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# Résultats des essais variétaux de maïs ensilage 2017

# Resultate der Hauptversuche Silomais 2017

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# Inhalt

| Legende | | | | | |
|---|---|---|---|---|---|
| **KM01** | Körnermais früh / maïs grain précoce | **SM01** | Silomais früh / maïs ensilage précoce | **STD / T** | Standardsorte (STD) weitere Sorte aus Sortenliste / variété de référence (STD) autre variété de la liste recommandée (témoin) |
| **KM11** | Körnermais mittelfrüh / maïs grain mi-précoce | **SM11** | Silomais mittelfrüh / maïs ensilage mi-précoce | **e1 / e2** | Neue Sorte 1. bzw 2. Prüfjahr Liste empfohlener Sorten / nouvelle variété 1ière ou 2ième année pour liste recommandée |
| **KM21** | Körnermais mittelspät – spät / maïs grain mi-tardif – tardif | **SM21** | Silomais mittelspät – spät / maïs ensilage mi-tardif – tardif | | |
| **KM41** | Körnermais mittelfrüh Tessin / maïs grain mi-précoce Tessin | **SM41** | Silomais mittelfrüh Tessin / maïs ensilage mi-précoce Tessin | **1. / 2.** | Neue Sorte 1. bzw. 2. Prüfjahr Nationaler Sortenkatalog / nouvelle variété 1ière ou 2ième année pour catalogue national |
| **KM42** | Körnermais mittelspät – spät Tessin / maïs grain mi-tardif – tardif Tessin | **SM42** | Silomais mittelspät – spät Tessin / maïs ensilage mi-tardif – tardif Tessin | | |

## Danksagung

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# 1 Merkmale / *Critères*

**Rendement / Ertrag**
- rendement en matière sèche de la plante entière en dt/ha
- Trockensubstanzertrag der ganzen Pflanzen in dt/ha

**Précocité / Frühreife**
- teneur en matière sèche de la plante entière à la récolte en %
- Trockensubstanzgehalt der ganzen Pflanzen am Erntetag in %

**Vigueur au départ / Jugendentwicklung**
- vigueur au départ de la végétation (note 1 = très bon, note 9 = très mauvais)
- Note 1 = sehr gute, Note 9 = sehr schlechte Jugendentwicklung

**Verse en végétation /Wurzellager während Vegetation**
- % de plantes versées en cours de végétation
- % gelagerte Pflanzen während der Vegetation

**Verse à la récolte / Wurzellager zum Zeitpunkt der Ernte**
- % de plantes versées à la récolte
- % gelagerte Pflanzen zum Zeitpunkt der Ernte

**Charbon / Beulenbrand**
- % de plantes attaquées par le charbon
- % Befall mit Beulenbrand

**Fusariose / Stängelfäule**
- % de plantes attaquées par la fusariose
- % Befall mit Stängelfäule

**Hauteur / Pflanzenhöhe**
- hauteur de la plante en cm, du sol jusqu'à la première branche latérale de la panicule
- Pflanzenhöhe in cm, vom Boden bis zum untersten Seitenast der Fahne gemessen

**Hauteur de l'épi / Ansatzhöhe des Hauptkolbens**
- hauteur d'insertion de l'épi supérieur en cm
- Ansatzhöhe des obersten Kolbens in cm

**Hauteur relative de l'épi / Relative Kolbenansatzhöhe**
- Hauteur relative d'insertion de l'épi supérieur par rapport à la hauteur de la plante
- Ansatzhöhe des obersten Kolbens in Relation zur Pflanzenhöhe

**Floraison / Blühbeginn**
- Nombre de jours du semis à 50% de la floraison femelle
- Anzahl Tage zwischen Saat und 50% weiblicher Blüte

**Pyrale / Maiszünsler**
- % de plantes endommagées
- % geschädigte Pflanzen (Maiszünsler)

**Densité / Bestandesdichte**
- Densité effective des plantes au $m^2$ à la récolte
- Effektive Bestandesdichte bei der Ernte in Pflanzen pro $m^2$

**Digestibilité (NIRS) / Gehalt verdauliche organische Substanz**
- Teneur en matière organique digestible (MOD) en g/kg MS
- Gehalt an verdaulicher organischer Substanz (VOS) der künstlich getrockneten ganzen Pflanzen in g/kg TS

**Teneur en cellulose brute (NIRS) / Rohfaser**
- Teneur en cellulose brute de la plante entière en g/kg de MS
- Rohfasergehalt der ganzen Pflanzen in g/kg TS

**Teneur en protéines (NIRS) / Proteingehalt**
- Teneur en protéines de la plante entière en g/kg de MS
- Rohproteingehalt der ganzen Pflanzen in g/kg TS

**Teneur en amidon (NIRS) / Stärkegehalt**
- Teneur en amidon de la plante entière en g/kg de MS
- Stärkegehalt der ganzen Pflanze in g/kg TS

**NDF (NIRS) / Zellwandanteil**
- Teneur en fibres de la plante entière (Neutral Detergent Fibre) en g/kg de MS
- Zellwandanteil in der ganzen Pflanze (Neutral Detergent Fibre) in g/kg TS

**NEL (NIRS) / NEL**
- Energie nette pour la lactation en mégajoules par kg de MS
- Nettoenergie Laktation in Megajoules pro kg TS

# 2 Indexberechnung für Silomais / *Calcul de l'indice pour le maïs ensilage*

- Le calcul de l'indice est obtenu par les valeurs moyennes de chaque critère des deux meilleures variétés standard (= valeur de base). Les indices partiels pondérés de chaque critère sont encore pondérés d'après le nombre d'observations réalisées (nombre de lieux d'essais).

- Als Basis für die Indexberechnung dienen die Merkmalsmittelwerte der zwei besten mitgeprüften Standardsorten (= Basiswert). Zusätzlich zur nachfolgend beschriebenen Gewichtung der Teilindizes werden diese entsprechend der gemachten Anzahl Beobachtungen (Anzahl Versuchsorte) gewichtet.

**Qualité / Qualität:**

- Teneur en matière organique digestible (MOD) de la plante entière (g/kg MS) de la variété testée moins la valeur de base; facteur de pondération 0,4
- Gehalt an verdaulicher organischer Substanz der ganzen Pflanzen in g/kg TS der zu beurteilenden Sorte minus Basiswert; Gewichtungsfaktor 0,4

**Rendement / Ertrag :**

- Rendement en matière sèche (en dt/ha) de la variété testée moins la valeur de base; facteur de pondération 0,5
- TS-Ertrag (in dt/ha) der zu beurteilenden Sorte minus Basiswert; Gewichtungsfaktor 0,5

**Précocité / Reife :**

- Teneur en matière sèche de la plante entière (en %) de la variété testée moins la valeur de base; facteur de pondération 1,25
- Ganzpflanzen-Trockensubstanzgehalt (in %) der zu beurteilenden Sorte abzüglich Basiswert; Gewichtungsfaktor 1,25

**Vigueur au départ / Jugendentwicklung :**

- Valeur de base moins la note de la variété testée; facteur de pondération 0,5
- Basiswert minus Note der zu beurteilenden Sorte; Gewichtungsfaktor 0,5.

**Verse en végétation / Lagerung während Vegetation :**

- Valeur de base moins le pourcentage de plantes versées (en %) de la variété testée; facteur de pondération 0,25
- Basiswert minus Anteil gelagerter Pflanzen (in %) der zu beurteilenden Sorte; Gewichtungsfaktor 0,25.

**Verse à la récolte / Lagerung bei Ernte :**

- Valeur de base moins le pourcentage de plantes versées (en %) de la variété testée; facteur de pondération 0,75
- Basiswert minus Anteil gelagerter Pflanzen (in %) der zu beurteilenden Sorte; Gewichtungsfaktor 0,75.

**Plantes cassées à la récolte / Stängelbruch bei Ernte :**

- Valeur de base moins le pourcentage de plantes cassées (en %) de la variété testée; facteur de pondération 0,75
- Basiswert minus Anteil gebrochenen Pflanzen (in %) der zu beurteilenden Sorte; Gewichtungsfaktor 0,75.

**Charbon / Beulenbrand :**

- Valeur de base moins le pourcentage de plantes attaquées (en %) de la variété testée; facteur de pondération 0,25
- Basiswert minus Anteil befallenen Pflanzen (in %) der zu beurteilenden Sorte; Gewichtungsfaktor 0,25.

**Indice global / Gesamtindex :**

- Somme de tous les indices partiels
- Summe aller Teilindizes

# 3 Nördlich der Alpen / Nord des Alpes

## 3.1 Serie früh / série précoce

### 3.1.1 Standortangaben

| PLZ / N°p. | Ort / Lieu | m.ü.M. / altitude | Saattermin / date de semis | Erntetermin / date de récolte |
|---|---|---|---|---|
| 1260 | Nyon | 430 | 22.05.2017 | 30.08.2017 |
| 1567 | Delley | 511 | 24.05.2017 | 08.09.2017 |
| 1725 | Grangeneuve | 654 | 16.05.2017 | 26.09.2017 |
| 3065 | Habstetten | 680 | 11.05.2017 | 20.09.2017 |
| 5643 | Alikon | 494 | 18.05.2017 | 28.09.2017 |
| 8046 | Reckenholz | 440 | 10.05.2017 | 28.08.2017 |
| 8193 | Eglisau | 395 | 06.05.2017 | 30.08.2017 |
| 8566 | Ellighausen | 503 | 17.05.2017 | 27.09.2017 |

### 3.1.2 Sorten / Status

| Name / Nom | Synonym | Hybrid Typ | Züchter / Obtenteur | Vertreter / Représentant | KM | SM |
|---|---|---|---|---|---|---|
| **Schobbi CS** | CSM 0163 A | SC | Caussade | Schweizer | | SM01/S |
| **DKC 3333** | EL3442 | SC | Monsanto | Monsanto | | SM01/S |
| **Kompetens** | KXB2007 | SC | KWS, Einbeck | KWS Suisse SA, Basel | KM21/S | SM01/S |
| **LG 31.211** | LZM163/74 | SC | Limagrain / Europe | Fenaco, Moudon | KM01/S | SM01/S |
| **Spyci CS** | CSM2152 | SC | Caussade Semence | Schweizer | | SM01/S |
| **Karibous** | KXB4302 | TC | KWS, Einbeck | KWS Suisse SA, Basel | | SM01/S |
| **SY Amboss** | SA1051 | SC | Syngenta | Syngenta, Dielsdorf | | SM01/S |
| **EQ3048** | EQ3048 | SC | Monsanto, USA | Monsanto, Morges | | SM01/e2 |
| **ES Amazing** | ESZ4110 | TC | Euralis, F | Euralis ? | | SM01/e2 |
| **Amanova** | KXB5127 | TC | KWS, Einbeck | KWS Suisse SA, Basel | KM01/e2 | SM01/e2 |
| **Maxilio** | KXB5302 | SC | KWS, Einbeck | KWS Suisse SA, Basel | | SM01/e2 |
| **Kaprilias** | KXB5305 | TC | KWS, Einbeck | KWS Suisse SA, Basel | | SM01/e2 |
| **RGT Orbitexx** | RH15030 | SC | RAGT 2n | Fenaco, Moudon | | SM01/e1 |
| **RH16004** | RH16004 | SC | RAGT 2n | Fenaco, Moudon | | SM01/e1 |
| **ER3050** | ER3050 | SC | Monsanto, USA | Monsanto, Morges | | SM01/e1 |
| **Mikolai** | SM E0290 | SC | Saatzucht Moreau | Samen Steffen | | SM01/e1 |
| **SY Skandik** | SA0813 | SC | Syngenta, CH | Syngenta, Dielsdorf | | SM01/e1 |
| **Xyz** | | | agaSaat GmbH & Co | Schweizer, Thun | | SM01/e1 |
| **LZM166/71** | LZM166/71 | SC | Limagrain / Europe | Fenaco, Moudon | | SM01/e1 |
| **KXB6127** | KXB6127 | TC | KWS, Einbeck | KWS Suisse SA, Basel | KM11/e1 | SM01/e1 |
| **KXB6129** | KXB6129 | TC | KWS, Einbeck | KWS Suisse SA, Basel | | SM01/e1 |
| **KXB6303** | KXB6303 | SC | KWS, Einbeck | KWS Suisse SA, Basel | | SM01/e1 |
| **KXB6307** | KXB6307 | TC | KWS, Einbeck | KWS Suisse SA, Basel | | SM01/e1 |
| **KXB6125** | KXB6125 | SC | KWS, Einbeck | KWS Suisse SA, Basel | | SM01/e1 |
| **Mas 08.F** | MGM 273807 | SC | Maisadour, F | ? | | SM01/e1 |
| **DFI44724** | DFI44724 | | DSP, Delley | DSP, Delley | | SM01/1. |
| **ES Scorpion** | ESZ2102 | SC | Euralis | Euralis | | SM01/T |
| **LG 30.222** | LZM 158/51 | SC | Limagrain / F | Fenaco, Moudon | KM01/S | SM01/T |
| **P7524** | X75A244 | SC | Pioneer | Pioneer, Manno | | SM01/T |
| **Lidano** | SL19023 | SC | Saatbau Linz | Saatbau Linz | | SM01/T |

## 3.1.3 Standorteigenschaften und Bewirtschaftungsmassnahmen / informations sur les sites et techniques culturales

| Technische Versuchsangaben / données techniques / technical information | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Standort / lieu / site: | Nyon (430 m ü.M.) | Delley (500 m ü.M.) Pré Billon 2 | Grangeneuve (650 m ü.M.) | Habstetten (680 m ü.M.) | Alikon (494 m ü.M.) | Zürich- Affoltern (450 m ü.M.) | Eglisau (392 m ü.M.) | Ellighausen (517 m ü.M.) |
| Bodenart / type de sol / soil type: | limono salbleux | Moyen: 15-20 % argile, pH 7.2 | moyen | sandiger Lehm | schwach humoser Schlufflehm | Parabraunerde | Leicht; mittel humos | - |
| Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest):<br>Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest): | 138 mm<br>1146 °C<br>Bewässerung/ irrigation<br>15.06., 06.07. et 18.07.: 30 l/m2 à chaque apport | 186.2 mm (selon AgroMeteo, station Delley)<br>1534.2 °C (selon AgroMeteo, station Delley, seuil 6°C) | - | 1624 °C | - | 272 mm<br>1481 °C | - | 470 mm<br>1506 °C |
| Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen /blocs randomisés avec 3 répétitions / randomized block design with 3 replications.<br>Parzellengrösse / grandeur d'une parcelle / plot size: | 4reihig, mit 0.8m Weg (22.4m2 brutto), 10m2 netto | Semé: 17 m2 per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs<br>Récolté: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu | 4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto | 4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto | 15 m2 pro Parzelle brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto |
| Vorfrucht / précédent cultural / previous crop: | blé printemps/ couverts végétaux | Maïs ensilage | prairie | blé d'hiver | Körnerraps anschliessend Gründüngung Ufa Lepha | Kunstwiese / prairie temporaire / temporary grassland | Weizen / Zwischenfutter | Raps - Zwischenfutter (Wick-Hafer-Erbsgemenge) |
| Bodenbearbeitung / travail du sol / soil cultivation: | labour charrue 06.12.2016 - cultivateur 24 04 2017 et 16 052017 | 23.02.17: labour<br>23.05.17: herse rotative | Pflug (15.5.17) und Kreiselegge (16.5.2017) / charrue et herse rotative / plough and rotary harrow | Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow | Streifenfrässaat | Pflug (28.11.16); Federzahnegge (29.3.17) und Kreiselegge (10.5.2017) / charrue, herse et herse rotative / plough, harrow and rotary harrow | Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow | Pflug (Hebst) und Kreiselegge / charrue (automn) et herse rotative / plough (fall) and rotary harrow |
| Saat / date de semis / sowing date: | 22 05 2017 | 24.05.2017 (jour 145) | 16.05.2017 | 11.05.2017 | 18.05.2017 | 10.05.2017 | 06.05.2017 | 17.05.2017 |
| Ernte / date de récolte / harvest date: | 30.08.2017 | 08.09.2017 (jour 252) | 26.09.2017 | 20.09.2017 | 28.09.2017 | 28.08.2017 | 30.08.2017 | 27.09.2017 |

| Technische Versuchsangaben / données techniques / technical information | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Standort / lieu / site: | Nyon (430 m ü.M.) | Delley (500 m ü.M.) Pré Billon 2 | Grangeneuve (650 m ü.M.) | Habstetten (680 m ü.M.) | Alikon (494 m ü.M.) | Zürich- Affoltern (450 m ü.M.) | Eglisau (392 m ü.M.) | Ellighausen (517 m ü.M.) |
| Saatdichte / densité de semis / sowing density: | 11.0 Körner / grains pro m2 | Semis: 10.8 grains pro m2, éclaircit à 10 plantes/m2 | 11.0 Körner / grains pro m2 | 11.0 Körner / grains pro m2 | 11.5 Körner / grains pro m2 | 11.5 Körner / grains pro m2 | 11.5 Körner / grains pro m2 | 11.5 Körner / grains pro m2 |
| Vegetationsdauer / durée de vegetation / growing period | 77 Tage / jours / days | 107 Tage / jours / days | 133 Tage / jours / days | 132 Tage / jours / days | 133 Tage / jours / days | 110 Tage / jours / days | 116 Tage / jours / days | 133 Tage / jours / days |
| Reihenabstand / interlignes / row distance: | 75 cm | 80 cm | 75 cm | 75 cm | 75 cm | 75 cm | 75 cm | 75 cm |
| Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control: | - | - | - | - | Gründüngung Mulchen | - | keine | 28.6.: Sternhacke nach Verschlämmung durch Stark-niederschläge |
| Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control: | Gardo Gold 4 l/ ha, Banvel4S 0,5 l/ ha, Elumis 1,3 l/ha (08.06.2017) | 13.06.17: 1L/ha Elumis + 4 L/ha Gardo Gold | 10.6.17: 1.5 l/ha Equip Power | Elumis 1.3 l/ha + Banvel 4S 0.4l/ha (27.06.2017) | 28.03.2017: Glyfosat 3.0 l/ ha + Checkpoint 0.2l/ ha; 03.06.2017: 0.3 kg/ha Arigo + 0.5 l/ha Dual Gold | 8.6: Aspect 1.5l/ha, Laudis 0.5l/ha, Banvel M 2.0l/ha | Garda Gold 4 lt/ ha, Calisto 0.8 lt/ ha, Maisnico 0.7 lt/ ha (26.5.17) | 8.6: Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha |
| Grunddüngung / fumure de base / basic fertilisation: | 02.08.2016: 50 m3 purin bovins; 27.02.2017: Super triple 46% 61 kg P/ha | 250 kg Landor 0.20.30 | 30 t/ha de fumier bovin et 35 m3/ha de lisier bovin (1 kg N/ m3) | - | 03.04.2017: Schweinegülle 30m3 / ha + Piadin; 17.04.2017: Legehennenmist 5 m3 / ha | - | PK 20.30: 60 kg P/ha, 90 kg K/ha (3.5.17) | nach Raps 15 to/ha Stapelmist |
| N-Düngung / fumure N / N fertilisation: | 29.05.2017: nitrate ammoniaque 27.5 % 60 kg N/ha; 14.06.2017 urée 46 % 60 kg N/ha | 24.05.17: 80 U Sulfonitrate 26%N+14S+0.2B 20.06.17: 76 U Urée 46% | 29.6.17: urée 46 %: 115 kg N/ha | 38.5 kg N/ha (ammonitrate, 23.05.2017); 78 kg N/ha (urée 8.06.2017) | 18.05.2017 Entec 150 kg / ha; 03.06.2017: Harnstoff 160 kg / ha | Harnstoff 46% 82.8 kg N/ha (10.5.), Harnstoff 46 % 32.2 kg N/ha (30.5.) | Harnstoff 46 kg N/ha (2.6.17); Harnstoff 92 kg N/ha (27.6.17) | 28.5.: Ammonsalpeter (55 kg N/ha); 12.6. Harnstoff (70 kg N/ha) |
| Ernte / Récolte / harvest: | Baural Maishäcksler / ensileuse | Ensileuse expérimentale | Baural Maishäcksler / ensileuse | Baural Maishäcksler / ensileuse | New Holland Versuchsmaishäcksler | | | |

| Sorte | Status | VOS | Ertrag | Reife | Jugend-entwicklung | Wurzellag. Veget. | Wurzellag. Ernte | Stängelbr. Ernte | Beulen-brand | Oekon. Index | Agron. Index | Gesamt-index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KXB6307** | e1 | 3.26 | 6.06 | -3.30 | 0.42 | 0.04 | -0.42 | 0.00 | 0.07 | 9.32 | -3.19 | 6.13 |
| **Kaprilias** | e2 | 0.48 | 6.40 | -1.18 | 0.21 | -0.27 | -0.36 | 0.00 | -1.00 | 6.87 | -2.60 | 4.27 |
| **ER3050** | e1 | 4.04 | 3.69 | -4.45 | -0.09 | -0.33 | -0.65 | 0.01 | -0.09 | 7.73 | -5.60 | 2.13 |
| **KXB6127** | e1 | -0.01 | 7.57 | -1.62 | 0.06 | -0.98 | -2.82 | -0.11 | -0.39 | 7.56 | -5.86 | 1.70 |
| **KXB6125** | e1 | -0.91 | 8.89 | -1.73 | -0.13 | -0.96 | -3.48 | -0.04 | -0.09 | 7.99 | -6.42 | 1.57 |
| **LZM166/71** | e1 | -2.97 | 5.29 | 0.43 | 0.25 | -0.24 | -0.31 | -0.08 | -1.35 | 2.31 | -1.31 | 1.00 |
| **KXB6303** | e1 | -3.28 | 3.23 | 2.32 | 0.23 | -0.18 | -0.47 | 0.01 | -0.90 | -0.05 | 1.00 | 0.95 |
| **Spyci CS** | S | -1.21 | 1.63 | 0.08 | 0.17 | -0.07 | -0.11 | -0.01 | 0.10 | 0.42 | 0.15 | 0.57 |
| **Amanova** | e2 | -2.67 | 7.85 | 0.10 | 0.12 | -0.85 | -3.32 | -0.04 | -1.36 | 5.18 | -5.35 | -0.17 |
| **Schobbi CS** | S | 1.21 | -1.63 | -0.08 | -0.17 | 0.07 | 0.11 | 0.01 | -0.10 | -0.42 | -0.15 | -0.57 |
| **Karibous** | S | 0.29 | 0.67 | -1.62 | 0.10 | -0.15 | 0.01 | 0.01 | -0.77 | 0.97 | -2.43 | -1.46 |
| **Maxilio** | e2 | 0.68 | 1.11 | -1.42 | 0.04 | 0.05 | 0.06 | -0.04 | -1.98 | 1.79 | -3.29 | -1.50 |
| **Mas 08.F** | e1 | 1.13 | -4.01 | 1.19 | 0.04 | -0.20 | -0.46 | 0.01 | -0.04 | -2.88 | 0.53 | -2.35 |
| **SY Skandik** | e1 | -1.81 | 1.62 | -2.76 | 0.21 | -0.28 | -0.27 | -0.04 | 0.43 | -0.19 | -2.71 | -2.90 |
| **LG 30.222** | T | -0.16 | -2.59 | -1.38 | 0.08 | 0.05 | -0.06 | 0.00 | -0.27 | -2.75 | -1.57 | -4.32 |
| **KXB6129** | e1 | -7.94 | 7.09 | -2.16 | 0.06 | -0.08 | -0.38 | 0.01 | -1.21 | -0.85 | -3.76 | -4.61 |
| **RGT Orbitexx** | e1 | -1.21 | 2.51 | -1.91 | 0.00 | -0.09 | -0.91 | 0.01 | -3.44 | 1.30 | -6.35 | -5.05 |
| **ES Amazing** | e2 | -5.70 | 2.87 | -1.95 | 0.14 | 0.04 | -0.62 | 0.01 | -0.60 | -2.83 | -2.98 | -5.81 |
| **Kompetens** | S | 0.91 | -3.45 | -2.96 | -0.34 | -0.10 | -0.64 | -0.15 | 0.01 | -2.54 | -4.18 | -6.72 |
| **P7524** | T | -6.62 | -0.04 | 0.26 | 0.25 | -0.03 | -0.01 | 0.00 | -1.19 | -6.66 | -0.72 | -7.38 |
| **RH16004** | e1 | -7.04 | 5.35 | -3.54 | 0.14 | -0.16 | -0.94 | 0.01 | -1.56 | -1.69 | -6.05 | -7.74 |
| **DKC 2978** | e2 | -1.32 | -3.57 | -1.39 | -0.02 | -0.07 | -0.16 | -0.04 | -1.20 | -4.89 | -2.88 | -7.77 |
| **LG 31.211** | S | -4.18 | -2.53 | -1.64 | 0.25 | -0.21 | -0.36 | 0.00 | -0.43 | -6.71 | -2.39 | -9.10 |
| **SY Amboss** | S | -8.42 | 4.31 | -2.39 | 0.00 | -0.16 | -1.09 | 0.01 | -1.44 | -4.10 | -5.08 | -9.18 |
| **ES Scorpion** | T | -9.87 | 5.35 | -3.28 | -0.15 | -0.37 | -0.94 | -0.04 | -0.59 | -4.52 | -5.37 | -9.89 |
| **DKC 3333** | S | -0.56 | -6.99 | -2.68 | -0.13 | 0.07 | 0.20 | -0.04 | -0.09 | -7.55 | -2.66 | -10.21 |
| **Mikolai** | e1 | 2.48 | -9.08 | -2.87 | -0.31 | -0.07 | 0.20 | -0.09 | -1.08 | -6.60 | -4.21 | -10.81 |
| **Lidano** | T | -4.46 | -4.45 | -0.89 | -0.50 | -0.06 | 0.15 | -0.08 | -1.26 | -8.91 | -2.65 | -11.56 |
| **DFI44724** | 1. | -8.43 | -2.35 | -1.57 | 0.58 | 0.05 | -0.05 | -0.08 | -0.77 | -10.78 | -1.85 | -12.63 |
| **xyz** | e1 | -2.85 | -15.11 | -4.97 | -0.44 | -0.09 | -0.02 | 0.01 | -4.33 | -17.95 | -9.85 | -27.80 |
| | | | | | | | | | | | | |
| **Bezugsgrössen** | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | | | | | | | | |
| Anz. Beob. | | 24 | 24 | 24 | 24 | 9 | 12 | 3 | 21 | | | |
| Anz. Orte | | 8 | 8 | 8 | 8 | 3 | 4 | 1 | 7 | | | |
| Gewichtung | | 0.40 | 0.50 | 1.25 | 0.50 | 0.25 | 0.75 | 0.75 | 0.25 | | | |

### 3.1.5 Zusammenfassung / résumé

| Sorten Bezeichnung | Jugendentwicklg. Note | Saatweibl. Blüte Tage | Saatmännl. Blüte Tage | Pflanzenhöhe cm | Kolbenansatzhöhe cm | relat. Kolbenhöhe % | Wurzellager Veg. % | Wurzellager Ernte % | Stängelbruch Ernte % |
|---|---|---|---|---|---|---|---|---|---|
| **Schobbi CS** | 4.4 | 61.8 | 60.5 | 256 | 105 | 40.9 | 0.0 | 0.3 | 1.4 |
| **DKC 3333** | 4.3 | 62.4 | 61.1 | 246 | 110 | 44.9 | 0.0 | 0.0 | 1.9 |
| **Kompetens** | 4.8 | 60.3 | 59.9 | 249 | 98 | 39.4 | 1.9 | 2.2 | 3.1 |
| **LG 31.211** | 3.6 | 59.9 | 58.6 | 261 | 104 | 39.8 | 3.0 | 1.5 | 1.4 |
| **Spyci CS** | 3.8 | 60.5 | 58.9 | 258 | 109 | 42.4 | 1.5 | 0.8 | 1.5 |
| **Karibous** | 3.9 | 60.7 | 59.9 | 258 | 115 | 44.4 | 2.4 | 0.5 | 1.4 |
| **SY Amboss** | 4.1 | 62.5 | 61.1 | 280 | 130 | 46.5 | 2.5 | 3.5 | 1.4 |
| **EQ3048** | 4.1 | 61.7 | 59.7 | 269 | 102 | 37.9 | 1.5 | 1.0 | 1.9 |
| **ES Amazing** | 3.8 | 61.2 | 60.9 | 290 | 127 | 43.8 | 0.4 | 2.2 | 1.4 |
| **Amanova** | 3.8 | 60.6 | 59.5 | 276 | 117 | 42.4 | 9.8 | 9.4 | 1.9 |
| **Maxillo** | 4.0 | 61.8 | 60.9 | 269 | 114 | 42.2 | 0.2 | 0.4 | 1.9 |
| **Kaprillias** | 3.7 | 61.3 | 60.6 | 263 | 118 | 44.8 | 3.7 | 1.5 | 1.5 |
| **RGT Orbitexx** | 4.1 | 60.7 | 58.9 | 272 | 111 | 40.9 | 1.7 | 3.0 | 1.4 |
| **RH16004** | 3.8 | 62.7 | 61.7 | 291 | 129 | 44.4 | 2.5 | 3.0 | 1.4 |
| **ER3050** | 4.3 | 62.9 | 61.1 | 270 | 125 | 46.3 | 4.3 | 2.3 | 1.4 |
| **Mikolai** | 4.7 | 61.0 | 59.3 | 259 | 110 | 42.6 | 1.5 | 0.0 | 2.4 |
| **SY Skandik** | 3.7 | 61.5 | 59.5 | 262 | 116 | 44.2 | 3.8 | 1.3 | 1.9 |
| **Xyz** | 5.0 | 61.7 | 60.1 | 268 | 110 | 41.0 | 1.8 | 0.6 | 1.4 |
| **LZM166/71** | 3.6 | 56.6 | 55.6 | 279 | 114 | 40.8 | 3.3 | 1.4 | 2.3 |
| **KXB6127** | 4.0 | 61.3 | 60.7 | 270 | 118 | 43.7 | 11.2 | 8.1 | 2.6 |
| **KXB6129** | 4.0 | 62.4 | 61.5 | 281 | 137 | 48.7 | 1.6 | 1.6 | 1.4 |
| **KXB6303** | 3.6 | 60.3 | 59.7 | 258 | 120 | 46.8 | 2.7 | 1.8 | 1.4 |
| **KXB6307** | 3.3 | 62.2 | 61.1 | 275 | 128 | 46.5 | 0.3 | 1.6 | 1.5 |
| **KXB6125** | 4.3 | 61.7 | 61.4 | 279 | 125 | 44.8 | 10.9 | 9.8 | 1.9 |
| **Mas 08.F** | 4.0 | 60.2 | 58.5 | 234 | 103 | 43.8 | 2.9 | 1.8 | 1.4 |
| **DFI44724** | 2.9 | 60.9 | 57.9 | 269 | 117 | 43.5 | 0.2 | 0.7 | 2.3 |
| **ES Scorpion** | 4.4 | 62.9 | 62.3 | 300 | 133 | 44.6 | 4.7 | 3.0 | 1.9 |
| **LG 30.222** | 3.9 | 60.7 | 59.1 | 243 | 101 | 41.6 | 0.2 | 0.7 | 1.5 |
| **P7524** | 3.6 | 60.3 | 58.7 | 274 | 120 | 43.9 | 1.1 | 0.6 | 1.4 |
| **Lidano** | 5.1 | 62.1 | 61.2 | 271 | 112 | 41.6 | 1.4 | 0.1 | 2.3 |
| **Bezugsgrösse(n)** | **4.1** | **61.1** | **59.7** | **257** | **107** | **41.6** | **0.7** | **0.5** | **1.5** |
| **Versuchs-Mittel** | 4.0 | 61.2 | 60.0 | 268 | 116 | 43.3 | 2.8 | 2.1 | 1.7 |
| VK [%] | 14.3 | 3.4 | 3.5 | 4 | 7 | 6.8 | 128.6 | 192.4 | 38.5 |
| KGD (5%) | 0.3 | 1.5 | 1.5 | 7 | 5 | 1.9 | 3.3 | 3.3 | |
| KGD (1%) | 0.4 | 2.0 | 2.0 | 9 | 7 | 2.6 | 4.4 | 4.4 | |
| Versuchs-Streuung | 0.6 | 2.1 | 2.1 | 11 | 8 | 3.0 | 3.6 | 4.1 | 0.7 |
| FG Fehlerterm | 464.0 | 290.0 | 290.0 | 348 | 348 | 348.0 | 174.0 | 232.0 | 58.0 |
| Anz. Beob. | 24.0 | 15.0 | 15.0 | 18 | 18 | 18.0 | 9.0 | 12.0 | 3.0 |
| Anz. Orte | 8.0 | 5.0 | 5.0 | 6 | 6 | 6.0 | 3.0 | 4.0 | 1.0 |
| Minimum | 2.9 | 56.6 | 55.6 | 234 | 98 | 37.9 | 0.0 | 0.0 | 1.4 |
| Maximum | 5.1 | 62.9 | 62.3 | 300 | 137 | 48.7 | 11.2 | 9.8 | 3.1 |

| Sorten Bezeich-nung | Beulen-brand | Mais-zünsler | allg. Ein-druck | Effekt. Best. dichte | Ertrag g.Pfl. frisch | TS-Ertrag g.Pfl. | TS-Gehalt g.Pfl. | VOS-Ertrag |
|---|---|---|---|---|---|---|---|---|
| | % | % | Note | Pfl./m2 | dt/ha | dt/ha | % | dt/ha |
| **Schobbi CS** | 3.4 | 2.4 | 3.0 | 10.1 | 581.5 | 227.6 | 39.5 | 160.4 |
| **DKC 3333** | 3.3 | 1.0 | 3.0 | 9.7 | 587.2 | 216.9 | 37.4 | 151.9 |
| **Kompetens** | 2.9 | 1.0 | 3.0 | 10.4 | 609.1 | 224.0 | 37.2 | 157.9 |
| **LG 31.211** | 4.9 | 1.4 | 2.7 | 9.6 | 599.5 | 225.8 | 38.3 | 156.2 |
| **Spyci CS** | 2.5 | 2.5 | 3.0 | 10.0 | 597.6 | 234.2 | 39.6 | 163.7 |
| **Karibous** | 6.5 | 3.0 | 2.3 | 10.4 | 617.5 | 232.2 | 38.3 | 163.2 |
| **SY Amboss** | 9.5 | 2.7 | 4.0 | 9.9 | 643.1 | 239.5 | 37.7 | 162.9 |
| **EQ3048** | 8.4 | 1.9 | 3.3 | 9.7 | 586.9 | 223.8 | 38.5 | 156.3 |
| **ES Amazing** | 5.7 | 1.9 | 3.7 | 9.8 | 633.3 | 236.6 | 38.0 | 162.6 |
| **Amanova** | 9.1 | 1.9 | 3.0 | 9.9 | 629.5 | 246.6 | 39.7 | 171.4 |
| **Maxillo** | 12.0 | 4.4 | 2.7 | 10.0 | 614.9 | 233.1 | 38.4 | 164.1 |
| **Kaprillias** | 7.5 | 2.5 | 3.0 | 10.0 | 639.5 | 243.7 | 38.6 | 171.3 |
| **RGT Orbitexx** | 18.7 | 1.6 | 2.3 | 10.2 | 625.6 | 235.9 | 38.0 | 164.7 |
| **RH16004** | 10.0 | 2.3 | 3.0 | 10.1 | 668.0 | 241.6 | 36.7 | 165.4 |
| **ER3050** | 3.3 | 1.9 | 2.3 | 9.6 | 669.6 | 238.3 | 36.0 | 169.5 |
| **Mikolai** | 7.9 | 2.3 | 4.3 | 9.0 | 578.5 | 212.7 | 37.3 | 150.7 |
| **SY Skandik** | 0.9 | 1.2 | 3.0 | 10.0 | 633.2 | 234.1 | 37.4 | 163.3 |
| **Xyz** | 22.7 | 1.9 | 6.0 | 9.5 | 567.8 | 200.7 | 35.6 | 139.5 |
| **LZM166/71** | 9.1 | 2.7 | 2.7 | 10.1 | 609.7 | 241.5 | 39.9 | 167.8 |
| **KXB6127** | 4.7 | 2.0 | 3.7 | 9.9 | 650.6 | 246.0 | 38.3 | 172.6 |
| **KXB6129** | 8.5 | 2.4 | 2.7 | 10.2 | 659.0 | 245.1 | 37.9 | 167.2 |
| **KXB6303** | 7.0 | 3.4 | 3.0 | 10.2 | 580.2 | 237.4 | 41.4 | 164.7 |
| **KXB6307** | 2.6 | 2.0 | 2.7 | 9.7 | 668.9 | 243.0 | 36.9 | 172.5 |
| **KXB6125** | 3.3 | 3.1 | 3.3 | 9.9 | 659.2 | 248.7 | 38.2 | 174.0 |
| **Mas 08.F** | 3.1 | 4.0 | 2.3 | 9.7 | 555.9 | 222.9 | 40.5 | 157.3 |
| **DFI44724** | 6.5 | 2.2 | 3.7 | 9.4 | 594.8 | 226.2 | 38.3 | 154.2 |
| **ES Scorpion** | 5.6 | 3.6 | 3.3 | 9.7 | 663.4 | 241.6 | 37.0 | 163.6 |
| **LG 30.222** | 4.1 | 1.4 | 2.0 | 9.4 | 595.0 | 225.7 | 38.5 | 158.3 |
| **P7524** | 8.4 | 2.3 | 3.0 | 9.7 | 586.6 | 230.8 | 39.8 | 158.2 |
| **Lidano** | 8.7 | 2.0 | 4.3 | 9.5 | 576.5 | 222.0 | 38.9 | 153.2 |
| **Bezugsgrösse(n)** | 2.9 | 2.5 | 3.0 | 10.0 | 589.6 | 230.9 | 39.6 | 162.1 |
| **Versuchs-Mittel** | 7.0 | 2.3 | 3.1 | 9.8 | 616.1 | 232.6 | 38.3 | 162.0 |
| VK [%] | 71.6 | 83.0 | 23.1 | 5.5 | 6.4 | 6.8 | 5.2 | 7.5 |
| KGD (5%) | 3.0 | 1.8 | 1.2 | 0.3 | 22.2 | 8.9 | 1.1 | 6.9 |
| KGD (1%) | 4.0 | | 1.6 | 0.4 | 29.2 | 11.8 | 1.5 | 9.1 |
| Versuchs-Streuung | 5.0 | 1.9 | 0.7 | 0.5 | 39.1 | 15.8 | 2.0 | 12.1 |
| FG Fehlerterm | 405.0 | 174.0 | 58.0 | 464.0 | 464.0 | 464.0 | 464.0 | 464.0 |
| Anz. Beob. | 21.0 | 9.0 | 3.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| Anz. Orte | 7.0 | 3.0 | 1.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| Minimum | 0.9 | 1.0 | 2.0 | 9.0 | 555.9 | 200.7 | 35.6 | 139.5 |
| Maximum | 22.7 | 4.4 | 6.0 | 10.4 | 669.6 | 248.7 | 41.4 | 174.0 |

| Sorten Bezeich-nung | VOS Gehalt NIR g/kg TS | Stärke Gehalt NIR g/kg TS | Rohfaser Gehalt NIR g/kg TS | NDF Gehalt NIR g/kg TS | Rohprotein Gehalt NIR g/kg TS | NEL Gehalt MJ/kg TS | NEV Gehalt MJ/kg TS |
|---|---|---|---|---|---|---|---|
| **Schobbi CS** | 705.8 | 367.6 | 162.7 | 374.7 | 65.0 | 6.4 | 6.6 |
| **DKC 3333** | 701.4 | 342.9 | 173.0 | 392.1 | 67.1 | 6.4 | 6.5 |
| **Kompetens** | 705.1 | 351.6 | 164.3 | 376.9 | 66.3 | 6.4 | 6.6 |
| **LG 31.211** | 692.4 | 342.9 | 169.5 | 390.6 | 62.5 | 6.3 | 6.4 |
| **Spyci CS** | 699.8 | 355.2 | 165.6 | 375.3 | 64.9 | 6.3 | 6.5 |
| **Karibous** | 703.5 | 362.5 | 164.4 | 374.3 | 65.5 | 6.4 | 6.6 |
| **SY Amboss** | 681.8 | 315.5 | 178.1 | 413.6 | 62.4 | 6.1 | 6.3 |
| **EQ3048** | 699.5 | 351.4 | 167.6 | 385.7 | 65.3 | 6.3 | 6.5 |
| **ES Amazing** | 688.6 | 331.8 | 171.8 | 389.2 | 67.2 | 6.2 | 6.4 |
| **Amanova** | 696.1 | 345.0 | 165.0 | 376.6 | 63.8 | 6.3 | 6.5 |
| **Maxillo** | 704.5 | 369.1 | 163.4 | 377.7 | 66.0 | 6.4 | 6.6 |
| **Kaprillias** | 704.0 | 359.5 | 161.0 | 371.7 | 64.5 | 6.4 | 6.6 |
| **RGT Orbitexx** | 699.8 | 350.0 | 170.8 | 387.4 | 69.1 | 6.4 | 6.5 |
| **RH16004** | 685.2 | 312.8 | 183.5 | 416.3 | 65.0 | 6.2 | 6.3 |
| **ER3050** | 712.9 | 359.9 | 167.8 | 380.7 | 67.5 | 6.5 | 6.7 |
| **Mikolai** | 709.0 | 371.1 | 159.2 | 354.9 | 69.8 | 6.5 | 6.6 |
| **SY Skandik** | 698.3 | 342.0 | 169.5 | 386.9 | 67.2 | 6.3 | 6.5 |
| **Xyz** | 695.7 | 318.1 | 178.6 | 387.0 | 71.3 | 6.3 | 6.5 |
| **LZM166/71** | 695.4 | 351.9 | 167.3 | 383.9 | 64.6 | 6.3 | 6.4 |
| **KXB6127** | 702.8 | 350.8 | 165.8 | 378.0 | 63.8 | 6.4 | 6.5 |
| **KXB6129** | 683.0 | 332.0 | 174.7 | 398.8 | 62.0 | 6.2 | 6.3 |
| **KXB6303** | 694.6 | 354.0 | 161.5 | 369.9 | 62.9 | 6.3 | 6.4 |
| **KXB6307** | 711.0 | 376.4 | 159.7 | 366.1 | 68.1 | 6.5 | 6.7 |
| **KXB6125** | 700.5 | 347.6 | 167.0 | 387.0 | 62.0 | 6.3 | 6.5 |
| **Mas 08.F** | 705.6 | 356.5 | 163.8 | 381.5 | 61.4 | 6.4 | 6.6 |
| **DFI44724** | 681.7 | 326.7 | 175.0 | 394.1 | 67.4 | 6.2 | 6.3 |
| **ES Scorpion** | 678.1 | 319.3 | 178.6 | 400.1 | 68.0 | 6.1 | 6.2 |
| **LG 30.222** | 702.4 | 346.0 | 170.6 | 393.7 | 66.0 | 6.4 | 6.5 |
| **P7524** | 686.3 | 323.8 | 178.7 | 407.9 | 61.0 | 6.2 | 6.3 |
| **Lidano** | 691.7 | 339.0 | 170.8 | 388.5 | 64.7 | 6.3 | 6.4 |
| **Bezugsgrösse(n)** | **702.8** | **361.4** | **164.2** | **375.0** | **64.9** | **6.4** | **6.5** |
| **Versuchs-Mittel** | 697.2 | 345.8 | 169.0 | 385.4 | 65.4 | 6.3 | 6.5 |
| VK [%] | 2.5 | 8.4 | 6.5 | 6.5 | 4.5 | 3.1 | 3.9 |
| KGD (5%) | 10.0 | 16.5 | 6.2 | 14.2 | 1.7 | 0.1 | 0.1 |
| KGD (1%) | 13.1 | 21.7 | 8.2 | 18.6 | 2.2 | 0.1 | 0.2 |
| Versuchs-Streuung | 17.6 | 29.0 | 10.9 | 25.0 | 3.0 | 0.2 | 0.3 |
| FG Fehlerterm | 464.0 | 464.0 | 464.0 | 464.0 | 464.0 | 464.0 | 464.0 |
| Anz. Beob. | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| Anz. Orte | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| Minimum | 678.1 | 312.8 | 159.2 | 354.9 | 61.0 | 6.1 | 6.2 |
| Maximum | 712.9 | 376.4 | 183.5 | 416.3 | 71.3 | 6.5 | 6.7 |

### 3.1.6 Détails

## Vigueur au départ [note] / Jugendentwicklung [Note]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 4.4 | ------ | 5.7 | ------- | 4.0 | ------ | 5.7 | ------- | 5.3 | ----- |
| DKC 3333 | 4.3 | ------ | 5.7 | ------- | 4.0 | ------ | 6.0 | --------- | 5.0 | ---- |
| Kompetens | 4.8 | ------- | 6.0 | --------- | 4.3 | ------- | 5.7 | ------- | 6.3 | --------- |
| LG 31.211 | 3.6 | --- | 4.7 | --- | 3.3 | ----- | 5.0 | ---- | 4.3 | -- |
| Spyci CS | 3.8 | ---- | 5.0 | ----- | 3.7 | ------ | 5.7 | ------- | 5.0 | ---- |
| Karibous | 3.9 | ---- | 5.0 | ----- | 2.7 | ---- | 5.7 | ------- | 5.7 | ------ |
| SY Amboss | 4.1 | ----- | 5.0 | ----- | 4.0 | ------ | 6.0 | --------- | 5.0 | ---- |
| EQ3048 | 4.1 | ----- | 5.0 | ----- | 3.3 | ----- | 5.3 | ----- | 5.3 | ----- |
| ES Amazing | 3.8 | ---- | 5.0 | ----- | 3.0 | ---- | 5.3 | ----- | 4.7 | --- |
| Amanova | 3.8 | ---- | 4.7 | --- | 3.3 | ----- | 5.0 | ---- | 5.0 | ---- |
| Maxillo | 4.0 | ----- | 5.0 | ----- | 3.3 | ----- | 5.3 | ----- | 5.3 | ----- |
| Kaprillias | 3.7 | --- | 5.0 | ----- | 2.7 | ---- | 5.0 | ---- | 5.0 | ---- |
| RGT Orbitexx | 4.1 | ----- | 5.0 | ----- | 5.0 | --------- | 6.0 | --------- | 5.7 | ------ |
| RH16004 | 3.8 | ---- | 5.3 | ------ | 2.7 | ---- | 5.3 | ----- | 5.0 | ---- |
| ER3050 | 4.3 | ------ | 6.0 | --------- | 4.0 | ------ | 5.7 | ------- | 6.0 | ------- |
| Mikolai | 4.7 | ------- | 5.7 | ------- | 4.3 | ------- | 6.0 | --------- | 6.3 | --------- |
| SY Skandik | 3.7 | --- | 5.0 | ----- | 2.3 | --- | 5.3 | ----- | 4.7 | --- |
| Xyz | 5.0 | -------- | 5.3 | ------ | 4.3 | ------- | 6.0 | --------- | 6.0 | ------- |
| LZM166/71 | 3.6 | --- | 5.0 | ----- | 1.3 | - | 5.7 | ------- | 4.3 | -- |
| KXB6127 | 4.0 | ---- | 5.3 | ------ | 2.7 | ---- | 5.3 | ----- | 5.0 | ---- |
| KXB6129 | 4.0 | ---- | 5.0 | ----- | 2.0 | -- | 5.0 | ---- | 5.7 | ------ |
| KXB6303 | 3.6 | --- | 4.7 | --- | 3.0 | ---- | 5.0 | ---- | 5.0 | ---- |
| KXB6307 | 3.3 | -- | 4.0 | - | 1.7 | - | 4.7 | -- | 4.7 | --- |
| KXB6125 | 4.3 | ------ | 5.3 | ------ | 3.3 | ----- | 5.7 | ------- | 6.3 | --------- |
| Mas 08.F | 4.0 | ----- | 5.3 | ------ | 3.3 | ----- | 6.0 | --------- | 5.3 | ----- |
| DFI44724 | 2.9 | - | 4.7 | --- | 1.3 | - | 4.3 | - | 4.0 | - |
| ES Scorpion | 4.4 | ------ | 5.0 | ----- | 3.7 | ------ | 6.0 | --------- | 5.3 | ----- |
| LG 30.222 | 3.9 | ---- | 5.0 | ----- | 2.0 | -- | 5.3 | ----- | 5.3 | ----- |
| P7524 | 3.6 | --- | 4.7 | --- | 1.7 | - | 5.0 | ---- | 5.0 | ---- |
| Lidano | 5.1 | --------- | 5.7 | ------- | 4.7 | -------- | 6.0 | --------- | 6.3 | --------- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 4.1 | ----- | 5.3 | ------ | 3.8 | ------ | 5.7 | ------- | 5.2 | ----- |
| Versuchs-Mittel | 4.0 | ----- | 5.1 | ----- | 3.2 | ----- | 5.5 | ------ | 5.3 | ----- |
| | | | | | | | | | | |
| VK [%] | 14.3 | | 9.0 | | 26.6 | | 7.6 | | 10.5 | |
| KGD (5%) | 0.3 | | 0.8 | | 1.4 | | 0.7 | | 0.9 | |
| KGD (1%) | 0.4 | | 1.0 | | 1.8 | | 0.9 | | 1.2 | |
| Versuchs-Streuung | 0.6 | | 0.5 | | 0.8 | | 0.4 | | 0.6 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 158.5 | 29 | 16.72 | *** | 1.49 | 0.0000 |
| Anbauorte | 726.4 | 7 | 317.38 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 115.7 | 203 | 1.74 | *** | 1.21 | 0.0007 |
| Fehler | 151.7 | 464 | | | | |
| Insgesamt | 1152.3 | 703 | | | | |

## Vigueur au départ [note] / Jugendentwicklung [Note]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 4.3 | ------- | 3.0 | ---- | 3.3 | ----- | 4.0 | ------ |
| DKC 3333 | 3.3 | ---- | 3.3 | ----- | 3.7 | ------ | 3.7 | ----- |
| Kompetens | 3.7 | ----- | 4.0 | ------- | 3.7 | ------ | 4.3 | ------- |
| LG 31.211 | 3.0 | --- | 2.7 | --- | 2.7 | -- | 3.0 | --- |
| Spyci CS | 3.0 | --- | 2.0 | - | 3.0 | --- | 2.7 | -- |
| Karibous | 3.0 | --- | 2.3 | -- | 3.0 | --- | 3.7 | ----- |
| SY Amboss | 3.0 | --- | 2.7 | --- | 3.3 | ----- | 3.7 | ----- |
| EQ3048 | 3.3 | ---- | 3.3 | ----- | 3.7 | ------ | 3.7 | ----- |
| ES Amazing | 3.7 | ----- | 2.3 | -- | 3.0 | --- | 3.3 | ---- |
| Amanova | 3.3 | ---- | 2.7 | --- | 3.3 | ----- | 3.3 | ---- |
| Maxillo | 3.3 | ---- | 3.3 | ----- | 2.3 | - | 4.0 | ------ |
| Kaprillias | 2.7 | -- | 2.7 | --- | 3.0 | --- | 3.3 | ---- |
| RGT Orbitexx | 2.7 | -- | 2.0 | - | 3.0 | --- | 3.3 | ---- |
| RH16004 | 3.0 | --- | 3.0 | ---- | 2.7 | -- | 3.3 | ---- |
| ER3050 | 3.3 | ---- | 2.7 | --- | 3.0 | --- | 3.3 | ---- |
| Mikolai | 4.3 | ------- | 3.3 | ----- | 3.3 | ----- | 4.3 | ------- |
| SY Skandik | 2.7 | -- | 3.0 | ---- | 3.3 | ----- | 3.0 | --- |
| Xyz | 5.0 | --------- | 4.0 | ------- | 4.0 | ------- | 5.0 | --------- |
| LZM166/71 | 3.3 | ---- | 2.7 | --- | 2.7 | -- | 3.7 | ----- |
| KXB6127 | 3.3 | ---- | 3.3 | ----- | 3.3 | ----- | 3.3 | ---- |
| KXB6129 | 3.7 | ----- | 3.7 | ------ | 3.3 | ----- | 3.3 | ---- |
| KXB6303 | 2.7 | -- | 2.7 | --- | 2.7 | -- | 3.3 | ---- |
| KXB6307 | 2.7 | -- | 2.7 | --- | 2.7 | -- | 3.0 | --- |
| KXB6125 | 3.0 | --- | 4.0 | ------- | 3.3 | ----- | 3.7 | ----- |
| Mas 08.F | 3.3 | ---- | 2.7 | --- | 3.0 | --- | 3.0 | --- |
| DFI44724 | 2.0 | - | 2.3 | -- | 2.3 | - | 2.3 | - |
| ES Scorpion | 4.3 | ------- | 2.7 | --- | 3.7 | ------ | 4.3 | ------- |
| LG 30.222 | 4.0 | ------ | 3.3 | ----- | 3.3 | ----- | 3.0 | --- |
| P7524 | 3.3 | ---- | 2.3 | -- | 3.0 | --- | 3.7 | ----- |
| Lidano | 4.3 | ------- | 4.7 | --------- | 4.3 | --------- | 4.7 | -------- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 3.7 | ----- | 2.5 | -- | 3.2 | ---- | 3.3 | ---- |
| Versuchs-Mittel | 3.4 | ---- | 3.0 | ---- | 3.2 | ---- | 3.5 | ---- |
| | | | | | | | | |
| VK [%] | 14.9 | | 21.9 | | 17.2 | | 13.9 | |
| KGD (5%) | 0.8 | | 1.1 | | 0.9 | | 0.8 | |
| KGD (1%) | 1.1 | | 1.4 | | 1.2 | | 1.1 | |
| Versuchs-Streuung | 0.5 | | 0.7 | | 0.5 | | 0.5 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Période semis – floraison femelle [jours] / Zeit Saat – weibl. Blüte [Tage]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 61.8 | ------- | 55.7 | ------- | 61.7 | ---- | 67.3 | ------ | 61.7 | -------- | 62.7 | ------ |
| DKC 3333 | 62.4 | -------- | 55.7 | ------- | 62.7 | ------ | 67.7 | ------ | 62.3 | -------- | 63.7 | -------- |
| Kompetens | 60.3 | ----- | 52.7 | - | 61.0 | -- | 67.0 | ----- | 61.0 | -------- | 60.0 | -- |
| LG 31.211 | 59.9 | ----- | 54.3 | ----- | 60.3 | - | 64.0 | - | 61.0 | -------- | 59.7 | - |
| Spyci CS | 60.5 | ------ | 53.3 | --- | 60.3 | - | 66.7 | ----- | 61.3 | -------- | 60.7 | --- |
| Karibous | 60.7 | ------ | 53.7 | --- | 61.0 | -- | 66.7 | ----- | 61.0 | -------- | 61.3 | ---- |
| SY Amboss | 62.5 | -------- | 56.3 | --------- | 64.0 | -------- | 67.0 | ----- | 61.3 | -------- | 64.0 | -------- |
| EQ3048 | 61.7 | ------- | 55.3 | ------- | 61.0 | -- | 67.7 | ------ | 61.0 | -------- | 63.7 | -------- |
| ES Amazing | 61.2 | ------ | 55.0 | ------ | 61.0 | -- | 67.3 | ------ | 61.7 | -------- | 61.0 | --- |
| Amanova | 60.6 | ------ | 53.7 | --- | 61.3 | --- | 66.3 | ---- | 61.0 | -------- | 60.7 | --- |
| Maxillo | 61.8 | ------- | 55.7 | ------- | 61.7 | ---- | 67.7 | ------ | 61.3 | -------- | 62.7 | ------ |
| Kaprillias | 61.3 | ------- | 55.0 | ------ | 61.3 | --- | 67.7 | ------ | 61.3 | -------- | 61.0 | --- |
| RGT Orbitexx | 60.7 | ------ | 53.0 | -- | 60.7 | -- | 67.0 | ----- | 61.3 | -------- | 61.3 | ---- |
| RH16004 | 62.7 | -------- | 55.0 | ------ | 63.3 | ------- | 69.7 | --------- | 61.7 | -------- | 63.7 | -------- |
| ER3050 | 62.9 | --------- | 55.3 | ------- | 63.7 | ------- | 69.0 | -------- | 62.0 | -------- | 64.3 | --------- |
| Mikolai | 61.0 | ------ | 55.3 | ------- | 61.7 | ---- | 65.7 | ---- | 61.0 | -------- | 61.3 | ---- |
| SY Skandik | 61.5 | ------- | 56.0 | -------- | 61.3 | --- | 67.0 | ----- | 61.0 | -------- | 62.0 | ----- |
| Xyz | 61.7 | ------- | 54.3 | ----- | 63.7 | ------- | 67.0 | ----- | 61.7 | -------- | 62.0 | ----- |
| LZM166/71 | 56.6 | - | 52.3 | - | 60.7 | -- | 63.3 | - | 47.3 | - | 59.3 | - |
| KXB6127 | 61.3 | ------- | 55.0 | ------ | 61.0 | -- | 67.3 | ------ | 62.0 | -------- | 61.3 | ---- |
| KXB6129 | 62.4 | -------- | 56.3 | --------- | 62.3 | ----- | 67.3 | ------ | 62.7 | --------- | 63.3 | ------- |
| KXB6303 | 60.3 | ----- | 53.7 | --- | 60.7 | -- | 66.0 | ---- | 61.0 | -------- | 60.3 | -- |
| KXB6307 | 62.2 | -------- | 55.7 | ------- | 62.0 | ---- | 68.7 | ------- | 61.7 | -------- | 63.0 | ------ |
| KXB6125 | 61.7 | ------- | 55.7 | ------- | 62.3 | ----- | 67.7 | ------ | 61.3 | -------- | 61.7 | ---- |
| Mas 08.F | 60.2 | ----- | 53.7 | --- | 60.3 | - | 65.3 | --- | 61.3 | -------- | 60.3 | -- |
| DFI44724 | 60.9 | ------ | 55.0 | ------ | 60.7 | -- | 65.3 | --- | 61.3 | -------- | 62.0 | ----- |
| ES Scorpion | 62.9 | --------- | 56.0 | -------- | 64.3 | --------- | 67.7 | ------ | 62.0 | -------- | 64.3 | --------- |
| LG 30.222 | 60.7 | ------ | 54.0 | ---- | 60.0 | - | 66.7 | ----- | 61.7 | -------- | 61.0 | --- |
| P7524 | 60.3 | ----- | 54.0 | ---- | 60.3 | - | 66.0 | ---- | 60.7 | -------- | 60.3 | -- |
| Lidano | 62.1 | -------- | 54.7 | ----- | 62.3 | ----- | 68.3 | ------- | 62.0 | -------- | 63.3 | ------- |
| Bezugs-grösse(n) | 61.1 | ------ | 54.5 | ----- | 61.0 | -- | 67.0 | ----- | 61.5 | -------- | 61.7 | ---- |
| Versuchs-Mittel | 61.2 | ------- | 54.7 | ----- | 61.6 | ---- | 66.9 | ----- | 61.0 | -------- | 61.9 | ----- |
| VK [%] | 3.4 | | 1.8 | | 1.5 | | 1.4 | | 6.9 | | 1.5 | |
| KGD (5%) | 1.5 | | 1.6 | | 1.5 | | 1.6 | | ns | | 1.5 | |
| KGD (1%) | 2.0 | | 2.1 | | 2.0 | | 2.1 | | ns | | 2.0 | |
| Versuchs-Streuung | 2.1 | | 1.0 | | 0.9 | | 1.0 | | 4.2 | | 0.9 | |
| FG Fehlerterm | 290.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 15.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 660.5 | 29 | 5.36 | *** | 1.51 | 0.0000 |
| Anbauorte | 6807.7 | 4 | 400.51 | *** | 2.40 | 0.0000 |
| WW Verf.*Anb.Orte | 506.2 | 116 | 1.03 | ns | 1.28 | |
| Fehler | 1232.3 | 290 | | | | |
| Insgesamt | 9206.7 | 439 | | | | |

## Période semis – floraison mâle [jours] / Zeit Saat – männl. Blüte [Tage]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 8046 Reckenholz ZH | | 8566 Ellighausen | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 60.5 | ------ | 53.3 | ------ | 59.0 | ---- | 66.3 | ------ | 61.0 | -------- | 62.7 | ---- |
| DKC 3333 | 61.1 | ------- | 54.7 | -------- | 59.7 | ---- | 65.7 | ----- | 61.7 | -------- | 64.0 | ------ |
| Kompetens | 59.9 | ------ | 51.7 | --- | 60.3 | ----- | 66.7 | ------ | 60.7 | ------- | 60.3 | - |
| LG 31.211 | 58.6 | ---- | 51.0 | -- | 57.7 | -- | 63.0 | -- | 61.0 | -------- | 60.3 | - |
| Spyci CS | 58.9 | ----- | 50.3 | - | 57.7 | -- | 64.7 | ---- | 60.7 | ------- | 61.3 | --- |
| Karibous | 59.9 | ------ | 52.3 | ---- | 60.0 | ----- | 65.0 | ----- | 60.7 | ------- | 61.3 | --- |
| SY Amboss | 61.1 | ------- | 53.3 | ------ | 61.0 | ------ | 65.7 | ----- | 61.0 | -------- | 64.3 | ------ |
| EQ3048 | 59.7 | ------ | 51.7 | --- | 58.7 | --- | 64.3 | ---- | 61.0 | -------- | 63.0 | ----- |
| ES Amazing | 60.9 | ------- | 54.0 | ------- | 59.7 | ---- | 68.0 | -------- | 61.3 | -------- | 61.3 | --- |
| Amanova | 59.5 | ----- | 52.0 | --- | 59.7 | ---- | 64.7 | ---- | 61.0 | -------- | 60.0 | - |
| Maxillo | 60.9 | ------- | 54.0 | ------- | 60.0 | ----- | 66.3 | ------ | 61.3 | -------- | 62.7 | ---- |
| Kaprillias | 60.6 | ------- | 53.3 | ------ | 59.7 | ---- | 67.0 | ------- | 61.3 | -------- | 61.7 | --- |
| RGT Orbitexx | 58.9 | ----- | 50.7 | - | 57.3 | -- | 64.7 | ---- | 61.0 | -------- | 61.0 | -- |
| RH16004 | 61.7 | -------- | 53.3 | ------ | 61.0 | ------ | 68.0 | -------- | 62.3 | -------- | 64.0 | ------ |
| ER3050 | 61.1 | ------- | 53.3 | ------ | 60.0 | ----- | 67.0 | ------- | 61.3 | -------- | 64.0 | ------ |
| Mikolai | 59.3 | ----- | 51.3 | -- | 58.0 | --- | 64.0 | ---- | 61.0 | -------- | 62.0 | --- |
| SY Skandik | 59.5 | ----- | 51.7 | --- | 58.7 | --- | 65.0 | ----- | 60.3 | ------- | 62.0 | --- |
| Xyz | 60.1 | ------ | 51.0 | -- | 59.3 | ---- | 66.0 | ------ | 62.3 | -------- | 61.7 | --- |
| LZM166/71 | 55.6 | - | 50.7 | - | 57.7 | -- | 62.7 | -- | 47.3 | - | 59.7 | - |
| KXB6127 | 60.7 | ------- | 53.7 | ------ | 59.7 | ---- | 66.7 | ------ | 61.3 | -------- | 62.0 | --- |
| KXB6129 | 61.5 | -------- | 53.7 | ------ | 60.0 | ----- | 67.0 | ------- | 62.7 | -------- | 64.0 | ------ |
| KXB6303 | 59.7 | ----- | 52.0 | --- | 59.7 | ---- | 65.3 | ----- | 61.0 | -------- | 60.3 | - |
| KXB6307 | 61.1 | ------- | 53.3 | ------ | 59.7 | ---- | 67.0 | ------- | 62.0 | -------- | 63.3 | ----- |
| KXB6125 | 61.4 | -------- | 54.0 | ------- | 60.7 | ----- | 68.7 | --------- | 61.3 | -------- | 62.3 | ---- |
| Mas 08.F | 58.5 | ---- | 50.7 | - | 57.3 | -- | 63.7 | --- | 60.7 | ------- | 60.0 | - |
| DFI44724 | 57.9 | --- | 50.3 | - | 56.0 | - | 61.3 | - | 61.0 | -------- | 61.0 | -- |
| ES Scorpion | 62.3 | --------- | 55.0 | --------- | 63.7 | --------- | 65.0 | ----- | 63.0 | --------- | 64.7 | ------- |
| LG 30.222 | 59.1 | ----- | 50.7 | - | 58.0 | --- | 65.3 | ----- | 61.0 | -------- | 60.7 | -- |
| P7524 | 58.7 | ---- | 51.0 | -- | 57.3 | -- | 64.0 | ---- | 60.7 | ------- | 60.3 | - |
| Lidano | 61.2 | ------- | 53.0 | ----- | 58.7 | --- | 66.3 | ------ | 61.7 | -------- | 66.3 | --------- |
| Bezugs-grösse(n) | 59.7 | ------ | 51.8 | --- | 58.3 | --- | 65.5 | ----- | 60.8 | ------- | 62.0 | --- |
| Versuchs-Mittel | 60.0 | ------ | 52.4 | ---- | 59.2 | ---- | 65.5 | ----- | 60.8 | ------- | 62.1 | --- |
| VK [%] | 3.5 | | 2.4 | | 1.3 | | 1.3 | | 7.0 | | 2.1 | |
| KGD (5%) | 1.5 | | 2.1 | | 1.2 | | 1.4 | | ns | | 2.1 | |
| KGD (1%) | 2.0 | | 2.7 | | 1.6 | | 1.9 | | ns | | 2.8 | |
| Versuchs-Streuung | 2.1 | | 1.3 | | 0.8 | | 0.9 | | 4.2 | | 1.3 | |
| FG Fehlerterm | 290.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 15.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 825.8 | 29 | 6.29 | *** | 1.51 | 0.0000 |
| Anbauorte | 8475.2 | 4 | 468.00 | *** | 2.40 | 0.0000 |
| WW Verf.*Anb.Orte | 627.0 | 116 | 1.19 | ns | 1.28 | |
| Fehler | 1312.9 | 290 | | | | |
| Insgesamt | 11240.9 | 439 | | | | |

## Hauteur [cm] / Pflanzenhöhe [cm]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 5643 Alikon AG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 256.1 | --- | 258.3 | --- | 260.0 | ----- | 255.0 | --- | 270.0 | - |
| DKC 3333 | 245.6 | -- | 238.3 | - | 258.3 | ---- | 248.3 | --- | 263.3 | - |
| Kompetens | 248.6 | -- | 248.3 | -- | 263.3 | ----- | 250.0 | --- | 266.7 | - |
| LG 31.211 | 261.1 | ---- | 258.3 | --- | 251.7 | ---- | 268.3 | ----- | 283.3 | --- |
| Spyci CS | 257.5 | --- | 261.7 | --- | 263.3 | ----- | 258.3 | ---- | 266.7 | - |
| Karibous | 258.1 | --- | 263.3 | --- | 268.3 | ------ | 261.7 | ---- | 281.7 | --- |
| SY Amboss | 279.7 | ------ | 286.7 | ------ | 276.7 | ------ | 280.0 | ------ | 300.0 | ----- |
| EQ3048 | 268.9 | ----- | 271.7 | ---- | 268.3 | ------ | 268.3 | ----- | 296.7 | ----- |
| ES Amazing | 290.0 | ------- | 300.0 | ------- | 283.3 | ------- | 293.3 | ------- | 301.7 | ------ |
| Amanova | 275.6 | ------ | 286.7 | ------ | 273.3 | ------ | 283.3 | ------ | 296.7 | ----- |
| Maxillo | 269.2 | ----- | 268.3 | ---- | 273.3 | ------ | 270.0 | ----- | 285.0 | --- |
| Kaprillias | 263.1 | ---- | 270.0 | ---- | 270.0 | ------ | 265.0 | ---- | 280.0 | --- |
| RGT Orbitexx | 271.9 | ----- | 265.0 | ---- | 275.0 | ------ | 271.7 | ----- | 290.0 | ---- |
| RH16004 | 290.6 | ------- | 301.7 | ------- | 296.7 | --------- | 281.7 | ------ | 310.0 | ------- |
| ER3050 | 270.0 | ----- | 268.3 | ---- | 271.7 | ------ | 268.3 | ----- | 276.7 | -- |
| Mikolai | 258.9 | ---- | 250.0 | -- | 265.0 | ----- | 266.7 | ----- | 280.0 | --- |
| SY Skandik | 261.7 | ---- | 263.3 | --- | 261.7 | ----- | 266.7 | ----- | 283.3 | --- |
| Xyz | 268.1 | ----- | 270.0 | ---- | 275.0 | ------ | 265.0 | ---- | 293.3 | ----- |
| LZM166/71 | 279.2 | ------ | 280.0 | ----- | 273.3 | ------ | 276.7 | ------ | 308.3 | ------- |
| KXB6127 | 270.3 | ----- | 275.0 | ----- | 276.7 | ------ | 278.3 | ------ | 276.7 | -- |
| KXB6129 | 280.8 | ------ | 290.0 | ------ | 285.0 | ------- | 286.7 | ------- | 290.0 | ---- |
| KXB6303 | 257.5 | --- | 271.7 | ---- | 263.3 | ----- | 261.7 | ---- | 270.0 | - |
| KXB6307 | 275.0 | ------ | 286.7 | ------ | 275.0 | ------ | 273.3 | ----- | 300.0 | ----- |
| KXB6125 | 278.9 | ------ | 283.3 | ----- | 281.7 | ------- | 278.3 | ------ | 293.3 | ----- |
| Mas 08.F | 234.4 | - | 240.0 | - | 223.3 | - | 228.3 | - | 263.3 | - |
| DFI44724 | 268.6 | ----- | 271.7 | ---- | 266.7 | ----- | 266.7 | ----- | 290.0 | ---- |
| ES Scorpion | 299.7 | --------- | 316.7 | --------- | 280.0 | ------- | 305.0 | --------- | 323.3 | --------- |
| LG 30.222 | 243.1 | -- | 235.0 | - | 241.7 | --- | 243.3 | -- | 270.0 | - |
| P7524 | 273.6 | ----- | 278.3 | ----- | 266.7 | ----- | 283.3 | ------ | 293.3 | ----- |
| Lidano | 270.6 | ----- | 263.3 | --- | 256.7 | ---- | 266.7 | ----- | 320.0 | -------- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 256.8 | --- | 260.0 | --- | 261.7 | ----- | 256.7 | ---- | 268.3 | - |
| Versuchs-Mittel | 267.5 | ----- | 270.7 | ---- | 268.2 | ----- | 269.0 | ----- | 287.4 | ---- |
| | | | | | | | | | | |
| VK [%] | 4.0 | | 3.2 | | 4.2 | | 3.2 | | 5.3 | |
| KGD (5%) | 6.9 | | 14.0 | | 18.6 | | 14.1 | | 24.9 | |
| KGD (1%) | 9.2 | | 18.6 | | 24.7 | | 18.8 | | 33.2 | |
| Versuchs-Streuung | 10.6 | | 8.6 | | 11.4 | | 8.6 | | 15.3 | |
| FG Fehlerterm | 348.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 18.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 107874.3 | 29 | 33.11 | *** | 1.50 | 0.0000 |
| Anbauorte | 90320.9 | 5 | 160.77 | *** | 2.24 | 0.0000 |
| WW Verf.*Anb.Orte | 23445.7 | 145 | 1.44 | ns | 1.25 | |
| Fehler | 39101.7 | 348 | | | | |
| Insgesamt | 260742.6 | 527 | | | | |

## Hauteur [cm] / Pflanzenhöhe [cm]

| Verfahren | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|
| Schobbi CS | 241.7 | ---- | 251.7 | -- |
| DKC 3333 | 218.3 | - | 246.7 | -- |
| Kompetens | 220.0 | - | 243.3 | -- |
| LG 31.211 | 238.3 | ---- | 266.7 | ---- |
| Spyci CS | 245.0 | ----- | 250.0 | -- |
| Karibous | 226.7 | -- | 246.7 | -- |
| SY Amboss | 253.3 | ------ | 281.7 | ------ |
| EQ3048 | 241.7 | ---- | 266.7 | ---- |
| ES Amazing | 261.7 | -------- | 300.0 | -------- |
| Amanova | 241.7 | ---- | 271.7 | ----- |
| Maxillo | 241.7 | ---- | 276.7 | ----- |
| Kaprillias | 241.7 | ---- | 251.7 | -- |
| RGT Orbitexx | 250.0 | ------ | 280.0 | ------ |
| RH16004 | 268.3 | --------- | 285.0 | ------ |
| ER3050 | 258.3 | ------- | 276.7 | ----- |
| Mikolai | 230.0 | --- | 261.7 | ---- |
| SY Skandik | 235.0 | --- | 260.0 | --- |
| Xyz | 238.3 | ---- | 266.7 | ---- |
| LZM166/71 | 256.7 | ------- | 280.0 | ------ |
| KXB6127 | 248.3 | ------ | 266.7 | ---- |
| KXB6129 | 246.7 | ----- | 286.7 | ------ |
| KXB6303 | 230.0 | --- | 248.3 | -- |
| KXB6307 | 246.7 | ----- | 268.3 | ---- |
| KXB6125 | 260.0 | ------- | 276.7 | ----- |
| Mas 08.F | 216.7 | - | 235.0 | - |
| DFI44724 | 246.7 | ----- | 270.0 | ----- |
| ES Scorpion | 266.7 | -------- | 306.7 | --------- |
| LG 30.222 | 226.7 | -- | 241.7 | - |
| P7524 | 255.0 | ------- | 265.0 | ---- |
| Lidano | 243.3 | ----- | 273.3 | ----- |
| | | | | |
| -Bezugsgrösse(n) | 243.3 | ----- | 250.8 | -- |
| Versuchs-Mittel | 243.2 | ----- | 266.7 | ---- |
| | | | | |
| VK [%] | 3.9 | | 3.2 | |
| KGD (5%) | 15.6 | | 14.0 | |
| KGD (1%) | 20.7 | | 18.6 | |
| Versuchs-Streuung | 9.5 | | 8.6 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Hauteur de l'épi [cm] / Ansatzhöhe des obersten Kolbens [cm]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 5643 Alikon AG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 104.7 | -- | 91.7 | - | 101.7 | ---- | 103.3 | -- | 120.0 | - |
| DKC 3333 | 109.8 | --- | 116.7 | ---- | 103.3 | ----- | 100.0 | -- | 124.0 | --- |
| Kompetens | 98.1 | - | 88.3 | - | 91.7 | -- | 100.0 | -- | 123.3 | -- |
| LG 31.211 | 104.2 | -- | 85.0 | - | 88.3 | -- | 115.0 | ---- | 123.3 | -- |
| Spyci CS | 109.2 | --- | 111.7 | ---- | 101.7 | ---- | 96.7 | - | 125.0 | --- |
| Karibous | 114.7 | ---- | 116.7 | ---- | 111.7 | ------ | 118.3 | ----- | 130.0 | ---- |
| SY Amboss | 130.0 | ------- | 136.7 | ------- | 121.7 | -------- | 125.0 | ------ | 140.0 | ------- |
| EQ3048 | 101.7 | - | 95.0 | -- | 85.0 | - | 93.3 | - | 121.7 | -- |
| ES Amazing | 127.2 | ------- | 143.3 | ------- | 105.0 | ----- | 131.7 | ------- | 138.3 | ------ |
| Amanova | 116.7 | ---- | 106.7 | --- | 106.7 | ----- | 126.7 | ------- | 131.7 | ----- |
| Maxillo | 113.6 | ---- | 96.7 | -- | 108.3 | ------ | 121.7 | ------ | 126.7 | --- |
| Kaprillias | 118.1 | ----- | 136.7 | ------- | 103.3 | ----- | 115.0 | ---- | 136.7 | ------ |
| RGT Orbitexx | 111.4 | --- | 113.3 | ---- | 86.7 | -- | 110.0 | ---- | 130.0 | ---- |
| RH16004 | 128.6 | ------- | 115.0 | ---- | 120.0 | -------- | 138.3 | --------- | 143.3 | -------- |
| ER3050 | 125.0 | ------ | 130.0 | ------ | 106.7 | ----- | 125.0 | ------ | 133.3 | ----- |
| Mikolai | 110.3 | --- | 103.3 | --- | 106.7 | ----- | 106.7 | --- | 130.0 | ---- |
| SY Skandik | 115.6 | ---- | 110.0 | ---- | 100.0 | ---- | 120.0 | ----- | 133.3 | ----- |
| Xyz | 109.7 | --- | 110.0 | ---- | 100.0 | ---- | 101.7 | -- | 126.7 | --- |
| LZM166/71 | 113.9 | ---- | 98.3 | -- | 98.3 | ---- | 123.3 | ------ | 133.3 | ----- |
| KXB6127 | 118.1 | ----- | 115.0 | ---- | 111.7 | ------ | 116.7 | ----- | 130.0 | ---- |
| KXB6129 | 136.7 | --------- | 153.3 | --------- | 125.0 | --------- | 136.7 | -------- | 140.0 | ------- |
| KXB6303 | 120.3 | ----- | 126.7 | ----- | 108.3 | ------ | 126.7 | ------- | 130.0 | ---- |
| KXB6307 | 127.5 | ------- | 131.7 | ------ | 118.3 | ------- | 128.3 | ------- | 140.0 | ------- |
| KXB6125 | 125.0 | ------ | 130.0 | ------ | 121.7 | -------- | 128.3 | ------- | 131.7 | ----- |
| Mas 08.F | 102.8 | -- | 111.7 | ---- | 81.7 | - | 98.3 | - | 116.7 | - |
| DFI44724 | 116.7 | ---- | 115.0 | ---- | 98.3 | ---- | 123.3 | ------ | 128.3 | ---- |
| ES Scorpion | 133.3 | -------- | 145.0 | -------- | 116.7 | ------- | 123.3 | ------ | 146.7 | --------- |
| LG 30.222 | 101.1 | - | 88.3 | - | 85.0 | - | 103.3 | -- | 116.7 | - |
| P7524 | 120.0 | ----- | 115.0 | ---- | 111.7 | ------ | 120.0 | ----- | 136.7 | ------ |
| Lidano | 112.2 | ---- | 105.0 | --- | 105.0 | ----- | 111.7 | ---- | 133.3 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 106.9 | -- | 101.7 | --- | 101.7 | ---- | 100.0 | -- | 122.5 | -- |
| Versuchs-Mittel | 115.9 | ---- | 114.7 | ---- | 104.3 | ----- | 116.3 | ----- | 130.7 | ---- |
| | | | | | | | | | | |
| VK [%] | 6.7 | | 8.4 | | 7.0 | | 7.8 | | 4.2 | |
| KGD (5%) | 5.1 | | 15.8 | | 11.9 | | 14.9 | | 8.9 | |
| KGD (1%) | 6.7 | | 21.0 | | 15.9 | | 19.8 | | 11.8 | |
| Versuchs-Streuung | 7.8 | | 9.7 | | 7.3 | | 9.1 | | 5.4 | |
| FG Fehlerterm | 348.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 18.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 52946.1 | 29 | 30.14 | *** | 1.50 | 0.0000 |
| Anbauorte | 40240.8 | 5 | 132.87 | *** | 2.24 | 0.0000 |
| WW Verf.*Anb.Orte | 22235.6 | 145 | 2.53 | *** | 1.25 | 0.0001 |
| Fehler | 21079.0 | 348 | | | | |
| Insgesamt | 136501.5 | 527 | | | | |

## Hauteur de l’épi [cm] / Ansatzhöhe des obersten Kolbens [cm]

| Verfahren | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|
| Schobbi CS | 101.7 | ---- | 110.0 | -- |
| DKC 3333 | 103.3 | ---- | 111.7 | -- |
| Kompetens | 83.3 | - | 101.7 | - |
| LG 31.211 | 103.3 | ---- | 110.0 | -- |
| Spyci CS | 103.3 | ---- | 116.7 | --- |
| Karibous | 95.0 | --- | 116.7 | --- |
| SY Amboss | 120.0 | -------- | 136.7 | ------- |
| EQ3048 | 106.7 | ----- | 108.3 | -- |
| ES Amazing | 116.7 | ------- | 128.3 | ----- |
| Amanova | 105.0 | ----- | 123.3 | ---- |
| Maxillo | 106.7 | ----- | 121.7 | ---- |
| Kaprillias | 100.0 | ---- | 116.7 | --- |
| RGT Orbitexx | 103.3 | ---- | 125.0 | ----- |
| RH16004 | 121.7 | -------- | 133.3 | ------ |
| ER3050 | 120.0 | -------- | 135.0 | ------- |
| Mikolai | 103.3 | ---- | 111.7 | -- |
| SY Skandik | 103.3 | ---- | 126.7 | ----- |
| Xyz | 106.7 | ----- | 113.3 | --- |
| LZM166/71 | 110.0 | ------ | 120.0 | ---- |
| KXB6127 | 108.3 | ----- | 126.7 | ----- |
| KXB6129 | 118.3 | ------- | 146.7 | --------- |
| KXB6303 | 108.3 | ----- | 121.7 | ---- |
| KXB6307 | 120.0 | -------- | 126.7 | ----- |
| KXB6125 | 115.0 | ------- | 123.3 | ---- |
| Mas 08.F | 101.7 | ---- | 106.7 | - |
| DFI44724 | 113.3 | ------ | 121.7 | ---- |
| ES Scorpion | 125.0 | --------- | 143.3 | -------- |
| LG 30.222 | 95.0 | --- | 118.3 | ---- |
| P7524 | 116.7 | ------- | 120.0 | ---- |
| Lidano | 101.7 | ---- | 116.7 | --- |
| | | | | |
| -Bezugsgrösse(n) | 102.5 | ---- | 113.3 | --- |
| Versuchs-Mittel | 107.9 | ----- | 121.3 | ---- |
| | | | | |
| VK [%] | 6.7 | | 6.0 | |
| KGD (5%) | 11.8 | | 11.8 | |
| KGD (1%) | 15.7 | | 15.8 | |
| Versuchs-Streuung | 7.2 | | 7.2 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Hauteur relative de l'épi [%] / Relative Kolbenansatzhöhe [%]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 5643 Alikon AG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 40.9 | --- | 35.5 | -- | 39.2 | ----- | 40.4 | ---- | 44.5 | ---- |
| DKC 3333 | 44.9 | ------ | 49.1 | ------- | 40.1 | ------ | 40.4 | ---- | 47.1 | ------- |
| Kompetens | 39.4 | -- | 35.6 | -- | 34.8 | --- | 40.0 | ---- | 46.3 | ------ |
| LG 31.211 | 39.8 | -- | 32.9 | - | 35.1 | --- | 42.9 | ----- | 43.5 | --- |
| Spyci CS | 42.4 | ---- | 42.6 | ---- | 38.6 | ----- | 37.4 | -- | 46.9 | ------- |
| Karibous | 44.4 | ----- | 44.3 | ----- | 41.6 | ------- | 45.2 | ------ | 46.2 | ------ |
| SY Amboss | 46.5 | ------- | 47.7 | ------- | 44.2 | --------- | 44.6 | ------ | 46.7 | ------ |
| EQ3048 | 37.9 | - | 35.0 | - | 31.7 | - | 34.8 | - | 41.0 | - |
| ES Amazing | 43.8 | ----- | 47.8 | ------- | 37.0 | ---- | 44.9 | ------ | 45.8 | ------ |
| Amanova | 42.4 | ---- | 37.3 | -- | 39.2 | ----- | 44.6 | ------ | 44.4 | ---- |
| Maxillo | 42.2 | ---- | 36.0 | -- | 39.6 | ------ | 45.2 | ------ | 44.6 | ---- |
| Kaprillias | 44.8 | ------ | 50.6 | -------- | 38.3 | ----- | 43.3 | ----- | 48.8 | --------- |
| RGT Orbitexx | 40.9 | --- | 42.8 | ----- | 31.5 | - | 40.5 | ---- | 44.8 | ----- |
| RH16004 | 44.4 | ----- | 38.1 | --- | 40.5 | ------ | 49.2 | --------- | 46.2 | ------ |
| ER3050 | 46.3 | ------- | 48.5 | ------- | 39.3 | ----- | 46.6 | ------- | 48.2 | -------- |
| Mikolai | 42.6 | ---- | 41.3 | ---- | 40.2 | ------ | 39.9 | --- | 46.4 | ------ |
| SY Skandik | 44.2 | ----- | 41.8 | ---- | 38.3 | ----- | 45.1 | ------ | 47.1 | ------- |
| Xyz | 41.0 | --- | 40.7 | ---- | 36.4 | ---- | 38.3 | --- | 43.2 | --- |
| LZM166/71 | 40.8 | --- | 35.1 | -- | 36.0 | --- | 44.6 | ------ | 43.2 | --- |
| KXB6127 | 43.7 | ----- | 41.8 | ---- | 40.5 | ------ | 41.9 | ----- | 47.0 | ------- |
| KXB6129 | 48.7 | --------- | 53.0 | --------- | 43.9 | -------- | 47.7 | -------- | 48.2 | -------- |
| KXB6303 | 46.8 | ------- | 46.6 | ------ | 41.1 | ------- | 48.4 | -------- | 48.2 | -------- |
| KXB6307 | 46.5 | ------- | 46.0 | ------ | 43.1 | -------- | 47.1 | ------- | 46.7 | ------ |
| KXB6125 | 44.8 | ------ | 45.9 | ------ | 43.2 | -------- | 46.1 | ------- | 45.0 | ----- |
| Mas 08.F | 43.8 | ----- | 46.5 | ------ | 36.5 | ---- | 43.1 | ----- | 44.3 | ---- |
| DFI44724 | 43.5 | ----- | 42.3 | ---- | 36.9 | ---- | 46.2 | ------- | 44.3 | ---- |
| ES Scorpion | 44.6 | ------ | 45.8 | ------ | 42.4 | ------- | 40.5 | ---- | 45.4 | ----- |
| LG 30.222 | 41.6 | --- | 37.5 | -- | 35.4 | --- | 42.5 | ----- | 43.2 | --- |
| P7524 | 43.9 | ----- | 41.4 | ---- | 41.9 | ------- | 42.3 | ----- | 46.7 | ------ |
| Lidano | 41.6 | --- | 39.9 | --- | 41.0 | ------- | 41.9 | ----- | 42.4 | -- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 41.6 | --- | 39.1 | --- | 38.9 | ----- | 38.9 | --- | 45.7 | ----- |
| Versuchs-Mittel | 43.3 | ----- | 42.3 | ---- | 38.9 | ----- | 43.2 | ----- | 45.5 | ----- |
| | | | | | | | | | | |
| VK [%] | 6.8 | | 8.4 | | 9.1 | | 7.6 | | 4.7 | |
| KGD (5%) | 1.9 | | 5.8 | | 5.8 | | 5.4 | | 3.5 | |
| KGD (1%) | 2.6 | | 7.7 | | 7.7 | | 7.1 | | 4.7 | |
| Versuchs-Streuung | 3.0 | | 3.5 | | 3.5 | | 3.3 | | 2.1 | |
| FG Fehlerterm | 348.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 18.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 3082.8 | 29 | 12.09 | *** | 1.50 | 0.0000 |
| Anbauorte | 2797.0 | 5 | 63.61 | *** | 2.24 | 0.0000 |
| WW Verf.*Anb.Orte | 2715.4 | 145 | 2.13 | *** | 1.25 | 0.0003 |
| Fehler | 3060.5 | 348 | | | | |
| Insgesamt | 11655.8 | 527 | | | | |

## Hauteur relative de l'épi [%] / Relative Kolbenansatzhöhe [%]

| Verfahren | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|
| Schobbi CS | 41.9 | ---- | 43.7 | --- |
| DKC 3333 | 47.4 | -------- | 45.3 | ---- |
| Kompetens | 38.1 | - | 41.8 | - |
| LG 31.211 | 43.4 | ----- | 41.2 | - |
| Spyci CS | 42.2 | ---- | 46.7 | ----- |
| Karibous | 42.0 | ---- | 47.3 | ------ |
| SY Amboss | 47.3 | -------- | 48.5 | ------- |
| EQ3048 | 44.2 | ----- | 40.7 | - |
| ES Amazing | 44.5 | ----- | 42.7 | -- |
| Amanova | 43.4 | ----- | 45.4 | ---- |
| Maxillo | 44.0 | ----- | 44.0 | --- |
| Kaprillias | 41.4 | --- | 46.4 | ----- |
| RGT Orbitexx | 41.3 | --- | 44.6 | ---- |
| RH16004 | 45.3 | ------ | 46.8 | ----- |
| ER3050 | 46.5 | ------- | 48.8 | ------- |
| Mikolai | 45.1 | ------ | 42.7 | -- |
| SY Skandik | 43.9 | ----- | 48.7 | ------- |
| Xyz | 44.9 | ------ | 42.5 | -- |
| LZM166/71 | 42.8 | ---- | 42.9 | -- |
| KXB6127 | 43.6 | ----- | 47.5 | ------ |
| KXB6129 | 48.1 | -------- | 51.2 | --------- |
| KXB6303 | 47.1 | ------- | 49.0 | ------- |
| KXB6307 | 48.6 | --------- | 47.2 | ------ |
| KXB6125 | 44.3 | ----- | 44.5 | ---- |
| Mas 08.F | 46.9 | ------- | 45.3 | ---- |
| DFI44724 | 45.9 | ------- | 45.0 | ---- |
| ES Scorpion | 46.8 | ------- | 46.7 | ----- |
| LG 30.222 | 41.9 | ---- | 49.0 | ------- |
| P7524 | 45.8 | ------ | 45.3 | ---- |
| Lidano | 41.9 | ---- | 42.7 | -- |
| | | | | |
| -Bezugsgrösse(n) | 42.1 | ---- | 45.2 | ---- |
| Versuchs-Mittel | 44.4 | ----- | 45.5 | ---- |
| | | | | |
| VK [%] | 6.1 | | 5.0 | |
| KGD (5%) | 4.4 | | 3.7 | |
| KGD (1%) | 5.9 | | 4.9 | |
| Versuchs-Streuung | 2.7 | | 2.3 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Verse en végétation [%] / Wurzellagerung Vegetation [%]

| Verfahren | Seriemittel | | 1567 Delley FR | | 5643 Alikon AG | | 8193 Eglisau ZH | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 | - |
| DKC 3333 | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 | - |
| Kompetens | 1.9 | -- | 0.0 | - | 5.6 | -- | 0.0 | - |
| LG 31.211 | 3.0 | --- | 0.0 | - | 2.7 | - | 6.4 | ------- |
| Spyci CS | 1.5 | -- | 0.0 | - | 2.8 | - | 1.7 | -- |
| Karibous | 2.4 | -- | 0.0 | - | 4.9 | -- | 2.2 | --- |
| SY Amboss | 2.5 | -- | 4.2 | --------- | 1.0 | - | 2.2 | --- |
| EQ3048 | 1.5 | -- | 0.0 | - | 0.0 | - | 4.6 | ----- |
| ES Amazing | 0.4 | - | 0.0 | - | 0.0 | - | 1.1 | -- |
| Amanova | 9.8 | -------- | 0.0 | - | 27.5 | --------- | 2.0 | --- |
| Maxillo | 0.2 | - | 0.0 | - | 0.0 | - | 0.5 | - |
| Kaprillias | 3.7 | --- | 0.0 | - | 5.9 | -- | 5.1 | ----- |
| RGT Orbitexx | 1.7 | -- | 0.0 | - | 2.5 | - | 2.6 | --- |
| RH16004 | 2.5 | -- | 0.0 | - | 4.9 | -- | 2.6 | --- |
| ER3050 | 4.3 | ---- | 0.0 | - | 12.2 | ---- | 0.6 | - |
| Mikolai | 1.5 | -- | 0.0 | - | 0.0 | - | 4.5 | ----- |
| SY Skandik | 3.8 | --- | 0.0 | - | 2.9 | - | 8.4 | --------- |
| Xyz | 1.8 | -- | 0.0 | - | 0.0 | - | 5.3 | ------ |
| LZM166/71 | 3.3 | --- | 4.2 | --------- | 5.3 | -- | 0.6 | - |
| KXB6127 | 11.2 | --------- | 0.0 | - | 27.0 | -------- | 6.7 | ------- |
| KXB6129 | 1.6 | -- | 0.0 | - | 3.7 | -- | 1.0 | -- |
| KXB6303 | 2.7 | --- | 0.0 | - | 6.5 | -- | 1.6 | -- |
| KXB6307 | 0.3 | - | 0.0 | - | 1.0 | - | 0.0 | - |
| KXB6125 | 10.9 | -------- | 0.0 | - | 26.2 | -------- | 6.6 | ------- |
| Mas 08.F | 2.9 | --- | 0.0 | - | 6.5 | -- | 2.1 | --- |
| DFI44724 | 0.2 | - | 0.0 | - | 0.0 | - | 0.6 | - |
| ES Scorpion | 4.7 | ---- | 0.0 | - | 7.3 | --- | 6.9 | ------- |
| LG 30.222 | 0.2 | - | 0.0 | - | 0.5 | - | 0.0 | - |
| P7524 | 1.1 | - | 0.0 | - | 2.7 | - | 0.5 | - |
| Lidano | 1.4 | -- | 0.0 | - | 1.1 | - | 3.3 | ---- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 0.7 | - | 0.0 | - | 1.4 | - | 0.9 | - |
| Versuchs-Mittel | 2.8 | --- | 0.3 | - | 5.4 | -- | 2.6 | --- |
| | | | | | | | | |
| VK [%] | 128.6 | | 676.6 | | 86.5 | | 135.2 | |
| KGD (5%) | 3.3 | | ns | | 7.6 | | ns | |
| KGD (1%) | 4.4 | | ns | | 10.1 | | ns | |
| Versuchs-Streuung | 3.6 | | 1.9 | | 4.6 | | 3.6 | |
| FG Fehlerterm | 174.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 9.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 2319.8 | 29 | 6.34 | *** | 1.53 | 0.0000 |
| Anbauorte | 1165.2 | 2 | 46.16 | *** | 3.04 | 0.0000 |
| WW Verf.*Anb.Orte | 3713.2 | 58 | 5.07 | *** | 1.40 | 0.0000 |
| Fehler | 2195.9 | 174 | | | | |
| Insgesamt | 9394.2 | 263 | | | | |

## Verse à la récolte [%] / Wurzellagerung Ernte [%]

| Verfahren | Seriemittel | | 1567 Delley FR | | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 0.3 | - | 0.0 | - | 1.0 | - | 0.0 | - | 0.0 | - |
| DKC 3333 | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 | - |
| Kompetens | 2.2 | -- | 0.0 | - | 6.1 | -- | 2.8 | ----- | 0.0 | - |
| LG 31.211 | 1.5 | -- | 0.0 | - | 0.0 | - | 4.9 | -------- | 1.1 | --- |
| Spyci CS | 0.8 | - | 0.0 | - | 2.3 | - | 1.0 | -- | 0.0 | - |
| Karibous | 0.5 | - | 0.0 | - | 1.6 | - | 0.0 | - | 0.5 | -- |
| SY Amboss | 3.5 | --- | 8.3 | --------- | 3.5 | - | 2.0 | ---- | 0.0 | - |
| EQ3048 | 1.0 | - | 0.0 | - | 0.0 | - | 1.0 | -- | 2.9 | ------- |
| ES Amazing | 2.2 | -- | 0.0 | - | 5.4 | -- | 3.4 | ------ | 0.0 | - |
| Amanova | 9.4 | -------- | 0.0 | - | 35.3 | --------- | 2.3 | ---- | 0.0 | - |
| Maxillo | 0.4 | - | 0.0 | - | 0.0 | - | 1.0 | -- | 0.5 | -- |
| Kaprillias | 1.5 | -- | 0.0 | - | 4.5 | -- | 1.5 | --- | 0.0 | - |
| RGT Orbitexx | 3.0 | --- | 4.2 | ----- | 6.2 | -- | 0.5 | - | 1.0 | --- |
| RH16004 | 3.0 | --- | 4.2 | ----- | 1.9 | - | 5.1 | --------- | 1.0 | --- |
| ER3050 | 2.3 | -- | 0.0 | - | 8.0 | -- | 0.6 | -- | 0.6 | -- |
| Mikolai | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 | - | 0.0 | - |
| SY Skandik | 1.3 | -- | 0.0 | - | 1.9 | - | 0.0 | - | 3.1 | -------- |
| Xyz | 0.6 | - | 0.0 | - | 0.0 | - | 0.0 | - | 2.3 | ------ |
| LZM166/71 | 1.4 | -- | 0.0 | - | 4.4 | -- | 0.5 | - | 0.6 | -- |
| KXB6127 | 8.1 | ------- | 0.0 | - | 27.0 | ------- | 3.6 | ------ | 1.6 | ----- |
| KXB6129 | 1.6 | -- | 4.2 | ----- | 0.5 | - | 1.5 | --- | 0.0 | - |
| KXB6303 | 1.8 | -- | 0.0 | - | 5.1 | -- | 1.0 | -- | 1.1 | --- |
| KXB6307 | 1.6 | -- | 0.0 | - | 3.1 | - | 3.5 | ------ | 0.0 | - |
| KXB6125 | 9.8 | --------- | 8.3 | --------- | 26.6 | ------- | 1.0 | -- | 3.3 | --------- |
| Mas 08.F | 1.8 | -- | 0.0 | - | 6.6 | -- | 0.5 | - | 0.0 | - |
| DFI44724 | 0.7 | - | 0.0 | - | 0.0 | - | 2.7 | ----- | 0.0 | - |
| ES Scorpion | 3.0 | --- | 8.3 | --------- | 2.3 | - | 1.0 | -- | 0.6 | -- |
| LG 30.222 | 0.7 | - | 0.0 | - | 0.0 | - | 2.8 | ----- | 0.0 | - |
| P7524 | 0.6 | - | 0.0 | - | 2.3 | - | 0.0 | - | 0.0 | - |
| Lidano | 0.1 | - | 0.0 | - | 0.5 | - | 0.0 | - | 0.0 | - |
| | | | | | | | | | | |
| -Bezugs-grösse(n) | 0.5 | - | 0.0 | - | 1.7 | - | 0.5 | - | 0.0 | - |
| Versuchs-Mittel | 2.1 | -- | 1.3 | -- | 5.2 | -- | 1.5 | --- | 0.7 | -- |
| | | | | | | | | | | |
| VK [%] | 192.4 | | 402.6 | | 112.3 | | 163.0 | | 264.8 | |
| KGD (5%) | 3.3 | | ns | | 9.5 | | ns | | ns | |
| KGD (1%) | 4.4 | | ns | | 12.7 | | ns | | ns | |
| Versuchs-Streuung | 4.1 | | 5.0 | | 5.8 | | 2.4 | | 1.8 | |
| FG Fehlerterm | 232.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 12.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 2260.5 | 29 | 4.56 | *** | 1.52 | 0.0000 |
| Anbauorte | 1144.7 | 3 | 22.32 | *** | 2.64 | 0.0000 |
| WW Verf.*Anb.Orte | 5254.8 | 87 | 3.53 | *** | 1.33 | 0.0000 |
| Fehler | 3965.6 | 232 | | | | |
| Insgesamt | 12625.5 | 351 | | | | |

## Plantes cassées à la récolte [%] / Stängelbruch Ernte [%]

| Verfahren | Seriemittel | | 1567 Delley FR | |
|---|---|---|---|---|
| Schobbi CS | 1.4 | - | 1.4 | - |
| DKC 3333 | 1.9 | --- | 1.9 | --- |
| Kompetens | 3.1 | --------- | 3.1 | --------- |
| LG 31.211 | 1.4 | - | 1.4 | - |
| Spyci CS | 1.5 | - | 1.5 | - |
| Karibous | 1.4 | - | 1.4 | - |
| SY Amboss | 1.4 | - | 1.4 | - |
| EQ3048 | 1.9 | --- | 1.9 | --- |
| ES Amazing | 1.4 | - | 1.4 | - |
| Amanova | 1.9 | --- | 1.9 | --- |
| Maxillo | 1.9 | --- | 1.9 | --- |
| Kaprillias | 1.5 | - | 1.5 | - |
| RGT Orbitexx | 1.4 | - | 1.4 | - |
| RH16004 | 1.4 | - | 1.4 | - |
| ER3050 | 1.4 | - | 1.4 | - |
| Mikolai | 2.4 | ----- | 2.4 | ----- |
| SY Skandik | 1.9 | --- | 1.9 | --- |
| Xyz | 1.4 | - | 1.4 | - |
| LZM166/71 | 2.3 | ----- | 2.3 | ----- |
| KXB6127 | 2.6 | ------- | 2.6 | ------- |
| KXB6129 | 1.4 | - | 1.4 | - |
| KXB6303 | 1.4 | - | 1.4 | - |
| KXB6307 | 1.5 | - | 1.5 | - |
| KXB6125 | 1.9 | --- | 1.9 | --- |
| Mas 08.F | 1.4 | - | 1.4 | - |
| DFI44724 | 2.3 | ----- | 2.3 | ----- |
| ES Scorpion | 1.9 | --- | 1.9 | --- |
| LG 30.222 | 1.5 | - | 1.5 | - |
| P7524 | 1.4 | - | 1.4 | - |
| Lidano | 2.3 | ----- | 2.3 | ----- |
| | | | | |
| -Bezugsgrösse(n) | 1.5 | - | 1.5 | - |
| Versuchs-Mittel | 1.7 | -- | 1.7 | -- |
| | | | | |
| VK [%] | 38.5 | | 38.5 | |
| KGD (5%) | ns | | ns | |
| KGD (1%) | ns | | ns | |
| Versuchs-Streuung | 0.7 | | 0.7 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Charbon [%] / Beulenbrand [%]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 5643 Alikon AG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 3.4 | - | 1.8 | - | 2.7 | - | 2.0 | - | 7.9 | -- |
| DKC 3333 | 3.3 | - | 1.6 | - | 1.8 | - | 3.6 | -- | 8.4 | -- |
| Kompetens | 2.9 | - | 1.9 | - | 4.3 | - | 2.0 | - | 5.5 | - |
| LG 31.211 | 4.9 | -- | 3.2 | - | 7.5 | -- | 6.1 | --- | 10.2 | -- |
| Spyci CS | 2.5 | - | 0.7 | - | 2.9 | - | 0.7 | - | 3.4 | - |
| Karibous | 6.5 | --- | 3.5 | - | 3.3 | - | 7.9 | ---- | 22.5 | ---- |
| SY Amboss | 9.5 | ---- | 4.2 | -- | 7.8 | -- | 10.7 | ----- | 23.4 | ----- |
| EQ3048 | 8.4 | --- | 8.4 | --- | 6.9 | -- | 5.0 | --- | 24.0 | ----- |
| ES Amazing | 5.7 | -- | 2.9 | - | 7.7 | -- | 4.5 | -- | 14.4 | --- |
| Amanova | 9.1 | ---- | 4.4 | -- | 19.5 | ----- | 13.0 | ------ | 9.8 | -- |
| Maxillo | 12.0 | ----- | 3.3 | - | 6.8 | -- | 7.7 | ---- | 34.7 | ------- |
| Kaprillias | 7.5 | --- | 2.0 | - | 8.2 | -- | 10.7 | ----- | 10.8 | -- |
| RGT Orbitexx | 18.7 | ------- | 4.6 | -- | 34.4 | --------- | 18.6 | -------- | 46.3 | --------- |
| RH16004 | 10.0 | ---- | 5.1 | -- | 23.5 | ------ | 2.8 | -- | 18.2 | ---- |
| ER3050 | 3.3 | - | 0.4 | - | 1.0 | - | 1.5 | - | 11.4 | -- |
| Mikolai | 7.9 | --- | 6.4 | -- | 9.8 | --- | 8.3 | ---- | 7.9 | -- |
| SY Skandik | 0.9 | - | 1.1 | - | 1.4 | - | 0.0 | - | 1.5 | - |
| Xyz | 22.7 | --------- | 29.2 | --------- | 23.0 | ------ | 19.5 | --------- | 43.7 | -------- |
| LZM166/71 | 9.1 | ---- | 7.0 | -- | 13.1 | --- | 12.0 | ------ | 19.9 | ---- |
| KXB6127 | 4.7 | -- | 1.0 | - | 8.8 | -- | 4.7 | --- | 5.9 | - |
| KXB6129 | 8.5 | --- | 1.6 | - | 14.1 | ---- | 9.9 | ----- | 20.9 | ---- |
| KXB6303 | 7.0 | --- | 8.3 | --- | 6.5 | -- | 8.5 | ---- | 15.1 | --- |
| KXB6307 | 2.6 | - | 1.4 | - | 1.6 | - | 2.1 | - | 5.2 | - |
| KXB6125 | 3.3 | - | 4.5 | -- | 9.1 | --- | 0.7 | - | 4.9 | - |
| Mas 08.F | 3.1 | - | 2.2 | - | 4.5 | - | 2.2 | -- | 7.0 | -- |
| DFI44724 | 6.5 | --- | 0.3 | - | 5.3 | -- | 2.7 | -- | 12.1 | -- |
| ES Scorpion | 5.6 | -- | 1.8 | - | 2.8 | - | 3.8 | -- | 21.0 | ---- |
| LG 30.222 | 4.1 | -- | 1.1 | - | 3.0 | - | 2.5 | -- | 12.7 | --- |
| P7524 | 8.4 | --- | 4.1 | -- | 10.5 | --- | 8.4 | ---- | 16.7 | --- |
| Lidano | 8.7 | --- | 2.1 | - | 10.0 | --- | 2.5 | -- | 24.2 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 2.9 | - | 1.2 | - | 2.8 | - | 1.4 | - | 5.7 | - |
| Versuchs-Mittel | 7.0 | --- | 4.0 | -- | 8.7 | -- | 6.2 | --- | 15.7 | --- |
| | | | | | | | | | | |
| VK [%] | 71.6 | | 84.0 | | 49.7 | | 63.9 | | 51.1 | |
| KGD (5%) | 3.0 | | 5.5 | | 7.1 | | 6.4 | | 13.0 | |
| KGD (1%) | 4.0 | | 7.3 | | 9.4 | | 8.6 | | 17.3 | |
| Versuchs-Streuung | 5.0 | | 3.4 | | 4.3 | | 3.9 | | 7.9 | |
| FG Fehlerterm | 405.0 | | 58.0 | | 58.0 | | 58.0 | | 57.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 13159.3 | 29 | 17.96 | *** | 1.50 | 0.0000 |
| Anbauorte | 10475.6 | 6 | 69.10 | *** | 2.12 | 0.0000 |
| WW Verf.*Anb.Orte | 11748.7 | 174 | 2.67 | *** | 1.23 | 0.0001 |
| Fehler | 10233.2 | 405 | | | | |
| Insgesamt | 45616.8 | 614 | | | | |

## Charbon [%] / Beulenbrand [%]

| Verfahren | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|
| Schobbi CS | 4.6 | --- | 2.0 | -- | 2.5 | - |
| DKC 3333 | 5.9 | --- | 0.0 | - | 2.0 | - |
| Kompetens | 3.5 | -- | 0.0 | - | 3.0 | - |
| LG 31.211 | 1.0 | - | 1.8 | -- | 4.2 | - |
| Spyci CS | 3.5 | -- | 3.3 | --- | 2.9 | - |
| Karibous | 0.0 | - | 1.0 | - | 7.0 | --- |
| SY Amboss | 6.6 | --- | 1.1 | - | 12.7 | ----- |
| EQ3048 | 8.3 | ---- | 0.0 | - | 6.2 | -- |
| ES Amazing | 0.5 | - | 0.0 | - | 9.5 | ---- |
| Amanova | 6.2 | --- | 5.6 | ---- | 5.5 | -- |
| Maxillo | 8.4 | ---- | 1.0 | - | 21.7 | --------- |
| Kaprillias | 8.6 | ---- | 4.1 | --- | 8.1 | --- |
| RGT Orbitexx | 12.1 | ------ | 1.0 | - | 13.6 | ----- |
| RH16004 | 11.5 | ----- | 1.0 | - | 8.2 | --- |
| ER3050 | 1.6 | - | 1.0 | - | 6.5 | -- |
| Mikolai | 9.8 | ----- | 5.3 | ---- | 7.6 | --- |
| SY Skandik | 0.0 | - | 0.0 | - | 2.6 | - |
| Xyz | 19.0 | --------- | 3.4 | --- | 21.2 | -------- |
| LZM166/71 | 1.0 | - | 1.0 | - | 9.9 | ---- |
| KXB6127 | 4.6 | --- | 0.0 | - | 7.8 | --- |
| KXB6129 | 7.3 | ---- | 2.0 | -- | 3.4 | - |
| KXB6303 | 6.8 | --- | 1.1 | - | 3.0 | - |
| KXB6307 | 3.7 | -- | 0.0 | - | 4.0 | - |
| KXB6125 | 0.0 | - | 0.0 | - | 4.2 | - |
| Mas 08.F | 1.0 | - | 0.0 | - | 4.9 | -- |
| DFI44724 | 8.0 | ---- | 11.6 | --------- | 5.2 | -- |
| ES Scorpion | 1.0 | - | 0.0 | - | 8.9 | --- |
| LG 30.222 | 1.6 | - | 2.2 | -- | 5.8 | -- |
| P7524 | 12.1 | ------ | 0.0 | - | 6.9 | --- |
| Lidano | 11.9 | ------ | 4.5 | ---- | 5.6 | -- |
| | | | | | | |
| -Bezugsgrösse(n) | 4.0 | -- | 2.6 | -- | 2.7 | - |
| Versuchs-Mittel | 5.7 | --- | 1.8 | -- | 7.2 | --- |
| | | | | | | |
| VK [%] | 80.8 | | 152.4 | | 88.9 | |
| KGD (5%) | 7.5 | | 4.5 | | 10.4 | |
| KGD (1%) | 10.0 | | 6.0 | | ns | |
| Versuchs-Streuung | 4.6 | | 2.7 | | 6.4 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Pyrales, plantes touchées [%] / mit Maiszünsler befallene Pflanzen [%]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 2.4 | ---- | 2.9 | ---- | 0.7 | --- | 3.7 | ----- |
| DKC 3333 | 1.0 | - | 0.0 | - | 1.0 | ---- | 2.1 | -- |
| Kompetens | 1.0 | - | 1.7 | -- | 0.3 | -- | 1.0 | - |
| LG 31.211 | 1.4 | -- | 1.8 | --- | 0.3 | -- | 2.2 | -- |
| Spyci CS | 2.5 | ---- | 3.4 | ---- | 1.7 | ------- | 2.4 | --- |
| Karibous | 3.0 | ----- | 3.8 | ----- | 0.3 | -- | 4.8 | ------ |
| SY Amboss | 2.7 | ----- | 4.6 | ------ | 1.3 | ----- | 2.2 | -- |
| EQ3048 | 1.9 | --- | 0.7 | - | 0.4 | -- | 4.7 | ------ |
| ES Amazing | 1.9 | --- | 2.6 | --- | 1.0 | ---- | 2.1 | -- |
| Amanova | 1.9 | --- | 2.0 | --- | 0.3 | -- | 3.3 | ---- |
| Maxillo | 4.4 | --------- | 7.1 | --------- | 0.7 | --- | 5.4 | ------- |
| Kaprillias | 2.5 | ---- | 3.5 | ----- | 0.7 | --- | 3.2 | ---- |
| RGT Orbitexx | 1.6 | -- | 1.0 | -- | 1.7 | ------- | 2.1 | -- |
| RH16004 | 2.3 | ---- | 2.4 | --- | 0.0 | - | 4.4 | ------ |
| ER3050 | 1.9 | --- | 1.7 | --- | 0.0 | - | 3.9 | ----- |
| Mikolai | 2.3 | ---- | 1.6 | -- | 0.4 | -- | 4.9 | ------ |
| SY Skandik | 1.2 | - | 2.1 | --- | 0.3 | -- | 1.1 | - |
| Xyz | 1.9 | --- | 2.4 | --- | 1.0 | ---- | 2.1 | -- |
| LZM166/71 | 2.7 | ----- | 2.1 | --- | 0.0 | - | 5.9 | -------- |
| KXB6127 | 2.0 | --- | 0.3 | - | 1.4 | ------ | 4.4 | ------ |
| KXB6129 | 2.4 | ---- | 2.6 | ---- | 0.3 | -- | 4.3 | ----- |
| KXB6303 | 3.4 | ------ | 2.6 | ---- | 1.0 | ---- | 6.5 | --------- |
| KXB6307 | 2.0 | --- | 3.0 | ---- | 0.3 | -- | 2.6 | --- |
| KXB6125 | 3.1 | ------ | 1.5 | -- | 1.7 | ------- | 6.1 | -------- |
| Mas 08.F | 4.0 | -------- | 5.2 | ------ | 2.2 | --------- | 4.5 | ------ |
| DFI44724 | 2.2 | --- | 2.8 | ---- | 0.4 | -- | 3.5 | ---- |
| ES Scorpion | 3.6 | ------- | 7.1 | --------- | 1.4 | ------ | 2.2 | -- |
| LG 30.222 | 1.4 | - | 1.2 | -- | 0.0 | - | 2.9 | --- |
| P7524 | 2.3 | ---- | 2.7 | ---- | 0.3 | -- | 3.9 | ----- |
| Lidano | 2.0 | --- | 2.1 | --- | 0.7 | --- | 3.3 | ---- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 2.5 | ---- | 3.2 | ---- | 1.2 | ----- | 3.1 | ---- |
| Versuchs-Mittel | 2.3 | ---- | 2.6 | ---- | 0.7 | --- | 3.5 | ---- |
| | | | | | | | | |
| VK [%] | 83.0 | | 82.3 | | 157.6 | | 62.7 | |
| KGD (5%) | 1.8 | | 3.5 | | ns | | ns | |
| KGD (1%) | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 1.9 | | 2.2 | | 1.2 | | 2.2 | |
| FG Fehlerterm | 174.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 9.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 174.0 | 29 | 1.66 | * | 1.53 | 0.0251 |
| Anbauorte | 363.0 | 2 | 50.24 | *** | 3.04 | 0.0000 |
| WW Verf.*Anb.Orte | 284.7 | 58 | 1.36 | ns | 1.40 | 0.0673 |
| Fehler | 628.7 | 174 | | | | |
| Insgesamt | 1450.4 | 263 | | | | |

## Impression générale [note] / Allgemeiner Eindruck [Note]

| Verfahren | Seriemittel | | 1567 Delley FR | |
|---|---|---|---|---|
| Schobbi CS | 3.0 | --- | 3.0 | --- |
| DKC 3333 | 3.0 | --- | 3.0 | --- |
| Kompetens | 3.0 | --- | 3.0 | --- |
| LG 31.211 | 2.7 | -- | 2.7 | -- |
| Spyci CS | 3.0 | --- | 3.0 | --- |
| Karibous | 2.3 | - | 2.3 | - |
| SY Amboss | 4.0 | ----- | 4.0 | ----- |
| EQ3048 | 3.3 | --- | 3.3 | --- |
| ES Amazing | 3.7 | ---- | 3.7 | ---- |
| Amanova | 3.0 | --- | 3.0 | --- |
| Maxillo | 2.7 | -- | 2.7 | -- |
| Kaprillias | 3.0 | --- | 3.0 | --- |
| RGT Orbitexx | 2.3 | - | 2.3 | - |
| RH16004 | 3.0 | --- | 3.0 | --- |
| ER3050 | 2.3 | - | 2.3 | - |
| Mikolai | 4.3 | ----- | 4.3 | ----- |
| SY Skandik | 3.0 | --- | 3.0 | --- |
| Xyz | 6.0 | --------- | 6.0 | --------- |
| LZM166/71 | 2.7 | -- | 2.7 | -- |
| KXB6127 | 3.7 | ---- | 3.7 | ---- |
| KXB6129 | 2.7 | -- | 2.7 | -- |
| KXB6303 | 3.0 | --- | 3.0 | --- |
| KXB6307 | 2.7 | -- | 2.7 | -- |
| KXB6125 | 3.3 | --- | 3.3 | --- |
| Mas 08.F | 2.3 | - | 2.3 | - |
| DFI44724 | 3.7 | ---- | 3.7 | ---- |
| ES Scorpion | 3.3 | --- | 3.3 | --- |
| LG 30.222 | 2.0 | - | 2.0 | - |
| P7524 | 3.0 | --- | 3.0 | --- |
| Lidano | 4.3 | ----- | 4.3 | ----- |
| | | | | |
| -Bezugsgrösse(n) | 3.0 | --- | 3.0 | --- |
| Versuchs-Mittel | 3.1 | --- | 3.1 | --- |
| | | | | |
| VK [%] | 23.1 | | 23.1 | |
| KGD (5%) | 1.2 | | 1.2 | |
| KGD (1%) | 1.6 | | 1.6 | |
| Versuchs-Streuung | 0.7 | | 0.7 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Densité [plantes/m²] / Bestandesdichte [Pflanzen/m²]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 10.1 | ------- | 9.3 | ----- | 8.5 | ----- | 10.0 | ------- | 9.6 | ------ |
| DKC 3333 | 9.7 | ----- | 9.3 | ----- | 8.5 | ----- | 9.6 | ---- | 9.3 | ----- |
| Kompetens | 10.4 | --------- | 10.2 | -------- | 8.4 | ---- | 10.0 | ------- | 10.1 | -------- |
| LG 31.211 | 9.6 | ---- | 9.4 | ----- | 8.3 | --- | 9.3 | --- | 9.3 | ----- |
| Spyci CS | 10.0 | ------ | 9.8 | ------- | 8.5 | ----- | 9.5 | ---- | 9.7 | ------ |
| Karibous | 10.4 | -------- | 10.4 | --------- | 8.5 | ----- | 9.8 | ------ | 10.3 | --------- |
| SY Amboss | 9.9 | ------ | 9.5 | ------ | 8.5 | ----- | 10.2 | --------- | 9.4 | ----- |
| EQ3048 | 9.7 | ----- | 9.9 | ------- | 8.5 | ----- | 9.2 | -- | 9.2 | ----- |
| ES Amazing | 9.8 | ----- | 9.6 | ------ | 8.5 | ----- | 9.6 | ----- | 9.6 | ------ |
| Amanova | 9.9 | ------ | 9.9 | ------- | 8.5 | ----- | 9.8 | ------ | 9.5 | ------ |
| Maxillo | 10.0 | ------ | 9.9 | ------- | 8.5 | ----- | 9.9 | ------- | 9.7 | ------- |
| Kaprillias | 10.0 | ------ | 9.6 | ------ | 8.5 | ----- | 9.8 | ------ | 10.3 | --------- |
| RGT Orbitexx | 10.2 | ------- | 10.1 | -------- | 8.5 | ----- | 10.0 | ------- | 9.5 | ------ |
| RH16004 | 10.1 | ------- | 9.6 | ------ | 8.5 | ----- | 9.7 | ----- | 10.0 | ------- |
| ER3050 | 9.6 | ---- | 9.5 | ------ | 8.5 | ----- | 9.5 | ---- | 8.8 | --- |
| Mikolai | 9.0 | - | 8.3 | -- | 8.3 | --- | 9.0 | - | 8.1 | - |
| SY Skandik | 10.0 | ------ | 9.6 | ------ | 8.5 | ----- | 9.5 | ---- | 9.6 | ------ |
| Xyz | 9.5 | ---- | 8.0 | - | 8.5 | ----- | 9.6 | ---- | 9.4 | ----- |
| LZM166/71 | 10.1 | ------- | 9.5 | ------ | 8.5 | ----- | 9.9 | ------- | 9.7 | ------ |
| KXB6127 | 9.9 | ----- | 9.8 | ------- | 8.2 | -- | 9.3 | --- | 9.8 | ------- |
| KXB6129 | 10.2 | ------- | 10.3 | -------- | 9.0 | --------- | 10.0 | ------- | 10.1 | -------- |
| KXB6303 | 10.2 | ------- | 10.0 | ------- | 8.5 | ----- | 9.5 | ---- | 10.2 | -------- |
| KXB6307 | 9.7 | ----- | 9.1 | ---- | 8.0 | - | 10.0 | ------- | 9.3 | ----- |
| KXB6125 | 9.9 | ------ | 10.4 | --------- | 8.5 | ----- | 9.8 | ------ | 9.8 | ------- |
| Mas 08.F | 9.7 | ----- | 9.4 | ----- | 8.5 | ----- | 9.1 | - | 9.5 | ------ |
| DFI44724 | 9.4 | --- | 9.0 | ---- | 8.5 | ----- | 9.3 | --- | 8.8 | --- |
| ES Scorpion | 9.7 | ---- | 9.3 | ----- | 8.5 | ----- | 9.3 | -- | 9.6 | ------ |
| LG 30.222 | 9.4 | --- | 9.0 | ---- | 8.1 | -- | 9.1 | - | 9.3 | ----- |
| P7524 | 9.7 | ----- | 9.6 | ------ | 8.4 | ---- | 9.6 | ---- | 9.6 | ------ |
| Lidano | 9.5 | ---- | 9.5 | ------ | 8.3 | --- | 9.6 | ---- | 9.3 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 10.0 | ------ | 9.6 | ------ | 8.5 | ----- | 9.7 | ------ | 9.6 | ------ |
| Versuchs-Mittel | 9.8 | ----- | 9.6 | ------ | 8.5 | ---- | 9.6 | ----- | 9.5 | ------ |
| | | | | | | | | | | |
| VK [%] | 5.5 | | 6.2 | | 3.3 | | 6.1 | | 5.6 | |
| KGD (5%) | 0.3 | | 1.0 | | ns | | ns | | 0.9 | |
| KGD (1%) | 0.4 | | 1.3 | | ns | | ns | | 1.2 | |
| Versuchs-Streuung | 0.5 | | 0.6 | | 0.3 | | 0.6 | | 0.5 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 69.5 | 29 | 8.28 | *** | 1.49 | 0.0000 |
| Anbauorte | 322.6 | 7 | 159.21 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 69.1 | 203 | 1.18 | ns | 1.21 | |
| Fehler | 134.3 | 464 | | | | |
| Insgesamt | 595.4 | 703 | | | | |

## Densité [plantes/m²] / Bestandesdichte [Pflanzen/m²]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 11.2 | ------- | 10.6 | ----- | 10.8 | ------ | 10.6 | ----- |
| DKC 3333 | 10.3 | --- | 10.2 | --- | 9.7 | ---- | 10.6 | ----- |
| Kompetens | 10.8 | ----- | 11.3 | --------- | 10.9 | ------ | 11.5 | --------- |
| LG 31.211 | 10.1 | -- | 10.4 | ---- | 9.5 | --- | 10.5 | ---- |
| Spyci CS | 10.5 | ---- | 10.8 | ------ | 10.1 | ---- | 10.8 | ----- |
| Karibous | 10.7 | ----- | 10.6 | ----- | 12.4 | --------- | 10.6 | ----- |
| SY Amboss | 10.7 | ----- | 10.5 | ----- | 9.9 | ---- | 10.7 | ----- |
| EQ3048 | 10.3 | --- | 10.4 | ---- | 9.7 | --- | 10.3 | ---- |
| ES Amazing | 10.4 | --- | 10.6 | ----- | 10.0 | ---- | 10.4 | ---- |
| Amanova | 10.4 | --- | 10.1 | --- | 10.4 | ----- | 10.8 | ----- |
| Maxillo | 10.7 | ----- | 10.6 | ----- | 10.3 | ----- | 10.6 | ----- |
| Kaprillias | 10.7 | ----- | 10.6 | ----- | 10.4 | ----- | 10.5 | ---- |
| RGT Orbitexx | 11.5 | --------- | 10.9 | ------ | 10.3 | ----- | 10.8 | ----- |
| RH16004 | 11.3 | -------- | 10.9 | ------- | 10.3 | ----- | 10.8 | ------ |
| ER3050 | 10.5 | ---- | 10.0 | -- | 9.9 | ---- | 9.8 | -- |
| Mikolai | 10.2 | -- | 9.7 | - | 8.2 | - | 10.1 | --- |
| SY Skandik | 11.1 | ------- | 10.3 | ---- | 10.3 | ----- | 10.7 | ----- |
| Xyz | 10.6 | ---- | 10.3 | ---- | 9.3 | --- | 10.7 | ----- |
| LZM166/71 | 11.0 | ------ | 10.7 | ------ | 10.5 | ----- | 11.3 | ------- |
| KXB6127 | 10.7 | ----- | 10.4 | ---- | 10.2 | ---- | 10.3 | ---- |
| KXB6129 | 10.2 | --- | 10.4 | ---- | 10.4 | ----- | 10.9 | ------ |
| KXB6303 | 11.3 | ------- | 10.9 | ------ | 10.2 | ---- | 11.2 | ------- |
| KXB6307 | 10.1 | -- | 10.4 | ---- | 10.1 | ---- | 10.8 | ------ |
| KXB6125 | 10.4 | ---- | 10.3 | ---- | 9.8 | ---- | 10.2 | --- |
| Mas 08.F | 10.5 | ---- | 10.1 | --- | 10.0 | ---- | 10.4 | ---- |
| DFI44724 | 10.5 | ---- | 9.8 | - | 9.8 | ---- | 9.6 | - |
| ES Scorpion | 10.0 | - | 10.7 | ------ | 9.5 | --- | 10.6 | ----- |
| LG 30.222 | 10.3 | --- | 9.7 | - | 9.6 | --- | 10.2 | --- |
| P7524 | 9.8 | - | 10.5 | ----- | 10.0 | ---- | 10.4 | ---- |
| Lidano | 10.0 | -- | 10.2 | --- | 8.8 | -- | 10.6 | ----- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 10.8 | ----- | 10.7 | ------ | 10.5 | ----- | 10.7 | ----- |
| Versuchs-Mittel | 10.6 | ---- | 10.4 | ---- | 10.0 | ---- | 10.6 | ----- |
| | | | | | | | | |
| VK [%] | 5.7 | | 4.3 | | 7.4 | | 3.6 | |
| KGD (5%) | ns | | 0.7 | | 1.2 | | 0.6 | |
| KGD (1%) | ns | | ns | | 1.6 | | 0.8 | |
| Versuchs-Streuung | 0.6 | | 0.4 | | 0.7 | | 0.4 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Rendement brut [dt/ha] / Frischertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 581.5 | -- | 611.5 | --- | 443.1 | -- | 621.8 | --- | 561.5 | - |
| DKC 3333 | 587.2 | --- | 617.4 | --- | 433.5 | - | 651.3 | ---- | 626.0 | ---- |
| Kompetens | 609.1 | ---- | 634.6 | ---- | 471.9 | ---- | 673.3 | ----- | 646.4 | ----- |
| LG 31.211 | 599.5 | ---- | 621.2 | --- | 473.5 | ---- | 606.1 | -- | 650.1 | ----- |
| Spyci CS | 597.6 | ---- | 611.9 | --- | 465.6 | ---- | 687.8 | ----- | 613.1 | --- |
| Karibous | 617.5 | ----- | 678.0 | ------- | 509.4 | -------- | 719.2 | ------ | 684.2 | ------ |
| SY Amboss | 643.1 | ------- | 661.2 | ------ | 474.7 | ----- | 678.1 | ----- | 728.3 | --------- |
| EQ3048 | 586.9 | --- | 637.6 | ---- | 472.7 | ---- | 595.6 | - | 609.4 | --- |
| ES Amazing | 633.3 | ------ | 667.6 | ------ | 506.7 | -------- | 706.5 | ------ | 687.6 | ------- |
| Amanova | 629.5 | ------ | 690.5 | -------- | 449.7 | -- | 684.5 | ----- | 693.4 | ------- |
| Maxillo | 614.9 | ----- | 652.6 | ----- | 494.8 | ------- | 679.4 | ----- | 668.9 | ------ |
| Kaprillias | 639.5 | ------ | 685.2 | ------- | 488.2 | ------ | 713.7 | ------ | 683.3 | ------ |
| RGT Orbitexx | 625.6 | ------ | 638.8 | ---- | 435.6 | - | 669.8 | ---- | 612.7 | --- |
| RH16004 | 668.0 | -------- | 660.4 | ------ | 501.2 | ------- | 731.8 | ------- | 669.5 | ------ |
| ER3050 | 669.6 | --------- | 698.4 | -------- | 480.1 | ----- | 723.1 | ------- | 713.7 | -------- |
| Mikolai | 578.5 | -- | 616.3 | --- | 454.8 | --- | 615.8 | -- | 651.4 | ----- |
| SY Skandik | 633.2 | ------ | 624.4 | ---- | 498.5 | ------- | 687.1 | ----- | 691.7 | ------- |
| Xyz | 567.8 | - | 577.1 | - | 433.1 | - | 613.8 | -- | 611.8 | --- |
| LZM166/71 | 609.7 | ---- | 615.8 | --- | 458.3 | --- | 697.8 | ------ | 647.9 | ----- |
| KXB6127 | 650.6 | ------- | 686.4 | ------- | 516.2 | --------- | 683.9 | ----- | 701.4 | ------- |
| KXB6129 | 659.0 | -------- | 709.1 | --------- | 498.4 | ------- | 752.7 | -------- | 693.5 | ------- |
| KXB6303 | 580.2 | -- | 643.5 | ----- | 478.4 | ----- | 647.3 | ---- | 641.4 | ---- |
| KXB6307 | 668.9 | --------- | 706.3 | -------- | 512.0 | -------- | 771.1 | --------- | 729.5 | --------- |
| KXB6125 | 659.2 | -------- | 682.2 | ------- | 495.7 | ------- | 710.3 | ------ | 689.6 | ------- |
| Mas 08.F | 555.9 | - | 572.8 | - | 468.9 | ---- | 573.9 | - | 602.7 | --- |
| DFI44724 | 594.8 | --- | 624.4 | ---- | 482.9 | ----- | 662.2 | ---- | 593.3 | -- |
| ES Scorpion | 663.4 | -------- | 691.3 | -------- | 460.3 | --- | 746.0 | -------- | 671.1 | ------ |
| LG 30.222 | 595.0 | --- | 591.0 | -- | 487.7 | ------ | 714.2 | ------ | 634.5 | ---- |
| P7524 | 586.6 | --- | 632.1 | ---- | 487.5 | ------ | 639.4 | --- | 670.1 | ------ |
| Lidano | 576.5 | -- | 590.5 | -- | 437.9 | - | 602.3 | -- | 622.2 | --- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 589.6 | --- | 611.7 | --- | 454.4 | --- | 654.8 | ---- | 587.3 | -- |
| Versuchs-Mittel | 616.1 | ----- | 644.3 | ----- | 475.7 | ----- | 675.3 | ----- | 656.7 | ----- |
| | | | | | | | | | | |
| VK [%] | 6.4 | | 5.7 | | 5.4 | | 8.1 | | 6.7 | |
| KGD (5%) | 22.2 | | 59.6 | | 42.0 | | 89.5 | | 72.0 | |
| KGD (1%) | 29.2 | | 79.2 | | 55.8 | | 119.1 | | 95.7 | |
| Versuchs-Streuung | 39.1 | | 36.4 | | 25.7 | | 54.8 | | 44.0 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 796740.1 | 29 | 17.95 | *** | 1.49 | 0.0000 |
| Anbauorte | 6314020.9 | 7 | 589.19 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 550724.6 | 203 | 1.77 | *** | 1.21 | 0.0007 |
| Fehler | 710345.6 | 464 | | | | |
| Insgesamt | 8371831.2 | 703 | | | | |

## Rendement brut [dt/ha] / Frischertrag [dt/ha]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 668.4 | ---- | 648.6 | -- | 440.2 | ----- | 656.9 | ---- |
| DKC 3333 | 669.1 | ---- | 625.0 | - | 426.8 | ---- | 648.8 | ---- |
| Kompetens | 675.9 | ---- | 621.7 | - | 449.9 | ------ | 699.4 | ------ |
| LG 31.211 | 720.0 | ----- | 644.5 | -- | 438.5 | ----- | 641.6 | ---- |
| Spyci CS | 724.8 | ----- | 642.6 | -- | 416.7 | --- | 618.6 | --- |
| Karibous | 670.0 | ---- | 646.7 | -- | 407.5 | -- | 625.4 | --- |
| SY Amboss | 729.6 | ------ | 711.4 | ------ | 468.2 | -------- | 693.8 | ------ |
| EQ3048 | 690.7 | ---- | 649.2 | -- | 421.5 | --- | 618.6 | --- |
| ES Amazing | 715.5 | ----- | 652.8 | --- | 406.8 | -- | 722.7 | ------- |
| Amanova | 743.2 | ------ | 659.5 | --- | 451.9 | ------ | 663.4 | ---- |
| Maxillo | 647.8 | --- | 660.6 | --- | 433.9 | ---- | 681.4 | ----- |
| Kaprillias | 737.4 | ------ | 683.0 | ---- | 445.6 | ----- | 679.3 | ----- |
| RGT Orbitexx | 783.7 | ------- | 655.7 | --- | 478.9 | --------- | 729.6 | ------- |
| RH16004 | 823.1 | --------- | 712.6 | ------ | 464.4 | ------- | 781.0 | --------- |
| ER3050 | 768.1 | ------- | 755.6 | --------- | 447.6 | ------ | 770.3 | -------- |
| Mikolai | 614.6 | -- | 638.9 | -- | 400.2 | - | 635.7 | --- |
| SY Skandik | 732.2 | ------ | 701.2 | ----- | 463.4 | ------- | 667.4 | ----- |
| Xyz | 589.1 | - | 621.3 | - | 434.5 | ---- | 661.9 | ---- |
| LZM166/71 | 698.4 | ----- | 626.9 | - | 477.4 | -------- | 655.2 | ---- |
| KXB6127 | 760.9 | ------- | 674.2 | ---- | 451.8 | ------ | 730.2 | ------- |
| KXB6129 | 735.5 | ------ | 716.6 | ------ | 446.8 | ------ | 719.1 | ------ |
| KXB6303 | 630.6 | -- | 625.1 | - | 394.4 | - | 581.0 | -- |
| KXB6307 | 730.6 | ------ | 738.2 | -------- | 440.8 | ----- | 722.9 | ------- |
| KXB6125 | 787.2 | ------- | 722.1 | ------- | 446.7 | ------ | 740.1 | ------- |
| Mas 08.F | 571.6 | - | 620.5 | - | 407.7 | -- | 629.2 | --- |
| DFI44724 | 656.2 | --- | 659.9 | --- | 422.6 | --- | 656.6 | ---- |
| ES Scorpion | 799.4 | -------- | 706.8 | ------ | 462.7 | ------- | 769.3 | -------- |
| LG 30.222 | 632.2 | --- | 652.8 | --- | 429.2 | ---- | 618.3 | --- |
| P7524 | 662.2 | --- | 619.8 | - | 426.2 | ---- | 555.4 | - |
| Lidano | 642.2 | --- | 627.1 | - | 436.9 | ----- | 652.9 | ---- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 696.6 | ----- | 645.6 | -- | 428.4 | ---- | 637.7 | ---- |
| Versuchs-Mittel | 700.3 | ----- | 664.0 | --- | 438.0 | ----- | 674.2 | ----- |
| | | | | | | | | |
| VK [%] | 5.8 | | 5.9 | | 6.7 | | 5.3 | |
| KGD (5%) | 66.9 | | 63.5 | | 48.2 | | 58.2 | |
| KGD (1%) | 88.9 | | 84.5 | | ns | | 77.5 | |
| Versuchs-Streuung | 40.9 | | 38.9 | | 29.5 | | 35.6 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Rendement en matière sèche [dt/ha] / TS Ertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 227.6 | ----- | 208.2 | ---- | 171.1 | ---- | 246.8 | ---- | 208.5 | -- |
| DKC 3333 | 216.9 | --- | 203.1 | ---- | 159.2 | -- | 251.9 | ----- | 215.0 | --- |
| Kompetens | 224.0 | ---- | 207.0 | ---- | 177.1 | ----- | 261.5 | ------ | 236.9 | ------- |
| LG 31.211 | 225.8 | ----- | 209.2 | ---- | 175.5 | ----- | 224.9 | -- | 227.8 | ----- |
| Spyci CS | 234.2 | ------ | 218.9 | ------ | 177.6 | ------ | 256.1 | ----- | 218.0 | ---- |
| Karibous | 232.2 | ------ | 215.9 | ----- | 189.2 | -------- | 265.3 | ------ | 228.7 | ----- |
| SY Amboss | 239.5 | ------- | 212.5 | ----- | 173.3 | ----- | 252.3 | ----- | 245.2 | -------- |
| EQ3048 | 223.8 | ---- | 208.2 | ---- | 173.2 | ----- | 220.9 | - | 225.0 | ----- |
| ES Amazing | 236.6 | ------- | 218.7 | ------ | 185.6 | ------- | 259.2 | ----- | 238.9 | ------- |
| Amanova | 246.6 | -------- | 228.6 | ------- | 175.2 | ----- | 255.9 | ----- | 250.7 | --------- |
| Maxillo | 233.1 | ------ | 214.8 | ----- | 184.4 | ------- | 256.4 | ----- | 223.7 | ----- |
| Kaprillias | 243.7 | -------- | 221.8 | ------ | 187.5 | ------- | 272.0 | ------- | 244.5 | -------- |
| RGT Orbitexx | 235.9 | ------ | 212.1 | ----- | 162.5 | --- | 251.9 | ----- | 222.7 | ---- |
| RH16004 | 241.6 | ------- | 218.6 | ------ | 182.6 | ------ | 267.2 | ------ | 221.1 | ---- |
| ER3050 | 238.3 | ------- | 220.2 | ------ | 168.1 | ---- | 269.8 | ------- | 231.9 | ------ |
| Mikolai | 212.7 | --- | 199.8 | --- | 164.0 | --- | 231.2 | -- | 207.3 | -- |
| SY Skandik | 234.1 | ------ | 209.8 | ----- | 182.9 | ------- | 245.3 | ---- | 229.3 | ----- |
| Xyz | 200.7 | - | 180.5 | - | 151.2 | - | 216.5 | - | 196.5 | - |
| LZM166/71 | 241.5 | ------- | 212.5 | ----- | 184.4 | ------- | 275.7 | ------- | 239.7 | ------- |
| KXB6127 | 246.0 | -------- | 233.6 | -------- | 193.9 | --------- | 261.5 | ------ | 250.5 | --------- |
| KXB6129 | 245.1 | -------- | 224.8 | ------- | 192.4 | -------- | 286.3 | --------- | 240.0 | ------- |
| KXB6303 | 237.4 | ------- | 227.7 | ------- | 190.7 | -------- | 255.6 | ----- | 243.7 | -------- |
| KXB6307 | 243.0 | -------- | 239.7 | --------- | 176.3 | ----- | 276.2 | ------- | 238.4 | ------- |
| KXB6125 | 248.7 | --------- | 237.3 | -------- | 185.2 | ------- | 270.0 | ------- | 249.3 | -------- |
| Mas 08.F | 222.9 | ---- | 200.7 | --- | 183.0 | ------- | 233.0 | -- | 222.6 | ---- |
| DFI44724 | 226.2 | ----- | 202.2 | ---- | 176.9 | ----- | 255.8 | ----- | 208.8 | -- |
| ES Scorpion | 241.6 | ------- | 217.3 | ------ | 168.9 | ---- | 264.8 | ------ | 227.6 | ----- |
| LG 30.222 | 225.7 | ----- | 204.9 | ---- | 179.5 | ------ | 255.8 | ----- | 207.4 | -- |
| P7524 | 230.8 | ------ | 220.7 | ------ | 181.0 | ------ | 238.1 | --- | 244.8 | -------- |
| Lidano | 222.0 | ---- | 200.0 | --- | 172.2 | ----- | 227.0 | -- | 221.7 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 230.9 | ------ | 213.5 | ----- | 174.4 | ----- | 251.4 | ----- | 213.3 | --- |
| Versuchs-Mittel | 232.6 | ------ | 214.3 | ----- | 177.5 | ------ | 253.5 | ----- | 228.9 | ----- |
| | | | | | | | | | | |
| VK [%] | 6.8 | | 6.9 | | 5.2 | | 8.7 | | 7.1 | |
| KGD (5%) | 8.9 | | 24.2 | | 15.0 | | 36.1 | | 26.7 | |
| KGD (1%) | 11.8 | | 32.2 | | 19.9 | | ns | | 35.5 | |
| Versuchs-Streuung | 15.8 | | 14.8 | | 9.2 | | 22.1 | | 16.3 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 85860.0 | 29 | 11.91 | *** | 1.49 | 0.0000 |
| Anbauorte | 596326.2 | 7 | 342.83 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 62446.8 | 203 | 1.24 | ns | 1.21 | |
| Fehler | 115299.5 | 464 | | | | |
| Insgesamt | 859932.5 | 703 | | | | |

## Rendement en matière sèche [dt/ha] / TS Ertrag [dt/ha]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 260.1 | ----- | 258.2 | ----- | 214.0 | ------ | 254.3 | ----- |
| DKC 3333 | 248.4 | ---- | 241.0 | -- | 203.6 | ---- | 213.1 | - |
| Kompetens | 249.4 | ---- | 236.2 | - | 204.8 | ---- | 219.1 | - |
| LG 31.211 | 239.6 | --- | 246.2 | --- | 217.7 | ------- | 265.8 | ------ |
| Spyci CS | 280.8 | ------- | 256.6 | ---- | 207.4 | ----- | 257.8 | ------ |
| Karibous | 262.8 | ----- | 256.4 | ---- | 198.0 | --- | 241.5 | ---- |
| SY Amboss | 272.7 | ------ | 277.8 | -------- | 220.4 | ------- | 262.1 | ------ |
| EQ3048 | 266.9 | ------ | 250.3 | --- | 193.0 | -- | 252.6 | ----- |
| ES Amazing | 270.0 | ------ | 265.6 | ------ | 198.3 | --- | 256.8 | ----- |
| Amanova | 296.0 | --------- | 284.8 | --------- | 220.2 | ------- | 261.5 | ------ |
| Maxillo | 250.4 | ---- | 262.9 | ----- | 211.4 | ------ | 261.1 | ------ |
| Kaprillias | 275.9 | ------- | 261.6 | ----- | 215.9 | ------ | 270.4 | ------- |
| RGT Orbitexx | 288.6 | -------- | 250.3 | --- | 219.8 | ------- | 279.3 | -------- |
| RH16004 | 293.7 | -------- | 259.7 | ----- | 213.6 | ------ | 276.3 | -------- |
| ER3050 | 269.6 | ------ | 267.7 | ------ | 203.7 | ---- | 275.2 | ------- |
| Mikolai | 242.5 | ---- | 234.9 | - | 182.7 | - | 239.6 | ---- |
| SY Skandik | 274.2 | ------- | 254.3 | ---- | 217.2 | ------- | 260.1 | ------ |
| Xyz | 211.2 | - | 232.9 | - | 184.2 | - | 232.5 | --- |
| LZM166/71 | 284.1 | ------- | 245.3 | --- | 228.9 | --------- | 261.2 | ------ |
| KXB6127 | 278.5 | ------- | 258.0 | ---- | 213.5 | ------ | 278.7 | -------- |
| KXB6129 | 267.9 | ------ | 258.6 | ----- | 219.3 | ------- | 271.1 | ------- |
| KXB6303 | 262.9 | ----- | 259.8 | ----- | 198.5 | --- | 259.9 | ------ |
| KXB6307 | 273.3 | ------ | 261.3 | ----- | 212.7 | ------ | 266.3 | ------ |
| KXB6125 | 294.5 | -------- | 264.8 | ------ | 212.1 | ------ | 276.4 | -------- |
| Mas 08.F | 252.2 | ---- | 254.5 | ---- | 205.6 | ----- | 231.6 | --- |
| DFI44724 | 262.3 | ----- | 250.8 | --- | 199.2 | --- | 253.5 | ----- |
| ES Scorpion | 292.1 | -------- | 263.1 | ----- | 213.5 | ------ | 285.5 | --------- |
| LG 30.222 | 250.2 | ---- | 247.1 | --- | 212.7 | ------ | 248.3 | ---- |
| P7524 | 261.8 | ----- | 251.8 | ---- | 210.1 | ----- | 238.3 | --- |
| Lidano | 252.5 | ----- | 239.8 | -- | 204.6 | ---- | 258.2 | ------ |
| | | | | | | | | |
| -Bezugsgrösse(n) | 270.4 | ------ | 257.4 | ---- | 210.7 | ----- | 256.0 | ----- |
| Versuchs-Mittel | 266.2 | ------ | 255.1 | ---- | 208.6 | ----- | 256.9 | ----- |
| | | | | | | | | |
| VK [%] | 6.1 | | 5.5 | | 6.1 | | 6.9 | |
| KGD (5%) | 26.4 | | 22.8 | | 20.8 | | 29.0 | |
| KGD (1%) | 35.2 | | 30.3 | | 27.7 | | 38.5 | |
| Versuchs-Streuung | 16.2 | | 13.9 | | 12.7 | | 17.7 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Précocité [% MS] / Frühreife [% TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 39.5 | ------ | 34.1 | ------ | 38.6 | ------ | 39.7 | ------- | 37.3 | -------- |
| DKC 3333 | 37.4 | --- | 33.0 | --- | 36.7 | ---- | 38.7 | ------ | 34.4 | ---- |
| Kompetens | 37.2 | --- | 32.7 | --- | 37.5 | ----- | 38.8 | ------ | 36.6 | ------- |
| LG 31.211 | 38.3 | ---- | 33.7 | ----- | 37.2 | ---- | 37.1 | --- | 35.2 | ----- |
| Spyci CS | 39.6 | ------ | 35.7 | --------- | 38.2 | ------ | 37.2 | ---- | 35.5 | ----- |
| Karibous | 38.3 | ---- | 31.9 | - | 37.1 | ---- | 36.9 | --- | 33.5 | --- |
| SY Amboss | 37.7 | --- | 32.1 | -- | 36.5 | --- | 37.2 | ---- | 33.8 | --- |
| EQ3048 | 38.5 | ----- | 32.7 | --- | 36.6 | ---- | 37.2 | --- | 37.0 | ------- |
| ES Amazing | 38.0 | ---- | 32.8 | --- | 36.7 | ---- | 36.7 | --- | 34.7 | ---- |
| Amanova | 39.7 | ------ | 33.1 | ---- | 39.0 | ------- | 37.4 | ---- | 36.2 | ------ |
| Maxillo | 38.4 | ---- | 32.9 | --- | 37.3 | ---- | 37.8 | ---- | 33.5 | --- |
| Kaprillias | 38.6 | ----- | 32.3 | -- | 38.4 | ------ | 38.2 | ----- | 35.9 | ------ |
| RGT Orbitexx | 38.0 | ---- | 33.2 | ---- | 37.4 | ----- | 37.6 | ---- | 36.5 | ------- |
| RH16004 | 36.7 | -- | 33.0 | ---- | 36.5 | --- | 36.5 | -- | 33.1 | -- |
| ER3050 | 36.0 | - | 31.6 | - | 35.0 | - | 37.3 | ---- | 32.5 | -- |
| Mikolai | 37.3 | --- | 32.5 | --- | 36.1 | --- | 37.7 | ---- | 31.8 | - |
| SY Skandik | 37.4 | --- | 33.6 | ----- | 36.7 | ---- | 35.7 | - | 33.1 | -- |
| Xyz | 35.6 | - | 31.4 | - | 34.9 | - | 35.3 | - | 32.2 | - |
| LZM166/71 | 39.9 | ------- | 34.6 | ------ | 40.3 | --------- | 39.5 | ------- | 37.1 | ------- |
| KXB6127 | 38.3 | ---- | 34.1 | ------ | 37.6 | ----- | 38.3 | ----- | 35.7 | ------ |
| KXB6129 | 37.9 | ---- | 31.7 | - | 38.6 | ------ | 38.0 | ----- | 34.6 | ---- |
| KXB6303 | 41.4 | --------- | 35.4 | -------- | 39.9 | -------- | 39.5 | ------- | 37.9 | --------- |
| KXB6307 | 36.9 | -- | 34.0 | ----- | 34.5 | - | 35.8 | - | 32.7 | -- |
| KXB6125 | 38.2 | ---- | 34.9 | ------- | 37.3 | ----- | 37.9 | ----- | 36.2 | ------ |
| Mas 08.F | 40.5 | ------- | 35.1 | ------- | 39.0 | ------- | 40.5 | --------- | 36.9 | ------- |
| DFI44724 | 38.3 | ---- | 32.4 | -- | 36.6 | ---- | 38.6 | ------ | 35.2 | ----- |
| ES Scorpion | 37.0 | -- | 31.5 | - | 36.7 | ---- | 35.5 | - | 33.9 | --- |
| LG 30.222 | 38.5 | ----- | 34.7 | ------- | 36.8 | ---- | 36.0 | -- | 32.7 | -- |
| P7524 | 39.8 | ------ | 34.9 | ------- | 37.1 | ---- | 37.2 | ---- | 36.6 | ------- |
| Lidano | 38.9 | ----- | 33.9 | ----- | 39.4 | ------- | 37.7 | ---- | 35.6 | ------ |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 39.6 | ------ | 34.9 | ------- | 38.4 | ------ | 38.5 | ----- | 36.4 | ------- |
| Versuchs-Mittel | 38.3 | ---- | 33.3 | ---- | 37.3 | ----- | 37.6 | ---- | 34.9 | ----- |
| | | | | | | | | | | |
| VK [%] | 5.2 | | 5.5 | | 2.8 | | 3.9 | | 5.2 | |
| KGD (5%) | 1.1 | | ns | | 1.7 | | 2.4 | | 3.0 | |
| KGD (1%) | 1.5 | | ns | | 2.3 | | 3.2 | | 3.9 | |
| Versuchs-Streuung | 2.0 | | 1.8 | | 1.0 | | 1.5 | | 1.8 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 1161.3 | 29 | 10.30 | *** | 1.49 | 0.0000 |
| Anbauorte | 11686.9 | 7 | 429.64 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 1157.8 | 203 | 1.47 | ns | 1.21 | |
| Fehler | 1803.1 | 464 | | | | |
| Insgesamt | 15809.1 | 703 | | | | |

## Précocité [% MS] / Frühreife [% TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 38.9 | ----- | 39.9 | ----- | 48.8 | ------- | 38.7 | ----- |
| DKC 3333 | 37.2 | --- | 38.8 | ---- | 47.8 | ------ | 32.9 | -- |
| Kompetens | 36.9 | --- | 38.1 | --- | 45.7 | ---- | 31.3 | - |
| LG 31.211 | 33.4 | - | 38.4 | ---- | 49.6 | -------- | 41.6 | ------- |
| Spyci CS | 38.7 | ----- | 40.2 | ------ | 49.8 | -------- | 41.7 | ------- |
| Karibous | 39.2 | ----- | 39.7 | ----- | 49.1 | ------- | 38.7 | ----- |
| SY Amboss | 37.4 | ---- | 39.2 | ---- | 47.3 | ----- | 37.8 | ---- |
| EQ3048 | 38.7 | ----- | 38.7 | ---- | 46.2 | ---- | 40.8 | ------ |
| ES Amazing | 37.7 | ---- | 41.0 | ------ | 48.9 | ------- | 35.5 | --- |
| Amanova | 39.8 | ----- | 43.2 | --------- | 49.1 | ------- | 39.5 | ----- |
| Maxillo | 38.8 | ----- | 40.1 | ----- | 48.9 | ------- | 38.4 | ----- |
| Kaprillias | 37.4 | ---- | 38.5 | ---- | 48.5 | ------- | 39.8 | ------ |
| RGT Orbitexx | 36.8 | --- | 38.4 | ---- | 46.2 | ---- | 38.3 | ----- |
| RH16004 | 35.7 | -- | 36.6 | -- | 47.2 | ----- | 35.4 | --- |
| ER3050 | 35.1 | -- | 35.4 | - | 45.5 | --- | 35.7 | --- |
| Mikolai | 39.5 | ----- | 36.8 | -- | 46.3 | ---- | 37.7 | ---- |
| SY Skandik | 37.4 | ---- | 36.3 | - | 47.0 | ----- | 39.1 | ----- |
| Xyz | 35.8 | -- | 37.4 | --- | 42.7 | - | 35.1 | --- |
| LZM166/71 | 40.7 | ------ | 39.2 | ---- | 48.1 | ------ | 40.0 | ------ |
| KXB6127 | 36.6 | --- | 38.3 | ---- | 47.4 | ----- | 38.2 | ----- |
| KXB6129 | 36.4 | --- | 36.6 | -- | 49.1 | ------- | 37.7 | ---- |
| KXB6303 | 41.7 | ------- | 41.6 | ------- | 50.6 | --------- | 44.8 | --------- |
| KXB6307 | 37.4 | ---- | 35.5 | - | 48.6 | ------- | 36.9 | ---- |
| KXB6125 | 37.5 | ---- | 36.7 | -- | 47.7 | ------ | 37.4 | ---- |
| Mas 08.F | 44.2 | --------- | 41.2 | ------- | 50.5 | --------- | 36.8 | ---- |
| DFI44724 | 40.0 | ----- | 38.0 | --- | 47.1 | ----- | 38.6 | ----- |
| ES Scorpion | 36.5 | --- | 37.6 | --- | 46.9 | ----- | 37.1 | ---- |
| LG 30.222 | 39.6 | ----- | 38.0 | --- | 49.7 | -------- | 40.3 | ------ |
| P7524 | 39.5 | ----- | 40.7 | ------ | 49.2 | ------- | 42.9 | -------- |
| Lidano | 39.4 | ----- | 38.3 | ---- | 47.1 | ----- | 39.6 | ------ |
| | | | | | | | | |
| -Bezugsgrösse(n) | 38.8 | ----- | 40.1 | ----- | 49.3 | ------- | 40.2 | ------ |
| Versuchs-Mittel | 38.1 | ---- | 38.6 | ---- | 47.9 | ------ | 38.3 | ----- |
| | | | | | | | | |
| VK [%] | 4.3 | | 5.8 | | 5.3 | | 6.9 | |
| KGD (5%) | 2.7 | | 3.7 | | ns | | 4.3 | |
| KGD (1%) | 3.5 | | ns | | ns | | 5.8 | |
| Versuchs-Streuung | 1.6 | | 2.2 | | 2.6 | | 2.7 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Rendement en MOD [dt/ha] / VOS Ertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 160.4 | ----- | 143.0 | ----- | 127.5 | ---- | 172.7 | ----- | 146.4 | --- |
| DKC 3333 | 151.9 | --- | 137.3 | ---- | 119.9 | --- | 177.6 | ----- | 147.9 | --- |
| Kompetens | 157.9 | ----- | 137.9 | ---- | 132.3 | ------ | 183.3 | ------ | 164.4 | ------- |
| LG 31.211 | 156.2 | ---- | 145.0 | ----- | 127.1 | ---- | 153.2 | - | 154.3 | ----- |
| Spyci CS | 163.7 | ------ | 148.7 | ------ | 131.9 | ------ | 179.1 | ------ | 152.8 | ---- |
| Karibous | 163.2 | ------ | 147.2 | ----- | 141.1 | -------- | 189.9 | ------- | 158.6 | ------ |
| SY Amboss | 162.9 | ------ | 140.9 | ---- | 127.4 | ---- | 173.9 | ----- | 163.6 | ------- |
| EQ3048 | 156.3 | ---- | 143.1 | ----- | 126.5 | ---- | 153.0 | - | 161.6 | ------ |
| ES Amazing | 162.6 | ------ | 145.9 | ----- | 134.3 | ------ | 175.5 | ----- | 166.0 | ------- |
| Amanova | 171.4 | -------- | 159.4 | -------- | 128.5 | ----- | 173.3 | ----- | 171.4 | -------- |
| Maxillo | 164.1 | ------ | 148.3 | ------ | 136.1 | ------ | 180.5 | ------ | 157.6 | ----- |
| Kaprillias | 171.3 | -------- | 151.8 | ------ | 138.6 | ------- | 189.6 | ------- | 172.9 | -------- |
| RGT Orbitexx | 164.7 | ------ | 144.3 | ----- | 119.3 | --- | 171.4 | ---- | 162.2 | ------ |
| RH16004 | 165.4 | ------- | 145.2 | ----- | 132.9 | ------ | 180.7 | ------ | 147.0 | --- |
| ER3050 | 169.5 | -------- | 153.1 | ------- | 127.4 | ---- | 190.8 | -------- | 163.5 | ------- |
| Mikolai | 150.7 | --- | 138.5 | ---- | 120.6 | --- | 161.0 | --- | 148.0 | --- |
| SY Skandik | 163.3 | ------ | 143.9 | ----- | 134.9 | ------ | 172.6 | ----- | 160.3 | ------ |
| Xyz | 139.5 | - | 121.0 | - | 110.7 | - | 148.5 | - | 134.2 | - |
| LZM166/71 | 167.8 | ------- | 142.6 | ----- | 136.6 | ------- | 188.3 | ------- | 164.3 | ------- |
| KXB6127 | 172.6 | -------- | 159.3 | -------- | 145.3 | --------- | 179.2 | ------ | 173.6 | --------- |
| KXB6129 | 167.2 | ------- | 147.1 | ----- | 141.2 | -------- | 197.2 | --------- | 163.9 | ------- |
| KXB6303 | 164.7 | ------ | 156.5 | ------- | 139.5 | ------- | 173.6 | ----- | 167.6 | ------- |
| KXB6307 | 172.5 | -------- | 163.2 | -------- | 134.9 | ------ | 196.3 | -------- | 165.9 | ------- |
| KXB6125 | 174.0 | --------- | 164.5 | --------- | 136.4 | ------- | 187.5 | ------- | 168.9 | -------- |
| Mas 08.F | 157.3 | ----- | 137.6 | ---- | 135.6 | ------ | 166.0 | --- | 155.8 | ----- |
| DFI44724 | 154.2 | ---- | 134.0 | --- | 127.9 | ----- | 173.0 | ----- | 138.5 | - |
| ES Scorpion | 163.6 | ------ | 142.6 | ----- | 122.0 | --- | 183.7 | ------ | 149.2 | ---- |
| LG 30.222 | 158.3 | ----- | 144.2 | ----- | 133.6 | ------ | 172.6 | ----- | 140.9 | -- |
| P7524 | 158.2 | ----- | 144.8 | ----- | 134.2 | ------ | 164.1 | --- | 170.2 | -------- |
| Lidano | 153.2 | ---- | 134.3 | --- | 126.6 | ---- | 158.2 | -- | 152.6 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 162.1 | ------ | 145.9 | ----- | 129.7 | ----- | 175.9 | ----- | 149.6 | ---- |
| Versuchs-Mittel | 162.0 | ------ | 145.5 | ----- | 131.0 | ----- | 175.5 | ----- | 158.1 | ----- |
| | | | | | | | | | | |
| VK [%] | 7.5 | | 8.2 | | 5.1 | | 9.9 | | 8.4 | |
| KGD (5%) | 6.9 | | 19.6 | | 10.9 | | ns | | 21.6 | |
| KGD (1%) | 9.1 | | ns | | 14.5 | | ns | | ns | |
| Versuchs-Streuung | 12.1 | | 12.0 | | 6.7 | | 17.4 | | 13.2 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 41044.7 | 29 | 9.62 | *** | 1.49 | 0.0000 |
| Anbauorte | 257283.3 | 7 | 249.84 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 34940.2 | 203 | 1.17 | ns | 1.21 | |
| Fehler | 68260.3 | 464 | | | | |
| Insgesamt | 401528.6 | 703 | | | | |

## Rendement en MOD [dt/ha] / VOS Ertrag [dt/ha]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 184.5 | ----- | 181.2 | ----- | 149.9 | ------- | 178.0 | ----- |
| DKC 3333 | 173.3 | ---- | 172.0 | -- | 137.4 | ---- | 149.6 | - |
| Kompetens | 175.6 | ---- | 168.0 | -- | 146.1 | ------ | 155.1 | -- |
| LG 31.211 | 165.4 | --- | 171.3 | -- | 147.2 | ------- | 186.5 | ------- |
| Spyci CS | 198.2 | ------- | 181.0 | ----- | 139.1 | ---- | 179.0 | ------ |
| Karibous | 183.2 | ----- | 183.8 | ----- | 138.2 | ---- | 163.6 | --- |
| SY Amboss | 185.0 | ----- | 187.0 | ------ | 147.7 | ------- | 177.7 | ----- |
| EQ3048 | 185.0 | ----- | 174.6 | --- | 133.5 | --- | 173.3 | ----- |
| ES Amazing | 183.0 | ----- | 186.1 | ------ | 136.1 | --- | 173.7 | ----- |
| Amanova | 209.4 | --------- | 199.1 | --------- | 149.4 | ------- | 180.5 | ------ |
| Maxillo | 175.4 | ---- | 187.1 | ------ | 145.7 | ------ | 182.2 | ------ |
| Kaprillias | 189.8 | ------ | 185.0 | ----- | 150.0 | ------- | 192.9 | -------- |
| RGT Orbitexx | 201.9 | -------- | 174.3 | --- | 151.0 | -------- | 193.4 | -------- |
| RH16004 | 202.0 | -------- | 179.8 | ---- | 148.2 | ------- | 187.2 | ------- |
| ER3050 | 187.1 | ------ | 196.1 | -------- | 141.7 | ----- | 196.5 | -------- |
| Mikolai | 171.7 | ---- | 166.0 | - | 127.6 | - | 172.6 | ---- |
| SY Skandik | 190.1 | ------ | 180.9 | ----- | 149.2 | ------- | 174.7 | ----- |
| Xyz | 146.7 | - | 163.6 | - | 126.5 | - | 164.6 | --- |
| LZM166/71 | 197.7 | ------- | 171.1 | -- | 154.6 | --------- | 186.9 | ------- |
| KXB6127 | 193.4 | ------- | 183.9 | ----- | 148.9 | ------- | 197.4 | --------- |
| KXB6129 | 178.9 | ----- | 184.6 | ----- | 143.3 | ----- | 181.5 | ------ |
| KXB6303 | 182.5 | ----- | 185.2 | ----- | 137.9 | ---- | 174.9 | ----- |
| KXB6307 | 193.2 | ------- | 189.7 | ------ | 149.3 | ------- | 187.1 | ------- |
| KXB6125 | 208.8 | --------- | 184.7 | ----- | 147.9 | ------- | 193.7 | -------- |
| Mas 08.F | 174.9 | ---- | 183.2 | ----- | 143.1 | ----- | 162.1 | --- |
| DFI44724 | 183.7 | ----- | 171.7 | -- | 131.8 | -- | 172.8 | ---- |
| ES Scorpion | 194.7 | ------- | 180.8 | ---- | 142.8 | ----- | 193.2 | -------- |
| LG 30.222 | 172.6 | ---- | 177.7 | ---- | 150.2 | ------- | 174.4 | ----- |
| P7524 | 174.6 | ---- | 176.7 | ---- | 140.9 | ----- | 159.9 | -- |
| Lidano | 171.2 | ---- | 165.6 | - | 141.0 | ----- | 176.5 | ----- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 191.4 | ------ | 181.1 | ----- | 144.5 | ------ | 178.5 | ----- |
| Versuchs-Mittel | 184.4 | ----- | 179.7 | ---- | 143.2 | ----- | 178.1 | ----- |
| | | | | | | | | |
| VK [%] | 6.9 | | 5.4 | | 6.2 | | 7.4 | |
| KGD (5%) | 20.9 | | 15.9 | | 14.4 | | 21.6 | |
| KGD (1%) | 27.8 | | 21.1 | | ns | | 28.7 | |
| Versuchs-Streuung | 12.8 | | 9.7 | | 8.8 | | 13.2 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Rendement en amidon [dt/ha] / Stärke Ertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 83.2 | ------ | 70.9 | ------ | 69.4 | ----- | 87.9 | ----- | 79.5 | ----- |
| DKC 3333 | 73.9 | ---- | 62.5 | --- | 67.0 | ---- | 84.5 | ---- | 68.0 | --- |
| Kompetens | 78.5 | ----- | 62.6 | --- | 72.5 | ------ | 87.9 | ----- | 83.0 | ------ |
| LG 31.211 | 77.1 | ----- | 75.1 | -------- | 67.3 | ---- | 75.0 | -- | 74.9 | ---- |
| Spyci CS | 83.0 | ------ | 71.1 | ------ | 71.6 | ------ | 90.0 | ------ | 83.9 | ------ |
| Karibous | 83.9 | ------ | 72.4 | ------- | 79.7 | -------- | 103.0 | -------- | 81.4 | ------ |
| SY Amboss | 74.9 | ---- | 62.8 | --- | 66.4 | ---- | 84.6 | ---- | 74.7 | ---- |
| EQ3048 | 78.1 | ----- | 71.7 | ------ | 68.8 | ----- | 80.2 | --- | 84.8 | ------- |
| ES Amazing | 77.9 | ----- | 65.7 | ---- | 68.5 | ----- | 84.4 | ---- | 84.7 | ------ |
| Amanova | 84.6 | ------- | 76.1 | -------- | 70.7 | ----- | 81.3 | ---- | 83.9 | ------ |
| Maxillo | 85.9 | ------- | 76.2 | -------- | 73.4 | ------ | 96.1 | ------- | 86.7 | ------- |
| Kaprillias | 87.2 | ------- | 74.6 | ------- | 76.5 | ------- | 95.3 | ------- | 93.7 | --------- |
| RGT Orbitexx | 82.0 | ------ | 71.4 | ------ | 61.1 | --- | 77.0 | --- | 93.2 | -------- |
| RH16004 | 75.4 | ---- | 64.9 | ---- | 65.2 | ---- | 80.7 | --- | 61.2 | - |
| ER3050 | 85.4 | ------- | 74.1 | ------- | 67.0 | ---- | 93.2 | ------ | 86.1 | ------- |
| Mikolai | 78.9 | ----- | 68.4 | ----- | 65.8 | ---- | 83.6 | ---- | 78.8 | ----- |
| SY Skandik | 79.7 | ----- | 72.2 | ------- | 69.7 | ----- | 85.3 | ---- | 84.9 | ------- |
| Xyz | 63.8 | - | 54.0 | - | 54.0 | - | 68.4 | - | 59.7 | - |
| LZM166/71 | 84.4 | ------- | 71.2 | ------ | 77.6 | ------- | 88.1 | ----- | 83.5 | ------ |
| KXB6127 | 85.7 | ------- | 74.0 | ------- | 81.7 | --------- | 83.5 | ---- | 92.3 | -------- |
| KXB6129 | 81.1 | ------ | 67.5 | ----- | 76.7 | ------- | 96.9 | ------- | 85.2 | ------- |
| KXB6303 | 83.7 | ------ | 77.8 | -------- | 76.7 | ------- | 86.8 | ----- | 88.8 | ------- |
| KXB6307 | 91.1 | --------- | 77.9 | -------- | 76.5 | ------- | 103.5 | --------- | 92.8 | -------- |
| KXB6125 | 86.3 | ------- | 78.4 | --------- | 71.9 | ------ | 92.9 | ------ | 84.2 | ------ |
| Mas 08.F | 79.5 | ----- | 64.8 | ---- | 72.5 | ------ | 82.1 | ---- | 83.6 | ------ |
| DFI44724 | 73.9 | ---- | 61.2 | --- | 65.2 | ---- | 79.4 | --- | 64.6 | -- |
| ES Scorpion | 76.8 | ---- | 65.5 | ---- | 60.8 | --- | 91.9 | ------ | 69.7 | --- |
| LG 30.222 | 77.7 | ----- | 71.7 | ------ | 72.0 | ------ | 73.7 | -- | 67.0 | -- |
| P7524 | 74.1 | ---- | 63.9 | ---- | 73.0 | ------ | 72.7 | -- | 86.6 | ------- |
| Lidano | 74.8 | ---- | 65.3 | ---- | 67.4 | ---- | 75.4 | -- | 76.6 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 83.1 | ------ | 71.0 | ------ | 70.5 | ----- | 89.0 | ----- | 81.7 | ------ |
| Versuchs-Mittel | 80.1 | ----- | 69.5 | ------ | 70.2 | ----- | 85.5 | ----- | 80.6 | ------ |
| | | | | | | | | | | |
| VK [%] | 11.7 | | 11.0 | | 7.6 | | 15.4 | | 13.7 | |
| KGD (5%) | 5.3 | | 12.5 | | 8.7 | | ns | | 18.1 | |
| KGD (1%) | 7.0 | | ns | | 11.6 | | ns | | 24.1 | |
| Versuchs-Streuung | 9.4 | | 7.7 | | 5.3 | | 13.1 | | 11.1 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 21279.0 | 29 | 8.34 | *** | 1.49 | 0.0000 |
| Anbauorte | 49710.7 | 7 | 80.72 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 21912.4 | 203 | 1.23 | ns | 1.21 | |
| Fehler | 40822.1 | 464 | | | | |
| Insgesamt | 133724.2 | 703 | | | | |

## Rendement en amidon [dt/ha] / Stärke Ertrag [dt/ha]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 88.3 | ------ | 96.0 | ----- | 81.7 | --------- | 91.7 | ------ |
| DKC 3333 | 79.6 | ----- | 89.6 | --- | 66.8 | --- | 72.7 | - |
| Kompetens | 80.0 | ----- | 86.5 | -- | 76.3 | ------- | 79.1 | -- |
| LG 31.211 | 73.8 | ---- | 86.0 | -- | 70.2 | ---- | 94.4 | ------ |
| Spyci CS | 95.4 | -------- | 92.5 | ---- | 66.2 | --- | 93.3 | ------ |
| Karibous | 87.4 | ------ | 100.6 | ------- | 72.5 | ----- | 74.2 | - |
| SY Amboss | 78.8 | ----- | 85.5 | -- | 69.1 | ---- | 77.5 | -- |
| EQ3048 | 82.1 | ----- | 85.7 | -- | 68.9 | ---- | 82.2 | --- |
| ES Amazing | 76.4 | ---- | 95.1 | ----- | 67.6 | --- | 80.6 | --- |
| Amanova | 101.4 | --------- | 103.4 | -------- | 73.4 | ------ | 86.7 | ---- |
| Maxillo | 84.0 | ------ | 102.4 | ------- | 74.5 | ------ | 94.2 | ------ |
| Kaprillias | 85.5 | ------ | 97.2 | ------ | 74.2 | ------ | 100.5 | -------- |
| RGT Orbitexx | 96.3 | -------- | 87.6 | --- | 75.7 | ------ | 93.8 | ------ |
| RH16004 | 92.7 | ------- | 87.6 | --- | 71.0 | ----- | 79.8 | -- |
| ER3050 | 81.2 | ----- | 106.2 | -------- | 71.9 | ----- | 103.2 | --------- |
| Mikolai | 87.5 | ------ | 87.2 | --- | 66.1 | --- | 93.6 | ------ |
| SY Skandik | 80.4 | ----- | 94.6 | ----- | 73.5 | ------ | 76.9 | -- |
| Xyz | 55.0 | - | 80.7 | - | 59.9 | - | 78.6 | -- |
| LZM166/71 | 90.8 | ------- | 86.1 | -- | 76.4 | ------- | 101.9 | -------- |
| KXB6127 | 80.6 | ----- | 94.6 | ----- | 75.6 | ------ | 103.2 | --------- |
| KXB6129 | 70.8 | --- | 96.3 | ----- | 65.2 | --- | 90.1 | ----- |
| KXB6303 | 75.7 | ---- | 107.0 | --------- | 73.3 | ------ | 83.3 | --- |
| KXB6307 | 95.2 | -------- | 104.3 | -------- | 79.2 | -------- | 99.1 | -------- |
| KXB6125 | 99.7 | -------- | 92.8 | ---- | 71.3 | ----- | 99.3 | -------- |
| Mas 08.F | 76.0 | ---- | 99.5 | ------ | 72.5 | ----- | 85.1 | ---- |
| DFI44724 | 84.0 | ------ | 87.0 | --- | 61.9 | - | 87.7 | ----- |
| ES Scorpion | 77.1 | ---- | 88.9 | --- | 66.8 | --- | 93.7 | ------ |
| LG 30.222 | 76.0 | ---- | 95.2 | ----- | 76.9 | ------- | 88.7 | ----- |
| P7524 | 67.6 | --- | 84.5 | -- | 67.6 | --- | 77.0 | -- |
| Lidano | 74.5 | ---- | 83.4 | - | 69.1 | ---- | 86.6 | ---- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 91.8 | ------- | 94.3 | ----- | 73.9 | ------ | 92.5 | ------ |
| Versuchs-Mittel | 82.5 | ----- | 92.8 | ---- | 71.2 | ----- | 88.3 | ----- |
| | | | | | | | | |
| VK [%] | 12.4 | | 8.5 | | 9.6 | | 11.8 | |
| KGD (5%) | 16.7 | | 12.9 | | ns | | 17.0 | |
| KGD (1%) | 22.2 | | 17.2 | | ns | | 22.6 | |
| Versuchs-Streuung | 10.2 | | 7.9 | | 6.9 | | 10.4 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Digestibilité (NIRS) [g./kg MS] / Gehalt verdauliche organische Substanz (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 705.8 | ------- | 686.7 | ------ | 745.3 | ----- | 699.3 | ----- | 702.3 | ------ |
| DKC 3333 | 701.4 | ------ | 676.3 | ---- | 753.3 | ------ | 704.3 | ------ | 688.3 | ---- |
| Kompetens | 705.1 | ------- | 666.7 | --- | 747.0 | ----- | 698.0 | ----- | 692.7 | ----- |
| LG 31.211 | 692.4 | ---- | 693.0 | ------- | 724.0 | - | 680.0 | -- | 677.7 | --- |
| Spyci CS | 699.8 | ------ | 679.7 | ----- | 742.3 | ---- | 699.7 | ----- | 701.3 | ------ |
| Karibous | 703.5 | ------ | 682.0 | ----- | 746.0 | ----- | 716.0 | --------- | 694.0 | ----- |
| SY Amboss | 681.8 | - | 663.0 | -- | 735.7 | --- | 688.7 | --- | 667.0 | -- |
| EQ3048 | 699.5 | ------ | 687.3 | ------ | 730.7 | -- | 692.0 | ---- | 717.7 | ------- |
| ES Amazing | 688.6 | --- | 667.0 | --- | 723.3 | - | 678.0 | - | 695.3 | ----- |
| Amanova | 696.1 | ----- | 697.0 | -------- | 733.3 | --- | 678.0 | - | 682.3 | ---- |
| Maxillo | 704.5 | ------- | 689.3 | ------ | 738.7 | ---- | 704.0 | ------ | 705.0 | ------ |
| Kaprillias | 704.0 | ------- | 684.0 | ----- | 739.3 | ---- | 697.0 | ----- | 708.0 | ------ |
| RGT Orbitexx | 699.8 | ------ | 679.0 | ----- | 735.0 | --- | 680.0 | -- | 728.3 | --------- |
| RH16004 | 685.2 | -- | 662.0 | -- | 727.7 | -- | 676.3 | - | 663.7 | -- |
| ER3050 | 712.9 | --------- | 695.3 | ------- | 758.3 | ------- | 707.7 | ------- | 705.3 | ------ |
| Mikolai | 709.0 | -------- | 692.7 | ------- | 735.3 | --- | 696.7 | ----- | 713.7 | ------- |
| SY Skandik | 698.3 | ----- | 684.7 | ----- | 738.0 | --- | 703.3 | ------ | 698.7 | ----- |
| Xyz | 695.7 | ----- | 671.0 | --- | 732.0 | -- | 686.3 | --- | 684.3 | ---- |
| LZM166/71 | 695.4 | ----- | 671.0 | --- | 740.0 | ---- | 683.0 | -- | 685.7 | ---- |
| KXB6127 | 702.8 | ------ | 681.7 | ----- | 749.3 | ------ | 685.7 | --- | 692.3 | ----- |
| KXB6129 | 683.0 | -- | 654.7 | - | 734.3 | --- | 688.7 | --- | 682.0 | ---- |
| KXB6303 | 694.6 | ---- | 687.0 | ------ | 731.3 | -- | 679.0 | - | 687.7 | ---- |
| KXB6307 | 711.0 | -------- | 679.0 | ----- | 765.3 | --------- | 710.7 | -------- | 696.0 | ----- |
| KXB6125 | 700.5 | ------ | 693.0 | ------- | 736.0 | --- | 693.0 | ---- | 677.3 | --- |
| Mas 08.F | 705.6 | ------- | 685.7 | ------ | 741.0 | ---- | 709.7 | ------- | 700.0 | ------ |
| DFI44724 | 681.7 | - | 663.3 | -- | 722.7 | - | 676.0 | - | 663.0 | -- |
| ES Scorpion | 678.1 | - | 656.3 | - | 724.0 | - | 692.3 | ---- | 652.7 | - |
| LG 30.222 | 702.4 | ------ | 703.7 | --------- | 744.3 | ----- | 674.7 | - | 679.3 | --- |
| P7524 | 686.3 | -- | 655.7 | - | 741.3 | ---- | 688.3 | --- | 695.0 | ----- |
| Lidano | 691.7 | ---- | 671.7 | --- | 735.7 | --- | 697.3 | ----- | 687.7 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 702.8 | ------ | 683.2 | ----- | 743.8 | ----- | 699.5 | ----- | 701.8 | ------ |
| Versuchs-Mittel | 697.2 | ----- | 678.6 | ----- | 738.4 | ---- | 692.1 | ---- | 690.8 | ----- |
| | | | | | | | | | | |
| VK [%] | 2.5 | | 2.7 | | 1.9 | | 3.0 | | 3.2 | |
| KGD (5%) | 10.0 | | ns | | ns | | ns | | 36.0 | |
| KGD (1%) | 13.1 | | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 17.6 | | 18.3 | | 13.7 | | 20.5 | | 22.0 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 59536.6 | 29 | 6.65 | *** | 1.49 | 0.0000 |
| Anbauorte | 207269.7 | 7 | 95.95 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 65993.4 | 203 | 1.05 | ns | 1.21 | |
| Fehler | 143188.8 | 464 | | | | |
| Insgesamt | 475988.4 | 703 | | | | |

## Digestibilité (NIRS) [g./kg MS] / Gehalt verdauliche organische Substanz (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 709.3 | --------- | 702.0 | ---- | 701.7 | ------- | 700.0 | ----- |
| DKC 3333 | 696.7 | ------ | 714.0 | ------ | 675.3 | ---- | 703.0 | ------ |
| Kompetens | 704.0 | -------- | 711.3 | ------ | 713.7 | --------- | 707.3 | ------- |
| LG 31.211 | 690.2 | ----- | 695.7 | ---- | 676.3 | ---- | 702.0 | ------ |
| Spyci CS | 706.0 | -------- | 705.3 | ----- | 670.0 | --- | 694.0 | ---- |
| Karibous | 697.0 | ------ | 716.7 | ------ | 700.0 | ------- | 676.7 | -- |
| SY Amboss | 678.5 | --- | 673.3 | - | 670.3 | --- | 677.7 | -- |
| EQ3048 | 693.3 | ------ | 697.7 | ---- | 691.7 | ------ | 685.7 | --- |
| ES Amazing | 677.2 | --- | 701.3 | ---- | 689.3 | ----- | 677.0 | -- |
| Amanova | 707.3 | -------- | 702.3 | ----- | 678.3 | ---- | 690.3 | ---- |
| Maxillo | 700.7 | ------- | 711.7 | ------ | 689.0 | ----- | 697.7 | ----- |
| Kaprillias | 687.7 | ----- | 707.0 | ----- | 695.0 | ------ | 714.0 | -------- |
| RGT Orbitexx | 699.0 | ------- | 696.7 | ---- | 687.3 | ----- | 693.0 | ---- |
| RH16004 | 688.0 | ----- | 692.7 | --- | 694.0 | ------ | 677.3 | -- |
| ER3050 | 694.0 | ------ | 732.7 | --------- | 695.3 | ------ | 714.7 | -------- |
| Mikolai | 707.8 | -------- | 707.0 | ----- | 698.7 | ------- | 720.3 | --------- |
| SY Skandik | 692.0 | ----- | 711.3 | ------ | 687.0 | ----- | 671.3 | - |
| Xyz | 694.5 | ------ | 703.0 | ----- | 686.7 | ----- | 707.7 | ------- |
| LZM166/71 | 696.0 | ------ | 697.3 | ---- | 674.3 | --- | 715.7 | -------- |
| KXB6127 | 694.3 | ------ | 712.7 | ------ | 698.3 | ------- | 708.0 | ------- |
| KXB6129 | 667.7 | - | 713.7 | ------ | 653.0 | - | 669.7 | - |
| KXB6303 | 693.2 | ------ | 712.3 | ------ | 695.0 | ------ | 671.3 | - |
| KXB6307 | 706.7 | -------- | 726.0 | -------- | 701.3 | ------- | 702.7 | ------ |
| KXB6125 | 709.3 | --------- | 697.7 | ---- | 697.3 | ------ | 700.7 | ----- |
| Mas 08.F | 693.7 | ------ | 720.0 | ------- | 696.3 | ------ | 698.7 | ----- |
| DFI44724 | 700.2 | ------- | 684.7 | -- | 663.0 | -- | 681.0 | -- |
| ES Scorpion | 666.7 | - | 687.7 | --- | 668.7 | --- | 676.7 | -- |
| LG 30.222 | 689.3 | ----- | 719.3 | ------- | 706.0 | -------- | 702.7 | ------ |
| P7524 | 667.0 | - | 702.3 | ----- | 670.0 | --- | 670.3 | - |
| Lidano | 678.0 | --- | 690.3 | --- | 687.7 | ----- | 685.0 | --- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 707.7 | -------- | 703.7 | ----- | 685.8 | ----- | 697.0 | ----- |
| Versuchs-Mittel | 692.8 | ------ | 704.9 | ----- | 687.0 | ----- | 693.1 | ---- |
| | | | | | | | | |
| VK [%] | 2.3 | | 2.0 | | 2.6 | | 2.3 | |
| KGD (5%) | 26.1 | | 23.3 | | 29.5 | | 26.2 | |
| KGD (1%) | ns | | 31.0 | | ns | | 34.8 | |
| Versuchs-Streuung | 16.0 | | 14.3 | | 18.1 | | 16.0 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Teneur en amidon (NIRS) [g./kg MS] / Stärkegehalt (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 367.6 | ------- | 340.7 | ------ | 406.7 | ------ | 356.3 | ------ | 381.7 | ------- |
| DKC 3333 | 342.9 | ---- | 308.0 | --- | 421.3 | ------- | 335.0 | ---- | 316.7 | --- |
| Kompetens | 351.6 | ----- | 302.7 | -- | 409.7 | ------ | 330.0 | ---- | 350.0 | ----- |
| LG 31.211 | 342.9 | ---- | 359.0 | --------- | 383.0 | --- | 335.3 | ---- | 329.0 | ---- |
| Spyci CS | 355.2 | ------ | 324.0 | ----- | 402.3 | ----- | 351.7 | ------ | 384.7 | ------- |
| Karibous | 362.5 | ------- | 335.3 | ------ | 421.7 | ------- | 388.7 | --------- | 355.3 | ----- |
| SY Amboss | 315.5 | - | 296.0 | - | 383.0 | --- | 334.3 | ---- | 304.3 | -- |
| EQ3048 | 351.4 | ----- | 344.3 | ------- | 396.0 | ----- | 362.3 | ------- | 376.3 | ------ |
| ES Amazing | 331.8 | --- | 300.3 | -- | 369.3 | -- | 326.3 | ---- | 355.7 | ----- |
| Amanova | 345.0 | ----- | 332.7 | ------ | 403.7 | ----- | 319.7 | --- | 332.7 | ---- |
| Maxillo | 369.1 | -------- | 354.0 | -------- | 398.7 | ----- | 374.7 | ------- | 388.0 | ------- |
| Kaprillias | 359.5 | ------ | 335.7 | ------ | 408.0 | ------ | 350.3 | ------ | 384.7 | ------- |
| RGT Orbitexx | 350.0 | ----- | 334.7 | ------ | 378.0 | --- | 305.3 | -- | 418.3 | --------- |
| RH16004 | 312.8 | - | 294.3 | - | 356.7 | - | 302.3 | -- | 275.7 | - |
| ER3050 | 359.9 | ------- | 336.3 | ------ | 398.0 | ----- | 346.0 | ----- | 372.0 | ------ |
| Mikolai | 371.1 | -------- | 341.7 | ------- | 401.0 | ----- | 362.3 | ------- | 378.0 | ------ |
| SY Skandik | 342.0 | ---- | 343.0 | ------- | 381.0 | --- | 347.3 | ----- | 368.0 | ------ |
| Xyz | 318.1 | - | 299.3 | -- | 357.3 | - | 315.7 | --- | 304.7 | -- |
| LZM166/71 | 351.9 | ------ | 335.0 | ------ | 419.7 | ------- | 319.3 | --- | 348.7 | ----- |
| KXB6127 | 350.8 | ----- | 316.7 | ---- | 421.0 | ------- | 319.7 | --- | 367.0 | ------ |
| KXB6129 | 332.0 | --- | 300.7 | -- | 399.7 | ----- | 337.7 | ----- | 353.3 | ----- |
| KXB6303 | 354.0 | ------ | 342.0 | ------- | 402.0 | ----- | 338.3 | ----- | 364.3 | ------ |
| KXB6307 | 376.4 | --------- | 323.7 | ----- | 433.7 | --------- | 375.0 | -------- | 388.3 | ------- |
| KXB6125 | 347.6 | ----- | 330.0 | ----- | 386.7 | ---- | 341.7 | ----- | 338.0 | ---- |
| Mas 08.F | 356.5 | ------ | 323.0 | ---- | 395.3 | ----- | 346.7 | ----- | 375.7 | ------ |
| DFI44724 | 326.7 | -- | 302.3 | -- | 368.3 | -- | 309.7 | -- | 308.3 | -- |
| ES Scorpion | 319.3 | - | 301.7 | -- | 362.3 | - | 345.3 | ----- | 301.3 | -- |
| LG 30.222 | 346.0 | ----- | 349.7 | -------- | 401.0 | ----- | 287.7 | - | 322.7 | --- |
| P7524 | 323.8 | -- | 289.3 | - | 403.7 | ----- | 304.7 | -- | 353.7 | ----- |
| Lidano | 339.0 | ---- | 326.7 | ----- | 393.0 | ---- | 332.7 | ---- | 346.3 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 361.4 | ------- | 332.3 | ------ | 404.5 | ------ | 354.0 | ------ | 383.2 | ------- |
| Versuchs-Mittel | 345.8 | ----- | 324.1 | ----- | 395.4 | ----- | 336.7 | ---- | 351.4 | ----- |
| | | | | | | | | | | |
| VK [%] | 8.4 | | 6.5 | | 6.0 | | 10.5 | | 10.0 | |
| KGD (5%) | 16.5 | | 34.4 | | 38.6 | | ns | | 57.5 | |
| KGD (1%) | 21.7 | | 45.8 | | 51.3 | | ns | | 76.5 | |
| Versuchs-Streuung | 29.0 | | 21.1 | | 23.6 | | 35.5 | | 35.2 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 203126.8 | 29 | 8.31 | *** | 1.49 | 0.0000 |
| Anbauorte | 425811.2 | 7 | 72.14 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 223119.7 | 203 | 1.30 | ns | 1.21 | |
| Fehler | 391237.3 | 464 | | | | |
| Insgesamt | 1243295.0 | 703 | | | | |

## Teneur en amidon (NIRS) [g./kg MS] / Stärkegehalt (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 339.3 | ------- | 372.0 | ------ | 383.7 | --------- | 360.7 | ------ |
| DKC 3333 | 319.0 | ----- | 372.0 | ------ | 329.3 | ---- | 341.7 | ----- |
| Kompetens | 320.3 | ----- | 366.0 | ----- | 372.3 | -------- | 362.0 | ------ |
| LG 31.211 | 309.2 | ----- | 349.0 | ---- | 323.3 | --- | 355.3 | ------ |
| Spyci CS | 340.0 | ------- | 360.0 | ----- | 318.3 | --- | 361.0 | ------ |
| Karibous | 332.5 | ------ | 391.7 | ------- | 369.0 | ------- | 305.7 | -- |
| SY Amboss | 289.0 | --- | 307.7 | - | 314.3 | -- | 295.0 | - |
| EQ3048 | 308.0 | ----- | 342.0 | --- | 357.3 | ------ | 325.0 | --- |
| ES Amazing | 282.7 | --- | 358.7 | ----- | 346.3 | ----- | 315.0 | --- |
| Amanova | 342.0 | ------- | 365.3 | ----- | 333.0 | ---- | 331.3 | ---- |
| Maxillo | 335.0 | ------- | 389.3 | ------- | 352.7 | ------ | 360.7 | ------ |
| Kaprillias | 309.3 | ----- | 371.0 | ----- | 344.3 | ----- | 372.3 | ------- |
| RGT Orbitexx | 331.7 | ------ | 350.3 | ---- | 344.7 | ----- | 336.7 | ---- |
| RH16004 | 315.7 | ----- | 337.7 | --- | 332.0 | ---- | 288.3 | - |
| ER3050 | 301.0 | ---- | 397.0 | ------- | 352.7 | ------ | 376.0 | ------- |
| Mikolai | 359.8 | --------- | 371.3 | ----- | 364.0 | ------- | 390.3 | --------- |
| SY Skandik | 291.0 | --- | 371.7 | ------ | 338.3 | ---- | 295.3 | - |
| Xyz | 260.5 | - | 345.0 | --- | 325.3 | --- | 337.0 | ---- |
| LZM166/71 | 320.0 | ----- | 350.3 | ---- | 332.3 | ---- | 390.0 | --------- |
| KXB6127 | 290.0 | --- | 366.7 | ----- | 356.0 | ------ | 369.3 | ------- |
| KXB6129 | 264.2 | - | 372.7 | ------ | 295.7 | - | 332.0 | ---- |
| KXB6303 | 285.7 | --- | 412.0 | --------- | 370.0 | ------- | 317.7 | --- |
| KXB6307 | 347.7 | -------- | 399.0 | -------- | 371.3 | ------- | 372.3 | ------- |
| KXB6125 | 338.7 | ------- | 350.0 | ---- | 337.3 | ---- | 358.7 | ------ |
| Mas 08.F | 301.7 | ---- | 391.0 | ------- | 353.3 | ------ | 365.7 | ------- |
| DFI44724 | 319.7 | ----- | 346.3 | ---- | 314.0 | -- | 345.0 | ----- |
| ES Scorpion | 264.3 | - | 338.7 | --- | 312.7 | -- | 328.3 | ---- |
| LG 30.222 | 303.0 | ---- | 385.7 | ------- | 361.7 | ------- | 357.0 | ------ |
| P7524 | 258.7 | - | 336.7 | --- | 321.3 | --- | 322.7 | --- |
| Lidano | 295.0 | --- | 347.3 | ---- | 334.7 | ---- | 336.7 | ---- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 339.7 | ------- | 366.0 | ----- | 351.0 | ------ | 360.8 | ------ |
| Versuchs-Mittel | 309.1 | ----- | 363.8 | ----- | 342.0 | ----- | 343.5 | ----- |
| | | | | | | | | |
| VK [%] | 9.5 | | 6.2 | | 9.1 | | 8.8 | |
| KGD (5%) | 48.2 | | 36.7 | | ns | | 49.2 | |
| KGD (1%) | 64.1 | | 48.8 | | ns | | 65.4 | |
| Versuchs-Streuung | 29.5 | | 22.4 | | 31.2 | | 30.1 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Teneur en cellulose brute (NIRS) [g./kg MS] / Rohfasergehalt (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 162.7 | -- | 165.3 | --- | 158.3 | ---- | 163.0 | --- | 158.0 | -- |
| DKC 3333 | 173.0 | ----- | 181.7 | -------- | 153.0 | --- | 170.3 | ----- | 183.0 | ------ |
| Kompetens | 164.3 | -- | 177.3 | ------- | 150.0 | -- | 169.7 | ----- | 164.7 | --- |
| LG 31.211 | 169.5 | ---- | 156.7 | - | 163.0 | ----- | 167.0 | ---- | 175.3 | ----- |
| Spyci CS | 165.6 | --- | 171.0 | ----- | 155.0 | --- | 160.3 | --- | 151.0 | - |
| Karibous | 164.4 | -- | 167.7 | ---- | 149.0 | -- | 150.0 | - | 165.0 | --- |
| SY Amboss | 178.1 | ------- | 181.3 | -------- | 163.3 | ----- | 164.7 | ---- | 180.0 | ------ |
| EQ3048 | 167.6 | --- | 169.0 | ---- | 158.3 | ---- | 160.3 | --- | 158.3 | -- |
| ES Amazing | 171.8 | ----- | 174.0 | ------ | 165.7 | ------ | 171.7 | ----- | 161.7 | --- |
| Amanova | 165.0 | --- | 159.0 | - | 152.3 | --- | 170.3 | ----- | 166.7 | ---- |
| Maxillo | 163.4 | -- | 166.7 | ---- | 158.3 | ---- | 157.3 | -- | 156.3 | -- |
| Kaprillias | 161.0 | - | 160.7 | -- | 153.7 | --- | 158.0 | -- | 150.0 | - |
| RGT Orbitexx | 170.8 | ---- | 168.0 | ---- | 164.7 | ------ | 183.3 | ------- | 147.3 | - |
| RH16004 | 183.5 | --------- | 182.7 | --------- | 175.7 | --------- | 179.3 | ------- | 197.7 | --------- |
| ER3050 | 167.8 | --- | 171.3 | ----- | 160.3 | ----- | 166.3 | ---- | 160.3 | --- |
| Mikolai | 159.2 | - | 161.3 | -- | 157.7 | ---- | 159.3 | --- | 152.3 | - |
| SY Skandik | 169.5 | ---- | 164.7 | --- | 163.7 | ----- | 163.3 | --- | 157.0 | -- |
| Xyz | 178.6 | ------- | 178.0 | ------- | 173.3 | -------- | 180.0 | ------- | 179.7 | ------ |
| LZM166/71 | 167.3 | --- | 165.3 | --- | 150.3 | -- | 180.7 | ------- | 168.7 | ---- |
| KXB6127 | 165.8 | --- | 166.3 | ---- | 147.3 | - | 175.0 | ------ | 156.7 | -- |
| KXB6129 | 174.7 | ------ | 180.3 | -------- | 156.0 | --- | 168.3 | ---- | 164.3 | --- |
| KXB6303 | 161.5 | - | 161.0 | -- | 151.3 | -- | 164.0 | --- | 154.7 | -- |
| KXB6307 | 159.7 | - | 175.3 | ------ | 145.0 | - | 153.7 | - | 155.3 | -- |
| KXB6125 | 167.0 | --- | 166.3 | ---- | 158.0 | ---- | 162.0 | --- | 168.7 | ---- |
| Mas 08.F | 163.8 | -- | 168.3 | ---- | 155.7 | --- | 160.3 | --- | 155.0 | -- |
| DFI44724 | 175.0 | ------ | 175.3 | ------ | 165.7 | ------ | 176.3 | ------ | 184.3 | ------ |
| ES Scorpion | 178.6 | ------- | 175.3 | ------ | 167.0 | ------ | 161.7 | --- | 184.7 | ------- |
| LG 30.222 | 170.6 | ---- | 163.0 | --- | 154.7 | --- | 189.0 | --------- | 177.0 | ----- |
| P7524 | 178.7 | ------- | 182.3 | -------- | 155.3 | --- | 178.7 | ------ | 166.0 | ---- |
| Lidano | 170.8 | ---- | 169.3 | ---- | 157.0 | ---- | 164.7 | ---- | 169.0 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 164.2 | -- | 168.2 | ---- | 156.7 | ---- | 161.7 | --- | 154.5 | -- |
| Versuchs-Mittel | 169.0 | ---- | 170.2 | ----- | 158.0 | ---- | 167.6 | ---- | 165.6 | ---- |
| | | | | | | | | | | |
| VK [%] | 6.5 | | 4.1 | | 5.6 | | 7.9 | | 8.1 | |
| KGD (5%) | 6.2 | | 11.3 | | 14.4 | | ns | | 21.9 | |
| KGD (1%) | 8.2 | | 15.0 | | ns | | ns | | 29.1 | |
| Versuchs-Streuung | 10.9 | | 6.9 | | 8.8 | | 13.3 | | 13.4 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 27947.0 | 29 | 8.04 | *** | 1.49 | 0.0000 |
| Anbauorte | 21269.3 | 7 | 25.35 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 32212.6 | 203 | 1.32 | ns | 1.21 | |
| Fehler | 55619.8 | 464 | | | | |
| Insgesamt | 137048.7 | 703 | | | | |

## Teneur en cellulose brute (NIRS) [g./kg MS] / Rohfasergehalt (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 166.7 | -- | 173.0 | ---- | 159.7 | - | 157.7 | ---- |
| DKC 3333 | 175.7 | ---- | 172.3 | ---- | 179.7 | ----- | 168.0 | ----- |
| Kompetens | 166.3 | -- | 171.7 | ---- | 158.7 | - | 155.7 | --- |
| LG 31.211 | 175.2 | ---- | 180.7 | ------ | 179.3 | ----- | 159.0 | ---- |
| Spyci CS | 172.0 | --- | 176.0 | ----- | 180.7 | ------ | 159.0 | ---- |
| Karibous | 171.0 | --- | 167.0 | --- | 164.0 | -- | 181.3 | -------- |
| SY Amboss | 182.0 | ----- | 193.0 | --------- | 184.3 | ------- | 176.0 | ------- |
| EQ3048 | 169.3 | --- | 183.7 | ------- | 167.0 | --- | 174.7 | ------- |
| ES Amazing | 184.2 | ------ | 174.3 | ----- | 168.7 | --- | 174.0 | ------ |
| Amanova | 164.0 | -- | 171.7 | ---- | 174.3 | ---- | 161.7 | ---- |
| Maxillo | 168.7 | --- | 166.7 | --- | 174.3 | ---- | 159.0 | ---- |
| Kaprillias | 169.7 | --- | 170.3 | ---- | 170.7 | --- | 155.3 | --- |
| RGT Orbitexx | 175.3 | ---- | 182.3 | ------ | 177.3 | ----- | 168.0 | ----- |
| RH16004 | 181.0 | ----- | 188.7 | -------- | 176.7 | ----- | 186.3 | --------- |
| ER3050 | 185.0 | ------ | 166.7 | --- | 171.3 | ---- | 161.3 | ---- |
| Mikolai | 162.4 | -- | 171.0 | ---- | 164.3 | -- | 145.3 | - |
| SY Skandik | 182.0 | ----- | 173.0 | ---- | 173.7 | ---- | 178.7 | ------- |
| Xyz | 192.0 | ------- | 180.7 | ------ | 178.7 | ----- | 166.7 | ----- |
| LZM166/71 | 172.7 | ---- | 182.3 | ------ | 177.3 | ----- | 141.3 | - |
| KXB6127 | 180.3 | ----- | 172.3 | ---- | 165.7 | -- | 163.0 | ---- |
| KXB6129 | 185.7 | ------ | 173.0 | ---- | 193.3 | --------- | 176.3 | ------- |
| KXB6303 | 171.2 | --- | 154.7 | - | 159.3 | - | 175.7 | ------- |
| KXB6307 | 157.7 | - | 164.3 | --- | 165.0 | -- | 161.0 | ---- |
| KXB6125 | 162.3 | -- | 178.0 | ----- | 174.0 | ---- | 166.3 | ----- |
| Mas 08.F | 173.2 | ---- | 164.7 | --- | 170.7 | --- | 162.7 | ---- |
| DFI44724 | 168.7 | --- | 180.0 | ------ | 180.3 | ------ | 169.3 | ------ |
| ES Scorpion | 193.0 | -------- | 182.0 | ------ | 185.0 | ------- | 180.0 | ------- |
| LG 30.222 | 179.3 | ----- | 168.7 | ---- | 166.0 | -- | 167.0 | ----- |
| P7524 | 198.3 | --------- | 187.7 | ------- | 182.3 | ------ | 179.0 | ------- |
| Lidano | 180.5 | ----- | 177.0 | ----- | 173.7 | ---- | 175.0 | ------- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 169.3 | --- | 174.5 | ----- | 170.2 | --- | 158.3 | ---- |
| Versuchs-Mittel | 175.5 | ---- | 174.9 | ----- | 173.2 | ---- | 166.8 | ----- |
| | | | | | | | | |
| VK [%] | 6.6 | | 4.7 | | 6.8 | | 7.1 | |
| KGD (5%) | 18.8 | | 13.3 | | ns | | 19.3 | |
| KGD (1%) | 25.1 | | 17.7 | | ns | | 25.6 | |
| Versuchs-Streuung | 11.5 | | 8.1 | | 11.8 | | 11.8 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## NDF (NIRS) [g./kg MS] / Zellwandanteil (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 374.7 | --- | 380.3 | --- | 350.0 | ----- | 373.7 | ---- | 370.7 | --- |
| DKC 3333 | 392.1 | ----- | 401.3 | ------ | 332.3 | -- | 387.0 | ------ | 418.3 | ------ |
| Kompetens | 376.9 | --- | 399.3 | ------ | 341.7 | ---- | 376.3 | ----- | 373.7 | --- |
| LG 31.211 | 390.6 | ----- | 373.3 | -- | 360.3 | ------ | 373.3 | ---- | 403.7 | ----- |
| Spyci CS | 375.3 | --- | 388.7 | ---- | 342.7 | ---- | 362.7 | --- | 344.0 | - |
| Karibous | 374.3 | --- | 384.3 | ---- | 333.0 | --- | 340.3 | - | 377.0 | --- |
| SY Amboss | 413.6 | -------- | 421.7 | --------- | 372.7 | ------- | 378.7 | ----- | 421.0 | ------ |
| EQ3048 | 385.7 | ----- | 382.7 | ---- | 354.3 | ----- | 363.3 | --- | 378.7 | --- |
| ES Amazing | 389.2 | ----- | 397.3 | ------ | 369.7 | ------- | 380.0 | ----- | 370.0 | --- |
| Amanova | 376.6 | --- | 366.7 | -- | 340.3 | --- | 375.0 | ----- | 387.3 | ---- |
| Maxillo | 377.7 | ---- | 383.3 | ---- | 362.3 | ------ | 363.7 | --- | 357.3 | -- |
| Kaprillias | 371.7 | --- | 378.0 | --- | 336.7 | --- | 355.3 | -- | 359.3 | -- |
| RGT Orbitexx | 387.4 | ----- | 382.3 | ---- | 367.7 | ------- | 401.3 | -------- | 339.0 | - |
| RH16004 | 416.3 | --------- | 419.7 | -------- | 381.7 | --------- | 393.7 | ------- | 451.3 | --------- |
| ER3050 | 380.7 | ---- | 388.3 | ---- | 352.0 | ----- | 376.3 | ----- | 363.0 | -- |
| Mikolai | 354.9 | - | 358.7 | - | 335.7 | --- | 351.3 | -- | 339.0 | - |
| SY Skandik | 386.9 | ----- | 387.3 | ---- | 358.0 | ------ | 368.3 | ---- | 351.7 | -- |
| Xyz | 387.0 | ----- | 374.3 | --- | 368.0 | ------- | 375.7 | ----- | 391.0 | ---- |
| LZM166/71 | 383.9 | ---- | 377.7 | --- | 342.3 | ---- | 403.7 | -------- | 374.3 | --- |
| KXB6127 | 378.0 | ---- | 389.7 | ----- | 317.7 | - | 390.3 | ------ | 369.7 | --- |
| KXB6129 | 398.8 | ------ | 405.0 | ------ | 350.7 | ----- | 387.3 | ------ | 370.3 | --- |
| KXB6303 | 369.9 | --- | 379.7 | --- | 335.3 | --- | 365.7 | ---- | 359.7 | -- |
| KXB6307 | 366.1 | -- | 388.3 | ---- | 320.7 | - | 357.0 | --- | 360.0 | -- |
| KXB6125 | 387.0 | ----- | 393.7 | ----- | 347.0 | ---- | 367.0 | ---- | 404.0 | ----- |
| Mas 08.F | 381.5 | ---- | 399.3 | ------ | 352.7 | ----- | 364.7 | --- | 352.7 | -- |
| DFI44724 | 394.1 | ------ | 413.3 | -------- | 359.3 | ------ | 382.7 | ------ | 423.0 | ------- |
| ES Scorpion | 400.1 | ------ | 397.3 | ------ | 365.0 | ------- | 358.0 | --- | 417.0 | ------ |
| LG 30.222 | 393.7 | ------ | 400.3 | ------ | 351.7 | ----- | 409.0 | --------- | 403.3 | ----- |
| P7524 | 407.9 | -------- | 421.0 | --------- | 342.3 | ---- | 402.7 | -------- | 383.0 | ---- |
| Lidano | 388.5 | ----- | 399.7 | ------ | 352.3 | ----- | 369.3 | ---- | 391.3 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 375.0 | --- | 384.5 | ---- | 346.3 | ---- | 368.2 | ---- | 357.3 | -- |
| Versuchs-Mittel | 385.4 | ----- | 391.1 | ----- | 349.9 | ----- | 375.1 | ----- | 380.1 | ---- |
| | | | | | | | | | | |
| VK [%] | 6.5 | | 4.0 | | 6.5 | | 7.8 | | 7.8 | |
| KGD (5%) | 14.2 | | 25.8 | | ns | | ns | | 48.7 | |
| KGD (1%) | 18.6 | | 34.3 | | ns | | ns | | 64.8 | |
| Versuchs-Streuung | 25.0 | | 15.8 | | 22.6 | | 29.3 | | 29.8 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 126637.4 | 29 | 7.01 | *** | 1.49 | 0.0000 |
| Anbauorte | 187234.8 | 7 | 42.93 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 142654.1 | 203 | 1.13 | ns | 1.21 | |
| Fehler | 289073.6 | 464 | | | | |
| Insgesamt | 745599.8 | 703 | | | | |

## NDF (NIRS) [g./kg MS] / Zellwandanteil (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 393.3 | --- | 384.7 | ---- | 361.7 | - | 383.0 | ---- |
| DKC 3333 | 403.0 | ---- | 390.3 | ---- | 406.3 | ----- | 398.3 | ----- |
| Kompetens | 395.7 | --- | 381.7 | --- | 376.3 | -- | 370.7 | --- |
| LG 31.211 | 415.8 | ----- | 397.0 | ----- | 417.3 | ------ | 383.7 | ---- |
| Spyci CS | 400.4 | ---- | 386.7 | ---- | 400.0 | ---- | 377.0 | --- |
| Karibous | 382.4 | -- | 368.3 | -- | 382.0 | --- | 426.7 | ------- |
| SY Amboss | 429.4 | ------- | 437.0 | --------- | 432.0 | ------- | 416.7 | ------- |
| EQ3048 | 404.0 | ---- | 405.7 | ------ | 386.3 | --- | 410.7 | ------ |
| ES Amazing | 422.3 | ------ | 395.0 | ----- | 388.0 | --- | 391.3 | ---- |
| Amanova | 377.7 | - | 381.7 | --- | 399.3 | ---- | 384.7 | ---- |
| Maxillo | 400.3 | ---- | 383.7 | ---- | 391.0 | ---- | 379.7 | --- |
| Kaprillias | 398.3 | ---- | 378.3 | --- | 400.7 | ---- | 367.0 | -- |
| RGT Orbitexx | 409.3 | ----- | 409.3 | ------ | 398.7 | ---- | 391.7 | ---- |
| RH16004 | 416.0 | ----- | 416.3 | ------- | 409.3 | ----- | 442.0 | --------- |
| ER3050 | 419.9 | ------ | 381.3 | --- | 395.7 | ---- | 369.3 | --- |
| Mikolai | 371.8 | - | 373.7 | --- | 364.3 | - | 344.7 | - |
| SY Skandik | 423.3 | ------ | 392.0 | ---- | 399.7 | ---- | 414.7 | ------ |
| Xyz | 425.4 | ------- | 383.0 | ---- | 397.3 | ---- | 381.3 | ---- |
| LZM166/71 | 401.0 | ---- | 414.7 | ------- | 410.7 | ----- | 346.7 | - |
| KXB6127 | 420.3 | ------ | 383.0 | ---- | 375.3 | -- | 378.0 | --- |
| KXB6129 | 434.8 | -------- | 387.0 | ---- | 444.0 | --------- | 411.0 | ------ |
| KXB6303 | 392.8 | --- | 351.0 | - | 360.3 | - | 414.7 | ------ |
| KXB6307 | 373.0 | - | 371.3 | -- | 377.0 | -- | 381.7 | ---- |
| KXB6125 | 387.7 | -- | 394.3 | ----- | 407.3 | ----- | 395.0 | ----- |
| Mas 08.F | 412.3 | ----- | 380.3 | --- | 402.7 | ----- | 387.0 | ---- |
| DFI44724 | 383.8 | -- | 392.0 | ---- | 392.0 | ---- | 406.3 | ------ |
| ES Scorpion | 426.7 | ------- | 402.0 | ----- | 426.7 | ------- | 408.0 | ------ |
| LG 30.222 | 423.0 | ------ | 382.0 | --- | 373.7 | -- | 406.3 | ------ |
| P7524 | 444.0 | --------- | 426.7 | -------- | 418.7 | ------ | 425.0 | ------- |
| Lidano | 407.4 | ----- | 387.3 | ---- | 389.7 | --- | 410.7 | ------ |
| | | | | | | | | |
| -Bezugsgrösse(n) | 396.9 | --- | 385.7 | ---- | 380.8 | --- | 380.0 | ---- |
| Versuchs-Mittel | 406.5 | ---- | 390.6 | ---- | 396.1 | ---- | 393.4 | ----- |
| | | | | | | | | |
| VK [%] | 5.7 | | 5.2 | | 6.9 | | 7.1 | |
| KGD (5%) | 37.8 | | 33.0 | | ns | | 45.7 | |
| KGD (1%) | ns | | 43.9 | | ns | | ns | |
| Versuchs-Streuung | 23.2 | | 20.2 | | 27.4 | | 27.9 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Teneur en protéines (NIRS) [g./kg MS] / Proteingehalt (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 65.0 | ---- | 67.0 | ----- | 70.0 | --- | 67.0 | --- | 61.3 | ---- |
| DKC 3333 | 67.1 | ----- | 69.0 | ------ | 73.3 | ----- | 66.3 | --- | 62.3 | ---- |
| Kompetens | 66.3 | ----- | 68.3 | ------ | 71.0 | --- | 67.3 | ---- | 62.7 | ---- |
| LG 31.211 | 62.5 | -- | 64.3 | --- | 67.3 | - | 64.3 | -- | 57.7 | -- |
| Spyci CS | 64.9 | ---- | 63.3 | --- | 71.3 | ---- | 69.0 | ----- | 64.3 | ----- |
| Karibous | 65.5 | ---- | 68.7 | ------ | 69.0 | -- | 69.0 | ----- | 62.3 | ---- |
| SY Amboss | 62.4 | -- | 62.0 | -- | 68.7 | -- | 65.3 | -- | 59.7 | --- |
| EQ3048 | 65.3 | ---- | 69.7 | ------ | 70.3 | --- | 64.3 | -- | 61.0 | --- |
| ES Amazing | 67.2 | ----- | 66.7 | ----- | 72.7 | ----- | 68.7 | ---- | 62.7 | ---- |
| Amanova | 63.8 | --- | 65.7 | ---- | 70.0 | --- | 65.0 | -- | 59.0 | -- |
| Maxillo | 66.0 | ---- | 67.0 | ----- | 71.0 | --- | 65.0 | -- | 64.3 | ----- |
| Kaprillias | 64.5 | --- | 65.0 | ---- | 70.7 | --- | 66.7 | --- | 59.7 | --- |
| RGT Orbitexx | 69.1 | ------- | 68.3 | ------ | 73.7 | ----- | 69.0 | ----- | 70.0 | -------- |
| RH16004 | 65.0 | ---- | 66.0 | ---- | 70.7 | --- | 67.0 | --- | 58.3 | -- |
| ER3050 | 67.5 | ------ | 67.0 | ----- | 74.7 | ------ | 66.7 | --- | 66.0 | ------ |
| Mikolai | 69.8 | ------- | 73.0 | -------- | 73.0 | ----- | 68.7 | ---- | 71.0 | --------- |
| SY Skandik | 67.2 | ----- | 66.0 | ---- | 74.3 | ------ | 70.0 | ----- | 66.3 | ------ |
| Xyz | 71.3 | --------- | 73.7 | --------- | 78.0 | --------- | 75.7 | --------- | 67.7 | ------- |
| LZM166/71 | 64.6 | --- | 67.3 | ----- | 67.3 | - | 64.3 | -- | 64.0 | ----- |
| KXB6127 | 63.8 | --- | 63.3 | --- | 72.0 | ---- | 62.7 | - | 59.7 | --- |
| KXB6129 | 62.0 | - | 64.7 | --- | 67.7 | - | 62.3 | - | 60.3 | --- |
| KXB6303 | 62.9 | -- | 63.3 | --- | 70.0 | --- | 63.0 | - | 56.0 | - |
| KXB6307 | 68.1 | ------ | 68.3 | ------ | 75.0 | ------ | 67.7 | ---- | 65.0 | ------ |
| KXB6125 | 62.0 | - | 59.7 | - | 67.7 | - | 63.7 | - | 55.3 | - |
| Mas 08.F | 61.4 | - | 60.3 | - | 67.3 | - | 66.7 | --- | 61.7 | ---- |
| DFI44724 | 67.4 | ------ | 65.0 | ---- | 74.3 | ------ | 71.3 | ------ | 60.7 | --- |
| ES Scorpion | 68.0 | ------ | 68.0 | ----- | 74.7 | ------ | 72.3 | ------- | 60.3 | --- |
| LG 30.222 | 66.0 | ----- | 65.0 | ---- | 71.7 | ---- | 68.3 | ---- | 64.3 | ----- |
| P7524 | 61.0 | - | 60.7 | - | 71.3 | ---- | 63.3 | - | 59.3 | --- |
| Lidano | 64.7 | --- | 64.0 | --- | 70.7 | --- | 69.0 | ----- | 61.0 | --- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 64.9 | ---- | 65.2 | ---- | 70.7 | --- | 68.0 | ---- | 62.8 | ---- |
| Versuchs-Mittel | 65.4 | ---- | 66.0 | ---- | 71.3 | ---- | 67.0 | --- | 62.1 | ---- |
| | | | | | | | | | | |
| VK [%] | 4.5 | | 4.6 | | 4.1 | | 5.2 | | 4.6 | |
| KGD (5%) | 1.7 | | 5.0 | | 4.8 | | 5.7 | | 4.7 | |
| KGD (1%) | 2.2 | | 6.6 | | 6.4 | | 7.6 | | 6.2 | |
| Versuchs-Streuung | 3.0 | | 3.0 | | 2.9 | | 3.5 | | 2.9 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 4600.4 | 29 | 18.13 | *** | 1.49 | 0.0000 |
| Anbauorte | 9675.6 | 7 | 157.97 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 2520.4 | 203 | 1.42 | ns | 1.21 | |
| Fehler | 4060.0 | 464 | | | | |
| Insgesamt | 20856.4 | 703 | | | | |

## Teneur en protéines (NIRS) [g./kg MS] / Proteingehalt (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 65.3 | ---- | 68.0 | ---- | 61.3 | ------- | 60.0 | ---- |
| DKC 3333 | 70.3 | ------- | 71.0 | ------ | 59.7 | ----- | 65.0 | ------- |
| Kompetens | 67.7 | ------ | 70.0 | ----- | 60.0 | ------ | 63.3 | ------ |
| LG 31.211 | 63.4 | --- | 65.3 | -- | 56.3 | --- | 61.3 | ----- |
| Spyci CS | 66.9 | ----- | 66.7 | --- | 57.3 | --- | 60.0 | ---- |
| Karibous | 65.9 | ----- | 68.0 | ---- | 59.3 | ----- | 62.0 | ----- |
| SY Amboss | 63.9 | --- | 63.0 | - | 55.3 | -- | 61.0 | ---- |
| EQ3048 | 65.7 | ---- | 67.7 | ---- | 60.7 | ------ | 62.7 | ----- |
| ES Amazing | 69.4 | ------- | 67.7 | ---- | 62.7 | -------- | 67.0 | -------- |
| Amanova | 63.7 | --- | 68.3 | ---- | 56.0 | -- | 62.7 | ----- |
| Maxillo | 67.0 | ----- | 67.7 | ---- | 63.0 | -------- | 63.0 | ----- |
| Kaprillias | 66.7 | ----- | 69.3 | ----- | 56.0 | -- | 62.3 | ----- |
| RGT Orbitexx | 72.0 | -------- | 68.7 | ---- | 62.7 | -------- | 68.7 | --------- |
| RH16004 | 67.0 | ----- | 70.3 | ----- | 60.3 | ------ | 60.7 | ---- |
| ER3050 | 68.9 | ------ | 70.0 | ----- | 60.3 | ------ | 66.7 | ------- |
| Mikolai | 69.7 | ------- | 73.3 | ------- | 63.7 | -------- | 66.3 | ------- |
| SY Skandik | 67.0 | ----- | 73.0 | ------- | 61.3 | ------- | 59.3 | --- |
| Xyz | 70.4 | ------- | 74.0 | -------- | 63.7 | -------- | 67.3 | -------- |
| LZM166/71 | 64.7 | ---- | 67.3 | --- | 58.7 | ---- | 63.0 | ----- |
| KXB6127 | 64.0 | ---- | 66.3 | --- | 59.3 | ----- | 63.0 | ----- |
| KXB6129 | 60.4 | - | 68.3 | ---- | 53.7 | - | 58.3 | --- |
| KXB6303 | 67.4 | ----- | 66.3 | --- | 59.7 | ----- | 57.7 | -- |
| KXB6307 | 68.7 | ------ | 75.3 | --------- | 59.7 | ----- | 65.3 | ------- |
| KXB6125 | 63.7 | --- | 68.7 | ---- | 56.3 | --- | 60.7 | ---- |
| Mas 08.F | 58.9 | - | 64.3 | - | 54.0 | - | 58.0 | --- |
| DFI44724 | 72.9 | --------- | 71.7 | ------ | 61.3 | ------- | 62.0 | ----- |
| ES Scorpion | 70.3 | ------- | 71.7 | ------ | 59.0 | ----- | 67.3 | -------- |
| LG 30.222 | 64.3 | ---- | 72.0 | ------ | 64.0 | --------- | 58.7 | --- |
| P7524 | 59.7 | - | 63.0 | - | 56.7 | --- | 54.3 | - |
| Lidano | 63.4 | --- | 69.7 | ----- | 59.3 | ----- | 60.7 | ---- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 66.1 | ----- | 67.3 | --- | 59.3 | ----- | 60.0 | ---- |
| Versuchs-Mittel | 66.3 | ----- | 68.9 | ---- | 59.4 | ----- | 62.3 | ----- |
| | | | | | | | | |
| VK [%] | 4.1 | | 3.6 | | 5.5 | | 4.4 | |
| KGD (5%) | 4.4 | | 4.0 | | 5.3 | | 4.5 | |
| KGD (1%) | 5.9 | | 5.4 | | 7.1 | | 6.0 | |
| Versuchs-Streuung | 2.7 | | 2.5 | | 3.3 | | 2.7 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## NEL (NIRS) [MJ/kg MS] / NEL (NIRS) [MJ/kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 6.4 | ------- | 6.2 | ------ | 6.9 | ----- | 6.3 | ----- | 6.4 | ------ |
| DKC 3333 | 6.4 | ------ | 6.1 | ---- | 6.9 | ------ | 6.4 | ------ | 6.2 | ---- |
| Kompetens | 6.4 | ------- | 6.0 | --- | 6.9 | ----- | 6.3 | ----- | 6.3 | ----- |
| LG 31.211 | 6.3 | ---- | 6.3 | ------- | 6.6 | - | 6.1 | -- | 6.1 | --- |
| Spyci CS | 6.3 | ------ | 6.1 | ----- | 6.8 | ----- | 6.3 | ----- | 6.4 | ------ |
| Karibous | 6.4 | ------- | 6.2 | ------ | 6.9 | ----- | 6.5 | --------- | 6.3 | ----- |
| SY Amboss | 6.1 | - | 5.9 | -- | 6.7 | --- | 6.2 | --- | 6.0 | -- |
| EQ3048 | 6.3 | ------ | 6.2 | ------ | 6.7 | -- | 6.3 | ---- | 6.5 | ------- |
| ES Amazing | 6.2 | --- | 6.0 | --- | 6.6 | - | 6.1 | - | 6.3 | ----- |
| Amanova | 6.3 | ----- | 6.3 | -------- | 6.7 | -- | 6.1 | - | 6.1 | --- |
| Maxillo | 6.4 | ------- | 6.3 | ------- | 6.8 | --- | 6.4 | ------ | 6.4 | ------ |
| Kaprillias | 6.4 | ------- | 6.2 | ------ | 6.8 | ---- | 6.3 | ----- | 6.5 | ------- |
| RGT Orbitexx | 6.4 | ------ | 6.1 | ----- | 6.8 | --- | 6.1 | -- | 6.7 | --------- |
| RH16004 | 6.2 | -- | 5.9 | -- | 6.6 | - | 6.1 | - | 6.0 | -- |
| ER3050 | 6.5 | --------- | 6.3 | -------- | 7.0 | ------- | 6.4 | ------ | 6.4 | ------ |
| Mikolai | 6.5 | -------- | 6.3 | ------- | 6.7 | --- | 6.3 | ----- | 6.5 | ------- |
| SY Skandik | 6.3 | ----- | 6.2 | ------ | 6.8 | --- | 6.4 | ------ | 6.3 | ----- |
| Xyz | 6.3 | ----- | 6.0 | ---- | 6.7 | -- | 6.2 | --- | 6.2 | ---- |
| LZM166/71 | 6.3 | ----- | 6.0 | --- | 6.8 | ----- | 6.2 | -- | 6.2 | ---- |
| KXB6127 | 6.4 | ------- | 6.2 | ------ | 6.9 | ------ | 6.2 | --- | 6.3 | ----- |
| KXB6129 | 6.2 | -- | 5.8 | - | 6.7 | -- | 6.2 | --- | 6.1 | --- |
| KXB6303 | 6.3 | ---- | 6.2 | ------ | 6.7 | -- | 6.1 | -- | 6.2 | ---- |
| KXB6307 | 6.5 | -------- | 6.1 | ----- | 7.1 | --------- | 6.5 | ------- | 6.3 | ----- |
| KXB6125 | 6.3 | ------ | 6.3 | ------- | 6.7 | --- | 6.3 | ---- | 6.1 | --- |
| Mas 08.F | 6.4 | ------- | 6.2 | ------ | 6.8 | ---- | 6.5 | ------- | 6.4 | ------ |
| DFI44724 | 6.2 | - | 6.0 | --- | 6.6 | - | 6.1 | - | 5.9 | -- |
| ES Scorpion | 6.1 | - | 5.9 | - | 6.6 | - | 6.3 | ---- | 5.8 | - |
| LG 30.222 | 6.4 | ------ | 6.4 | --------- | 6.8 | ----- | 6.1 | - | 6.1 | --- |
| P7524 | 6.2 | -- | 5.9 | -- | 6.8 | ---- | 6.2 | --- | 6.3 | ----- |
| Lidano | 6.3 | ---- | 6.1 | ---- | 6.7 | --- | 6.3 | ----- | 6.2 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 6.4 | ------ | 6.2 | ------ | 6.9 | ----- | 6.3 | ----- | 6.4 | ------ |
| Versuchs-Mittel | 6.3 | ----- | 6.1 | ----- | 6.8 | ---- | 6.3 | ---- | 6.2 | ----- |
| | | | | | | | | | | |
| VK [%] | 3.1 | | 3.4 | | 2.2 | | 3.6 | | 4.0 | |
| KGD (5%) | 0.1 | | ns | | 0.2 | | ns | | 0.4 | |
| KGD (1%) | 0.1 | | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 0.2 | | 0.2 | | 0.2 | | 0.2 | | 0.2 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 7.2 | 29 | 6.50 | *** | 1.49 | 0.0000 |
| Anbauorte | 25.3 | 7 | 93.92 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 8.0 | 203 | 1.03 | ns | 1.21 | |
| Fehler | 17.8 | 464 | | | | |
| Insgesamt | 58.4 | 703 | | | | |

## NEL (NIRS) [MJ/kg MS] / NEL (NIRS) [MJ/kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 6.5 | --------- | 6.4 | ---- | 6.4 | ------- | 6.3 | ----- |
| DKC 3333 | 6.3 | ------ | 6.5 | ------ | 6.1 | ---- | 6.4 | ------ |
| Kompetens | 6.4 | ------- | 6.5 | ------ | 6.5 | --------- | 6.4 | ------- |
| LG 31.211 | 6.3 | ----- | 6.3 | ---- | 6.1 | ---- | 6.4 | ------ |
| Spyci CS | 6.4 | ------- | 6.4 | ----- | 6.0 | --- | 6.3 | ----- |
| Karibous | 6.3 | ------ | 6.5 | ------ | 6.3 | ------- | 6.1 | -- |
| SY Amboss | 6.1 | --- | 6.1 | - | 6.0 | --- | 6.1 | -- |
| EQ3048 | 6.3 | ----- | 6.3 | ---- | 6.3 | ------ | 6.2 | --- |
| ES Amazing | 6.1 | --- | 6.3 | ---- | 6.2 | ----- | 6.1 | -- |
| Amanova | 6.4 | -------- | 6.4 | ---- | 6.1 | ---- | 6.2 | --- |
| Maxillo | 6.3 | ------ | 6.5 | ------ | 6.2 | ----- | 6.3 | ----- |
| Kaprillias | 6.2 | ----- | 6.4 | ----- | 6.3 | ------ | 6.5 | -------- |
| RGT Orbitexx | 6.3 | ------ | 6.3 | ---- | 6.2 | ----- | 6.3 | ----- |
| RH16004 | 6.2 | ----- | 6.3 | --- | 6.3 | ------ | 6.1 | -- |
| ER3050 | 6.3 | ----- | 6.7 | --------- | 6.3 | ------ | 6.5 | -------- |
| Mikolai | 6.4 | -------- | 6.4 | ----- | 6.3 | ------- | 6.6 | --------- |
| SY Skandik | 6.3 | ------ | 6.5 | ------ | 6.2 | ----- | 6.0 | - |
| Xyz | 6.3 | ------ | 6.4 | ----- | 6.2 | ----- | 6.4 | ------- |
| LZM166/71 | 6.3 | ------ | 6.3 | ---- | 6.1 | ---- | 6.5 | -------- |
| KXB6127 | 6.3 | ------ | 6.5 | ------ | 6.3 | ------- | 6.5 | ------- |
| KXB6129 | 6.0 | - | 6.5 | ------ | 5.8 | - | 6.0 | - |
| KXB6303 | 6.3 | ----- | 6.5 | ------ | 6.3 | ------ | 6.0 | - |
| KXB6307 | 6.4 | -------- | 6.6 | -------- | 6.4 | ------- | 6.4 | ------ |
| KXB6125 | 6.4 | -------- | 6.3 | ---- | 6.3 | ------- | 6.3 | ----- |
| Mas 08.F | 6.3 | ------ | 6.6 | ------- | 6.3 | ------ | 6.3 | ----- |
| DFI44724 | 6.4 | ------- | 6.2 | -- | 5.9 | - | 6.2 | --- |
| ES Scorpion | 6.0 | - | 6.2 | -- | 6.0 | --- | 6.1 | -- |
| LG 30.222 | 6.2 | ----- | 6.6 | ------- | 6.4 | -------- | 6.4 | ------ |
| P7524 | 6.0 | - | 6.4 | ---- | 6.0 | --- | 6.0 | - |
| Lidano | 6.1 | --- | 6.3 | --- | 6.2 | ------ | 6.2 | --- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 6.4 | -------- | 6.4 | ----- | 6.2 | ----- | 6.3 | ----- |
| Versuchs-Mittel | 6.3 | ------ | 6.4 | ----- | 6.2 | ----- | 6.3 | ---- |
| | | | | | | | | |
| VK [%] | 2.9 | | 2.5 | | 3.1 | | 2.9 | |
| KGD (5%) | ns | | 0.3 | | 0.3 | | 0.3 | |
| KGD (1%) | ns | | 0.3 | | ns | | 0.4 | |
| Versuchs-Streuung | 0.2 | | 0.2 | | 0.2 | | 0.2 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## NEV (NIRS) [MJ/kg MS] / NEV (NIRS) [MJ/kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 6.6 | ------- | 6.3 | ------ | 7.2 | ----- | 6.5 | ----- | 6.5 | ------ |
| DKC 3333 | 6.5 | ------ | 6.2 | ---- | 7.3 | ------ | 6.6 | ------ | 6.3 | ---- |
| Kompetens | 6.6 | ------- | 6.0 | --- | 7.2 | ----- | 6.5 | ----- | 6.4 | ----- |
| LG 31.211 | 6.4 | ---- | 6.4 | ------- | 6.9 | - | 6.2 | - | 6.2 | --- |
| Spyci CS | 6.5 | ------ | 6.2 | ----- | 7.1 | ---- | 6.5 | ----- | 6.5 | ------ |
| Karibous | 6.6 | ------ | 6.2 | ----- | 7.2 | ----- | 6.8 | --------- | 6.4 | ----- |
| SY Amboss | 6.3 | -- | 6.0 | -- | 7.0 | --- | 6.3 | --- | 6.1 | -- |
| EQ3048 | 6.5 | ------ | 6.4 | ------ | 6.9 | - | 6.4 | ---- | 6.7 | ------- |
| ES Amazing | 6.4 | --- | 6.0 | --- | 6.9 | - | 6.2 | - | 6.4 | ----- |
| Amanova | 6.5 | ----- | 6.5 | -------- | 7.0 | -- | 6.2 | - | 6.2 | ---- |
| Maxillo | 6.6 | ------- | 6.4 | ------ | 7.1 | --- | 6.6 | ------ | 6.6 | ------ |
| Kaprillias | 6.6 | ------ | 6.3 | ----- | 7.1 | --- | 6.5 | ----- | 6.6 | ------ |
| RGT Orbitexx | 6.5 | ------ | 6.2 | ---- | 7.0 | -- | 6.3 | -- | 6.9 | --------- |
| RH16004 | 6.3 | -- | 6.0 | -- | 6.9 | - | 6.2 | - | 6.0 | -- |
| ER3050 | 6.7 | --------- | 6.4 | ------- | 7.4 | ------- | 6.6 | ------- | 6.6 | ------ |
| Mikolai | 6.6 | -------- | 6.4 | ------- | 7.0 | -- | 6.4 | ---- | 6.7 | ------- |
| SY Skandik | 6.5 | ----- | 6.3 | ------ | 7.1 | --- | 6.6 | ------ | 6.5 | ----- |
| Xyz | 6.5 | ----- | 6.1 | --- | 7.0 | -- | 6.3 | --- | 6.3 | ---- |
| LZM166/71 | 6.4 | ----- | 6.1 | ---- | 7.1 | --- | 6.3 | -- | 6.3 | ---- |
| KXB6127 | 6.5 | ------ | 6.2 | ----- | 7.2 | ----- | 6.3 | -- | 6.4 | ---- |
| KXB6129 | 6.3 | -- | 5.9 | - | 7.0 | -- | 6.3 | --- | 6.3 | ---- |
| KXB6303 | 6.4 | ----- | 6.3 | ------ | 7.0 | -- | 6.2 | - | 6.3 | ---- |
| KXB6307 | 6.7 | -------- | 6.2 | ---- | 7.5 | --------- | 6.7 | ------- | 6.4 | ----- |
| KXB6125 | 6.5 | ------ | 6.4 | ------- | 7.0 | --- | 6.4 | ---- | 6.1 | --- |
| Mas 08.F | 6.6 | ------- | 6.3 | ------ | 7.1 | --- | 6.7 | ------- | 6.5 | ----- |
| DFI44724 | 6.3 | -- | 6.0 | -- | 6.9 | - | 6.2 | - | 6.0 | -- |
| ES Scorpion | 6.2 | - | 5.9 | - | 6.9 | - | 6.4 | --- | 5.8 | - |
| LG 30.222 | 6.5 | ------ | 6.6 | --------- | 7.1 | ---- | 6.2 | - | 6.2 | --- |
| P7524 | 6.3 | -- | 5.9 | - | 7.1 | ---- | 6.3 | --- | 6.4 | ----- |
| Lidano | 6.4 | ---- | 6.1 | --- | 7.0 | --- | 6.5 | ----- | 6.3 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 6.5 | ------ | 6.3 | ----- | 7.2 | ---- | 6.5 | ----- | 6.5 | ------ |
| Versuchs-Mittel | 6.5 | ----- | 6.2 | ----- | 7.1 | --- | 6.4 | ---- | 6.4 | ----- |
| | | | | | | | | | | |
| VK [%] | 3.9 | | 4.1 | | 2.9 | | 4.6 | | 4.9 | |
| KGD (5%) | 0.1 | | ns | | ns | | ns | | 0.5 | |
| KGD (1%) | 0.2 | | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 0.3 | | 0.3 | | 0.2 | | 0.3 | | 0.3 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 11.8 | 29 | 6.39 | *** | 1.49 | 0.0000 |
| Anbauorte | 42.7 | 7 | 95.66 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 13.5 | 203 | 1.04 | ns | 1.21 | |
| Fehler | 29.6 | 464 | | | | |
| Insgesamt | 97.7 | 703 | | | | |

## NEV (NIRS) [MJ/kg MS] / NEV (NIRS) [MJ/kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| Schobbi CS | 6.6 | --------- | 6.5 | ---- | 6.5 | ------- | 6.5 | ----- |
| DKC 3333 | 6.5 | ------ | 6.7 | ------ | 6.1 | --- | 6.5 | ------ |
| Kompetens | 6.6 | -------- | 6.7 | ------ | 6.7 | --------- | 6.6 | ------- |
| LG 31.211 | 6.4 | ----- | 6.5 | ---- | 6.2 | ---- | 6.5 | ------ |
| Spyci CS | 6.6 | -------- | 6.6 | ----- | 6.1 | --- | 6.4 | ---- |
| Karibous | 6.5 | ------ | 6.8 | ------- | 6.5 | ------- | 6.2 | -- |
| SY Amboss | 6.2 | --- | 6.2 | - | 6.1 | --- | 6.2 | -- |
| EQ3048 | 6.4 | ------ | 6.5 | ---- | 6.4 | ------ | 6.3 | --- |
| ES Amazing | 6.2 | --- | 6.5 | ---- | 6.3 | ----- | 6.2 | -- |
| Amanova | 6.6 | --------- | 6.5 | ---- | 6.2 | ---- | 6.4 | ---- |
| Maxillo | 6.5 | ------- | 6.6 | ----- | 6.3 | ----- | 6.5 | ----- |
| Kaprillias | 6.3 | ----- | 6.6 | ----- | 6.4 | ------ | 6.7 | ------- |
| RGT Orbitexx | 6.5 | ------- | 6.5 | ---- | 6.3 | ----- | 6.4 | ---- |
| RH16004 | 6.3 | ----- | 6.4 | --- | 6.4 | ------ | 6.2 | -- |
| ER3050 | 6.5 | ------ | 7.0 | --------- | 6.4 | ------ | 6.7 | -------- |
| Mikolai | 6.6 | --------- | 6.6 | ----- | 6.5 | ------- | 6.8 | --------- |
| SY Skandik | 6.4 | ----- | 6.7 | ------ | 6.3 | ----- | 6.1 | - |
| Xyz | 6.4 | ----- | 6.5 | ---- | 6.3 | ----- | 6.6 | ------- |
| LZM166/71 | 6.5 | ------ | 6.4 | --- | 6.1 | --- | 6.7 | -------- |
| KXB6127 | 6.4 | ----- | 6.7 | ------ | 6.5 | ------- | 6.6 | ------ |
| KXB6129 | 6.1 | - | 6.7 | ------ | 5.9 | - | 6.1 | - |
| KXB6303 | 6.5 | ------ | 6.7 | ------ | 6.5 | ------- | 6.1 | - |
| KXB6307 | 6.6 | -------- | 6.9 | -------- | 6.5 | ------- | 6.5 | ------ |
| KXB6125 | 6.6 | --------- | 6.4 | --- | 6.5 | ------- | 6.5 | ----- |
| Mas 08.F | 6.4 | ----- | 6.8 | ------- | 6.5 | ------- | 6.5 | ----- |
| DFI44724 | 6.5 | ------- | 6.3 | -- | 6.0 | -- | 6.2 | -- |
| ES Scorpion | 6.0 | - | 6.3 | -- | 6.0 | -- | 6.1 | - |
| LG 30.222 | 6.3 | ----- | 6.8 | ------- | 6.6 | -------- | 6.5 | ------ |
| P7524 | 6.1 | - | 6.5 | ---- | 6.0 | -- | 6.1 | - |
| Lidano | 6.2 | --- | 6.4 | --- | 6.3 | ----- | 6.3 | --- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 6.6 | -------- | 6.6 | ----- | 6.3 | ----- | 6.5 | ----- |
| Versuchs-Mittel | 6.4 | ------ | 6.6 | ----- | 6.3 | ----- | 6.4 | ---- |
| | | | | | | | | |
| VK [%] | 3.6 | | 3.2 | | 4.1 | | 3.7 | |
| KGD (5%) | 0.4 | | 0.3 | | 0.4 | | 0.4 | |
| KGD (1%) | ns | | 0.5 | | ns | | 0.5 | |
| Versuchs-Streuung | 0.2 | | 0.2 | | 0.3 | | 0.2 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## 3.2 Serie mittelfrüh / série mi-précoce

### 3.2.1 Standortangaben

| PLZ / N°p. | Ort / Lieu | m.ü.M. / altitude | Saattermin / date de semis | Erntetermin / date de récolte |
|---|---|---|---|---|
| 1260 | Nyon | 430 | 22.05.2017 | 07.09.2017 |
| 1567 | Delley | 511 | 24.05.2017 | 11.09.2017 |
| 1725 | Grangeneuve (Posieux) | 654 | 16.05.2017 | 04.10.2017 |
| 3065 | Habstetten | 680 | 11.05.2017 | 21.09.2017 |
| 5643 | Alikon | 494 | 18.05.2017 | 28.09.2017 |
| 8046 | Reckenholz | 440 | 10.05.2017 | 07.09.2017 |
| 8193 | Eglisau | 395 | 06.05.2017 | 30.08.2017 |
| 8566 | Ellighausen | 503 | 17.05.2017 | 23.09.2017 |

### 3.2.2 Sorten / Status

| Name / Nom | Synonym | Hybrid Typ | Züchter / Obtenteur | Vertreter / Représentant | KM | SM |
|---|---|---|---|---|---|---|
| **ES Albatros** | ES Albatros | SC | Euralis, F | Euralis | KM11/S | SM11/S |
| **SY Talisman** | SA1002 | SC | Syngenta, CH | Syngenta, Dielsdorf | KM11/S | SM11/S |
| **Gottardo KWS** | KXB1157 | SC | KWS, Einbeck | KWS Suisse SA, Basel | KM21/T | SM11/S |
| **SY Telias** | SC1153 | SC | Syngenta, CH | Syngenta, Dielsdorf | KM11/T | SM11/S |
| **DKC 3440** | EM3451 | SC | Monsanto, USA | Monsanto, Morges | | SM11/S |
| **LG 30.248** | LZM 162/73 | SC | Limagrain / Europe | Fenaco, Moudon | | SM11/S |
| **LG 31.235** | LZM263/77 | TC | Limagrain / Europe | Fenaco, Moudon | | SM11/e2 |
| **LG 31.259** | LZM265/32 | SC | Limagrain / Europe | Fenaco, Moudon | | SM11/e2 |
| **LG 31.237** | LZM265/34 | SC | Limagrain / Europe | Fenaco, Moudon | | SM11/e2 |
| **Severeen** | LZM265/52 | SC | Limagrain / Europe | Fenaco, Moudon | | SM11/e2 |
| **Aga Einstein** | | SC | agaSaat GmbH & Co | Schweizer, Thun | | SM11/e2 |
| **ES Crossman** | ESZ2105 | SC | Euralis, F | Euralis ? | KM01/e2 | SM11/e2 |
| **Amaroc** | KXB4136 | TC | KWS, Einbeck | KWS Suisse SA, Basel | | SM11/e2 |
| **RGT Mexxner** | RH14011 | SC | RAGT 2n | Fenaco, Moudon | | SM11/e1 |
| **RGT Bixx** | RH15013 | SC | RAGT 2n | Fenaco, Moudon | | SM11/e1 |
| **CSM 16204** | CSM 16204 | SC | Caussade | ? | | SM11/e1 |
| **DKC 3872** | EQ3812 | SC | Monsanto, USA | Monsanto, Morges | | SM11/e1 |
| **Farmirage** | BPZ 4114 | SC | Saatzucht Moreau | Samen Steffen | | SM11/e1 |
| **SM F0140** | SM F0140 | SC | Saatzucht Moreau | Samen Steffen | | SM11/e1 |
| **P8333** | X80H165 | SC | Pioneer | Pioneer, Manno | | SM11/e1 |
| **SY Pandoras** | SB1165 | SC | Syngenta, CH | Syngenta, Dielsdorf | KM11/e1 | SM11/e1 |
| **Janero** | SB1834 | SC | Syngenta, CH | Syngenta, Dielsdorf | KM11/e1 | SM11/e1 |
| **KXB6141** | KXB6141 | SC | KWS, Einbeck | KWS Suisse SA, Basel | KM11/e1 | SM11/e1 |
| **KXB6142** | KXB6142 | TC | KWS, Einbeck | KWS Suisse SA, Basel | KM11/e1 | SM11/e1 |
| **KXB6320** | KXB6320 | TC | KWS, Einbeck | KWS Suisse SA, Basel | KM01/e1 | SM11/e1 |
| **DFI45214** | DFI45214 | | DSP, Delley | DSP, Delley | | SM11/1. |
| **Cranberri CS** | CSM3168 | TC | Caussade Semences | Fenaco, Moudon | | SM11/T |
| **Benedictio KWS** | KXB4138 | SC | KWS, Einbeck | KWS Suisse SA, Basel | KM11/T | SM11/T |
| **LG 30.215** | LZM 162/51 | SC | Limagrain / Europe | Fenaco, Moudon | | SM11/T |
| **Xxilo** | RH09086 | TC | RAGT, Rodez | Fenaco, Moudon | | SM11/T |

## 3.2.3 Standorteigenschaften und Bewirtschaftungsmassnahmen / informations sur les sites et techniques culturales

| Technische Versuchsangaben / données techniques / technical information | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Standort / lieu / site: | Nyon (430 m ü.M.) | Grangeneuve (650 m ü.M.) | Delley (500 m ü.M.) Pré Billon 2 | Habstetten (680 m ü.M.) | Alikon (494 m ü.M.) | Zürich- Affoltern (450 m ü.M.) | Eglisau (392 m ü.M.) | Ellighausen (517 m ü.M.) |
| Bodenart / type de sol / soil type: | limono salbleux | moyen | Moyen: 15-20 % argile, pH 7.2 | sandiger Lehm | schwach humoser Schlufflehm | Parabraunerde | Leicht; mittel humos | - |
| Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest): | 209 mm 1470 °C Bewässerung/ irrigation 15.06., 06.07. et 18.07.: 30 l/m2 à chaque apport | - | 188.0 mm (selon AgroMeteo, station Delley) 1558.2 °C (selon AgroMeteo, station Delley, seuil 6°C) | 1629 °C | - | 332 mm 1591 °C | - | 466 mm 1476 °C |
| Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen /blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzellengrösse / grandeur d'une parcelle / plot size: | 4reihig, mit 0.8m Weg (22.4m2 brutto), 10m2 netto | 4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto | Semé: 17 m2 per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs Récolté: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu | 4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto | 15 m2 pro Parzelle brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto |
| Vorfrucht / précédent cultural / previous crop: | blé printemps/ couverts végétaux | prairie | Maïs ensilage | blé d'hiver | Körnerraps anschliessend Gründüngung Ufa Lepha | Kunstwiese / prairie temporaire / temporary grassland | Weizen / Zwischenfutter | Raps - Zwischenfutter (Wick-Hafer-Erbsgemenge) |
| Bodenbearbeitung / travail du sol / soil cultivation: | labour charrue 06.12.2016 - cultivateur 24 04 2017 et 16 052017 | Pflug (15.5.17) und Kreiselegge (16.5.2017) / charrue et herse rotative / plough and rotary harrow | 23.02.17: labour 23.05.17: herse rotative | Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow | Streifenfrässaat | Pflug (28.11.16); Federzahnegge (29.3.17) und Kreiselegge (10.5.2017) / charrue, herse et herse rotative / plough, harrow and rotary harrow | Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow | Pflug (Hebst) und Kreiselegge / charrue (automn) et herse rotative / plough (fall) and rotary harrow |
| Saat / date de semis / sowing date: | 22 05 2017 | 16.05.2017 | 24.05.2017 (jour 145) | 11.05.2017 | 18.05.2017 | 10.05.2017 | 06.05.2017 | 17.05.2017 |
| Ernte / date de récolte / harvest date: | 07.09.2017 | 04.10.2017 | 11.09.2017 (jour 255) | 21.09.2017 | 28.09.2017 | 07.09.2017 | 30.08.2017 | 23.09.2017 |

## Technische Versuchsangaben / données techniques / technical information

| Standort / lieu / site: | Nyon (430 m ü.M.) | Grangeneuve (650 m ü.M.) | Delley (500 m ü.M.) Pré Billon 2 | Habstetten (680 m ü.M.) | Alikon (494 m ü.M.) | Zürich- Affoltern (450 m ü.M.) | Eglisau (392 m ü.M.) | Ellighausen (517 m ü.M.) |
|---|---|---|---|---|---|---|---|---|
| Saatdichte / densité de semis / sowing density: | 10.0 Körner / grains pro m2 | 10.0 Körner / grains pro m2 | Semis: 10.8 grains pro m2, éclaircit à 10 plantes/m2 | 10.0 Körner / grains pro m2 | 11.0 Körner / grains pro m2 | 11.0 Körner / grains pro m2 | 11.0 Körner / grains pro m2 | 11.0 Körner / grains pro m2 |
| Vegetationsdauer / durée de vegetation / growing period | 108 Tage / jours / days | 141 Tage / jours / days | 110 Tage / jours / days | 133 Tage / jours / days | 133 Tage / jours / days | 120 Tage / jours / days | 116 Tage / jours / days | 129 Tage / jours / days |
| Reihenabstand / interlignes / row distance: | 75 cm | 75 cm | 80 cm | 75 cm | 75 cm | 75 cm | 75 cm | 75 cm |
| Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control: | - | - | - | - | Gründüngung Mulchen | - | keine | 28.6.: Sternhacke nach Verschlämmung durch Stark-niederschläge |
| Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control: | Gardo Gold 4 l/ ha, Banvel4S 0,5 l/ ha, Elumis 1,3 l/ha (08.06.2017) | 10.6.17: 1.5 l/ha Equip Power | 13.06.17: 1L/ha Elumis + 4 L/ha Gardo Gold | Elumis 1.3 l/ha + Banvel 4S 0.4l/ha (27.06.2017) | 28.03.2017: Glyfosat 3.0 l/ ha + Checkpoint 0.2l/ ha; 03.06.2017: 0.3 kg/ha Arigo + 0.5 l/ha Dual Gold | 8.6: Aspect 1.5l/ha, Laudis 0.5l/ha, Banvel M 2.0l/ha | Garda Gold 4 lt/ ha, Calisto 0.8 lt/ ha, Maisnico 0.7 lt/ ha (26.5.17) | 8.6: Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha |
| Grunddüngung / fumure de base / basic fertilisation: | 02.08.2016: 50 m3 purin bovins; 27.02.2017: Super triple 46% 61 kg P/ha | 30 t/ha de fumier bovin et 35 m3/ha de lisier bovin (1 kg N/ m3) | 250 kg Landor 0.20.30 | - | 03.04.2017: Schweinegülle 30m3 / ha + Piadin; 17.04.2017: Legehennenmist 5 m3 / ha | - | PK 20.30: 60 kg P/ha, 90 kg K/ha (3.5.17) | nach Raps 15 to/ha Stapelmist |
| N-Düngung / fumure N / N fertilisation: | 29.05.2017: nitrate ammoniaque 27.5 % 60 kg N/ha; 14.06.2017 urée 46 % 60 kg N/ha | 29.6.17: urée 46 %: 115 kg N/ha | 24.05.17: 80 U Sulfonitrate 26%N+14S+0.2B 20.06.17: 76 U Urée 46% | 38.5 kg N/ha (ammonitrate, 23.05.2017); 78 kg N/ha (urée 8.06.2017) | 18.05.2017 Entec 150 kg / ha; 03.06.2017: Harnstoff 160 kg / ha | Harnstoff 46% 82.8 kg N/ha (10.5.), Harnstoff 46 % 32.2 kg N/ha (30.5.) | Harnstoff 46 kg N/ha (2.6.17); Harnstoff 92 kg N/ha (27.6.17) | 28.5.: Ammonsalpeter (55 kg N/ha); 12.6. Harnstoff (70 kg N/ha) |
| Ernte / Récolte / harvest: | Baural Maishäcksler / ensileuse | Baural Maishäcksler / ensileuse | Ensileuse expérimentale | Baural Maishäcksler / ensileuse | New Holland Versuchsmaishäcksler | | | |

| Sorte | Status | VOS | Ertrag | Reife | Jugend-entwi. | Wurzellag. Veg. | Wurzellag. Ernte | Stängelbr. Ernte | Beulen-brand | Oekon. Index | Agron. Index | Gesamt-index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Amaroc** | e2 | -0.78 | 11.28 | 0.35 | 0.26 | 0.16 | -0.03 | | -0.68 | 10.50 | 0.06 | 10.56 |
| **Benedictio KWS** | T | 3.22 | 3.45 | 1.27 | -0.05 | 0.11 | 0.37 | | 1.04 | 6.67 | 2.74 | 9.41 |
| **Severeen** | e2 | -0.21 | 4.65 | -0.04 | -0.05 | 0.26 | 0.15 | | 0.40 | 4.44 | 0.72 | 5.17 |
| **KXB6141** | e1 | -1.71 | 6.87 | -0.28 | 0.35 | -0.18 | -0.65 | | 0.27 | 5.16 | -0.50 | 4.66 |
| **LG 31.259** | e2 | -1.33 | 3.13 | -0.16 | 0.35 | -0.10 | 0.10 | | 0.49 | 1.80 | 0.68 | 2.48 |
| **KXB6142** | e1 | -3.24 | 7.32 | -0.41 | 0.18 | -0.48 | -0.70 | | -0.20 | 4.08 | -1.61 | 2.47 |
| **LG 30.248** | S | 1.47 | 1.43 | -1.23 | 0.24 | -0.34 | -0.31 | | -0.36 | 2.90 | -2.00 | 0.90 |
| **DKC 3440** | S | -1.47 | -1.43 | 1.23 | -0.24 | 0.34 | 0.31 | | 0.36 | -2.90 | 2.00 | -0.90 |
| **Farmirage** | e1 | -0.83 | 2.62 | -4.75 | 0.30 | 0.15 | 0.10 | | 0.92 | 1.79 | -3.27 | -1.48 |
| **SY Talisman** | S | -0.69 | -0.64 | 0.28 | 0.10 | -0.24 | -0.56 | | 0.15 | -1.33 | -0.27 | -1.60 |
| **Gottardo KWS** | S | 2.16 | -4.92 | 0.88 | 0.01 | 0.32 | 0.32 | | -0.43 | -2.77 | 1.11 | -1.66 |
| **ES Albatros** | S | -1.21 | 0.45 | -3.06 | -0.01 | 0.13 | 0.23 | | 1.18 | -0.75 | -1.54 | -2.29 |
| **DKC 3872** | e1 | -0.44 | 0.54 | -3.00 | -0.24 | 0.07 | 0.27 | | -0.49 | 0.10 | -3.39 | -3.29 |
| **P8333** | e1 | -0.21 | 4.47 | -2.39 | -0.30 | -1.71 | -2.89 | | -0.63 | 4.27 | -7.93 | -3.66 |
| **CSM 16204** | e1 | -5.09 | 4.63 | -2.82 | 0.14 | 0.01 | -1.57 | | 1.00 | -0.46 | -3.24 | -3.70 |
| **LG 31.237** | e2 | -0.38 | -1.43 | -0.34 | 0.18 | -0.35 | -0.18 | | -1.22 | -1.81 | -1.91 | -3.72 |
| **SY Pandoras** | e1 | -1.79 | 0.56 | -3.79 | 0.24 | 0.30 | 0.32 | | 0.27 | -1.23 | -2.66 | -3.89 |
| **SY Telias** | S | 0.96 | -3.86 | -1.41 | 0.10 | 0.30 | 0.27 | | -0.58 | -2.90 | -1.33 | -4.23 |
| **RGT Mexxner** | e1 | -1.41 | -0.33 | -2.21 | 0.05 | 0.15 | 0.10 | | -0.75 | -1.74 | -2.66 | -4.40 |
| **ES Crossman** | e2 | -4.29 | 3.06 | -3.78 | 0.24 | -0.15 | -0.39 | | 0.91 | -1.23 | -3.17 | -4.40 |
| **RGT Bixx** | e1 | -1.71 | 1.90 | -4.33 | 0.03 | 0.03 | 0.22 | | -0.63 | 0.19 | -4.68 | -4.49 |
| **SM F0140** | e1 | 0.51 | -3.74 | -3.84 | 0.37 | 0.35 | 0.42 | | 0.27 | -3.23 | -2.43 | -5.66 |
| **LG 31.235** | e2 | 1.02 | -4.00 | -2.12 | 0.12 | 0.26 | 0.42 | | -2.23 | -2.97 | -3.55 | -6.52 |
| **Janero** | e1 | 2.06 | -4.97 | -4.58 | 0.18 | 0.39 | 0.42 | | -0.48 | -2.91 | -4.08 | -6.99 |
| **Xxilo** | T | -5.23 | -1.68 | -1.33 | 0.16 | 0.23 | 0.42 | | 0.26 | -6.90 | -0.26 | -7.16 |
| **Cranberri CS** | T | -2.74 | -4.35 | 0.53 | -0.01 | -0.18 | -1.62 | | 0.86 | -7.09 | -0.41 | -7.50 |
| **KXB6320** | e1 | -3.61 | -4.28 | -1.11 | 0.16 | 0.25 | 0.42 | | -1.85 | -7.89 | -2.13 | -10.02 |
| **Aga Einstein** | e2 | -5.69 | -1.16 | -3.67 | 0.24 | -0.33 | 0.25 | | 0.02 | -6.85 | -3.48 | -10.33 |
| **LG 30.215** | T | -1.21 | -10.69 | -1.20 | 0.30 | -0.05 | 0.42 | | 0.43 | -11.90 | -0.10 | -12.00 |
| **DFI45214** | 1. | -6.29 | -7.91 | -1.31 | 0.28 | 0.37 | 0.42 | | -0.78 | -14.21 | -1.02 | -15.23 |
| | | | | | | | | | | | | |
| **Bezugsgrössen** | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | | | | | | | | |
| Anz. Beob. | | 24 | 24 | 24 | 19 | 6 | 6 | 0 | 21 | | | |
| Anz. Orte | | 8 | 8 | 8 | 24 | 2 | 2 | 0 | 7 | | | |
| Gewichtung | | 0.40 | 0.50 | 1.25 | 8.00 | 0.25 | 0.75 | 0.75 | 0.25 | | | |

### 3.2.5 Zusammenfassung / résumé

| Sorten Bezeich-nung | Jugend-ent-wicklg. Note | Saat-weibl. Blüte Tage | Saat-männl. Blüte Tage | Pflan-zen-höhe cm | Kolben-ansatz-höhe cm | relat. Kolben-höhe % | Wurzel-lager Veg. % | Wurzel-lager Ernte % | gebr. Pfl. Veg. Note |
|---|---|---|---|---|---|---|---|---|---|
| **ES Albatros** | 4.2 | 88.6 | 87.7 | 270 | 128 | 47.3 | 4.4 | 1.0 | 1.0 |
| **SY Talisman** | 4.0 | 87.6 | 86.7 | 274 | 131 | 47.7 | 10.4 | 5.2 | 1.0 |
| **Gottardo KWS** | 4.2 | 86.9 | 85.8 | 268 | 114 | 42.6 | 1.3 | 0.5 | 1.3 |
| **SY Telias** | 4.0 | 88.4 | 86.8 | 261 | 118 | 45.2 | 1.7 | 0.8 | 1.0 |
| **DKC 3440** | 4.7 | 87.6 | 86.6 | 262 | 107 | 41.0 | 1.1 | 0.5 | 1.0 |
| **LG 30.248** | 3.7 | 85.9 | 85.1 | 265 | 111 | 42.0 | 11.9 | 3.9 | 1.0 |
| **LG 31.235** | 4.0 | 86.5 | 85.3 | 259 | 103 | 39.7 | 2.3 | 0.0 | 1.0 |
| **LG 31.259** | 3.5 | 87.4 | 86.7 | 287 | 131 | 45.6 | 8.1 | 1.7 | 1.0 |
| **LG 31.237** | 3.8 | 87.0 | 86.2 | 275 | 120 | 43.6 | 12.1 | 3.2 | 1.0 |
| **Severeen** | 4.3 | 87.5 | 87.4 | 276 | 126 | 45.8 | 2.3 | 1.4 | 1.0 |
| **Aga Einstein** | 3.7 | 89.0 | 87.0 | 274 | 126 | 45.7 | 11.8 | 0.9 | 1.0 |
| **ES Crossman** | 3.7 | 88.0 | 86.9 | 278 | 126 | 45.6 | 8.9 | 4.3 | 1.0 |
| **Amaroc** | 3.7 | 89.7 | 88.3 | 279 | 132 | 47.3 | 4.0 | 2.4 | 1.3 |
| **RGT Mexxner** | 4.1 | 88.2 | 87.0 | 276 | 117 | 42.4 | 4.1 | 1.7 | 1.3 |
| **RGT Bixx** | 4.1 | 88.6 | 87.2 | 278 | 132 | 47.2 | 6.1 | 1.0 | 1.0 |
| **CSM 16204** | 3.9 | 89.8 | 88.8 | 278 | 135 | 48.6 | 6.3 | 10.6 | 1.0 |
| **DKC 3872** | 4.7 | 89.7 | 87.9 | 275 | 127 | 46.0 | 5.4 | 0.8 | 1.0 |
| **Farmirage** | 3.6 | 89.2 | 87.1 | 274 | 126 | 45.8 | 4.1 | 1.7 | 1.0 |
| **SM F0140** | 3.5 | 86.9 | 85.9 | 261 | 114 | 44.2 | 0.8 | 0.0 | 1.0 |
| **P8333** | 4.8 | 90.1 | 89.8 | 274 | 124 | 45.4 | 33.8 | 17.6 | 1.0 |
| **SY Pandoras** | 3.7 | 88.7 | 87.3 | 273 | 123 | 45.0 | 1.6 | 0.5 | 1.0 |
| **Janero** | 3.8 | 87.7 | 86.2 | 262 | 123 | 47.1 | 0.3 | 0.0 | 1.0 |
| **KXB6141** | 3.5 | 88.5 | 88.3 | 276 | 128 | 46.3 | 9.4 | 5.7 | 1.0 |
| **KXB6142** | 3.8 | 89.5 | 88.0 | 281 | 134 | 47.7 | 14.1 | 6.0 | 1.3 |
| **KXB6320** | 3.9 | 88.2 | 87.1 | 278 | 129 | 46.5 | 2.4 | 0.0 | 1.0 |
| **DFI45214** | 3.6 | 87.7 | 85.9 | 277 | 115 | 41.3 | 0.6 | 0.0 | 1.0 |
| **Cranberri CS** | 4.2 | 86.6 | 85.7 | 269 | 111 | 41.4 | 9.4 | 10.8 | 1.3 |
| **Benedictio KWS** | 4.3 | 88.1 | 87.4 | 260 | 119 | 45.8 | 4.8 | 0.3 | 1.3 |
| **LG 30.215** | 3.6 | 87.1 | 85.7 | 268 | 119 | 44.5 | 7.3 | 0.0 | 1.0 |
| **Xxilo** | 3.9 | 88.4 | 86.6 | 276 | 125 | 45.2 | 2.8 | 0.0 | 1.0 |
| **Bezugsgrösse(n)** | 4.2 | 86.8 | 85.8 | 264 | 109 | 41.5 | 6.5 | 2.2 | 1.0 |
| **Versuchs-Mittel** | 3.9 | 88.1 | 87.0 | 272 | 122 | 45.0 | 6.5 | 2.7 | 1.1 |
| VK [%] | 17.0 | 1.0 | 1.1 | 5 | 9 | 9.2 | 88.3 | 188.4 | 24.0 |
| KGD (5%) | 0.4 | 0.6 | 0.7 | 9 | 7 | 2.7 | 6.5 | 5.9 | |
| KGD (1%) | 0.5 | 0.9 | 0.9 | 12 | 10 | 3.6 | 8.6 | 7.8 | |
| Versuchs-Streuung | 0.7 | 0.9 | 0.9 | 14 | 11 | 4.1 | 5.7 | 5.2 | 0.3 |
| FG Fehlerterm | 464.0 | 290.0 | 290.0 | 348 | 348 | 348.0 | 116.0 | 116.0 | 58.0 |
| Anz. Beob. | 24.0 | 15.0 | 15.0 | 18 | 18 | 18.0 | 6.0 | 6.0 | 3.0 |
| Anz. Orte | 8.0 | 5.0 | 5.0 | 6 | 6 | 6.0 | 2.0 | 2.0 | 1.0 |
| Minimum | 3.5 | 85.9 | 85.1 | 259 | 103 | 39.7 | 0.3 | 0.0 | 1.0 |
| Maximum | 4.8 | 90.1 | 89.8 | 287 | 135 | 48.6 | 33.8 | 17.6 | 1.3 |

| Sorten Bezeich-nung | Beulen-brand | Mais-zünsler | allg. Ein-druck | Effekt. Best. dichte | Ertrag g.Pfl. frisch | TS-Ertrag g.Pfl. | TS-Gehalt g.Pfl. | VOS-Ertrag | Stärke-Ertrag | VOS Gehalt NIR |
|---|---|---|---|---|---|---|---|---|---|---|
| | % | % | Note | Pfl./m2 | dt/ha | dt/ha | % | dt/ha | dt/ha | g/kg TS |
| **ES Albatros** | 0.6 | 3.5 | 4.0 | 9.6 | 683.9 | 242.6 | 35.6 | 169.8 | 83.6 | 699.9 |
| **SY Talisman** | 5.3 | 1.6 | 2.3 | 9.6 | 628.9 | 240.4 | 38.3 | 168.4 | 83.8 | 701.2 |
| **Gottardo KWS** | 8.0 | 2.3 | 2.3 | 9.8 | 601.6 | 231.8 | 38.8 | 164.1 | 85.6 | 708.3 |
| **SY Telias** | 8.7 | 2.2 | 4.0 | 9.6 | 639.4 | 233.9 | 36.9 | 164.8 | 83.6 | 705.3 |
| **DKC 3440** | 4.4 | 3.0 | 3.0 | 9.1 | 613.7 | 238.8 | 39.0 | 166.7 | 82.9 | 699.3 |
| **LG 30.248** | 7.6 | 2.6 | 3.3 | 9.4 | 662.3 | 244.5 | 37.1 | 172.8 | 83.4 | 706.6 |
| **LG 31.235** | 16.2 | 1.5 | 4.0 | 9.4 | 648.2 | 233.7 | 36.4 | 164.7 | 81.3 | 705.5 |
| **LG 31.259** | 3.7 | 3.2 | 4.3 | 9.4 | 654.9 | 247.9 | 37.9 | 173.2 | 84.3 | 699.6 |
| **LG 31.237** | 11.6 | 3.5 | 2.7 | 9.7 | 634.3 | 238.8 | 37.8 | 167.4 | 79.1 | 702.0 |
| **Severeen** | 4.2 | 1.5 | 3.0 | 9.5 | 663.5 | 251.0 | 38.0 | 176.1 | 89.7 | 702.4 |
| **Aga Einstein** | 5.9 | 3.0 | 3.7 | 9.3 | 689.6 | 239.3 | 35.1 | 165.0 | 82.2 | 688.7 |
| **ES Crossman** | 1.9 | 1.6 | 2.7 | 9.0 | 710.5 | 247.8 | 35.0 | 171.6 | 86.3 | 692.2 |
| **Amaroc** | 9.1 | 2.4 | 3.3 | 9.7 | 694.8 | 264.2 | 38.3 | 184.9 | 93.6 | 701.0 |
| **RGT Mexxner** | 9.4 | 1.6 | 3.0 | 9.4 | 667.3 | 241.0 | 36.3 | 168.4 | 77.9 | 699.4 |
| **RGT Bixx** | 8.9 | 2.1 | 4.0 | 9.7 | 712.2 | 245.5 | 34.6 | 171.6 | 87.4 | 698.7 |
| **CSM 16204** | 1.4 | 1.5 | 2.0 | 9.4 | 707.5 | 250.9 | 35.8 | 173.1 | 85.6 | 690.2 |
| **DKC 3872** | 8.3 | 2.1 | 2.7 | 9.8 | 686.8 | 242.7 | 35.7 | 170.2 | 84.0 | 701.8 |
| **Farmirage** | 1.8 | 1.7 | 2.7 | 9.5 | 723.3 | 246.9 | 34.2 | 172.9 | 90.7 | 700.9 |
| **SM F0140** | 4.8 | 2.9 | 2.7 | 9.4 | 674.4 | 234.2 | 35.0 | 164.7 | 86.1 | 704.2 |
| **P8333** | 8.9 | 1.7 | 2.3 | 9.4 | 701.2 | 250.6 | 36.1 | 176.0 | 87.3 | 702.4 |
| **SY Pandoras** | 4.8 | 1.7 | 2.3 | 9.8 | 696.4 | 242.8 | 35.0 | 169.4 | 84.6 | 698.5 |
| **Janero** | 8.2 | 1.2 | 4.0 | 9.2 | 679.7 | 231.7 | 34.4 | 163.9 | 85.0 | 708.1 |
| **KXB6141** | 4.8 | 1.9 | 3.0 | 9.3 | 679.2 | 255.4 | 37.8 | 178.3 | 89.8 | 698.7 |
| **KXB6142** | 6.9 | 3.4 | 2.7 | 9.7 | 682.1 | 256.3 | 37.7 | 178.0 | 86.7 | 694.8 |
| **KXB6320** | 14.5 | 3.4 | 4.3 | 9.5 | 631.3 | 233.1 | 37.2 | 161.5 | 82.0 | 693.9 |
| **DFI45214** | 9.6 | 3.2 | 2.7 | 9.0 | 615.9 | 225.8 | 37.0 | 155.1 | 74.8 | 687.2 |
| **Cranberri CS** | 2.1 | 2.2 | 3.7 | 9.4 | 609.3 | 233.0 | 38.5 | 162.2 | 79.0 | 696.1 |
| **Benedictio KWS** | 1.3 | 1.6 | 2.3 | 9.8 | 640.2 | 248.6 | 39.1 | 176.4 | 91.0 | 711.0 |
| **LG 30.215** | 4.1 | 4.8 | 4.0 | 9.3 | 597.1 | 220.3 | 37.1 | 153.9 | 79.4 | 699.9 |
| **Xxilo** | 4.8 | 1.7 | 2.7 | 9.7 | 647.1 | 238.3 | 37.0 | 164.4 | 78.9 | 689.9 |
| **Bezugsgrösse(n)** | 6.0 | 2.8 | 3.2 | 9.2 | 638.0 | 241.7 | 38.0 | 169.7 | 83.1 | 702.9 |
| **Versuchs-Mittel** | 6.4 | 2.4 | 3.1 | 9.5 | 662.6 | 241.7 | 36.8 | 169.0 | 84.3 | 699.6 |
| VK [%] | 73.7 | 94.7 | 21.5 | 5.0 | 5.6 | 5.8 | 4.6 | 6.8 | 10.9 | 2.8 |
| KGD (5%) | 2.9 | | 1.1 | 0.3 | 20.9 | 8.0 | 1.0 | 6.5 | 5.2 | 11.1 |
| KGD (1%) | 3.8 | | 1.5 | 0.4 | 27.5 | 10.5 | 1.3 | 8.6 | 6.9 | 14.6 |
| Versuchs-Streuung | 4.7 | 2.2 | 0.7 | 0.5 | 36.8 | 14.0 | 1.7 | 11.5 | 9.2 | 19.5 |
| FG Fehlerterm | 406.0 | 174.0 | 58.0 | 464.0 | 464.0 | 464.0 | 464.0 | 464.0 | 464.0 | 464.0 |
| Anz. Beob. | 21.0 | 9.0 | 3.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| Anz. Orte | 7.0 | 3.0 | 1.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| Minimum | 0.6 | 1.2 | 2.0 | 9.0 | 597.1 | 220.3 | 34.2 | 153.9 | 74.8 | 687.2 |
| Maximum | 16.2 | 4.8 | 4.3 | 9.8 | 723.3 | 264.2 | 39.1 | 184.9 | 93.6 | 711.0 |

| Sorten Bezeich-nung | Stärke Gehalt NIR g/kg TS | Rohfaser Gehalt NIR g/kg TS | NDF Gehalt NIR g/kg TS | Rohprotein Gehalt NIR g/kg TS | NEL Gehalt MJ/kg TS | NEV Gehalt MJ/kg TS |
|---|---|---|---|---|---|---|
| **ES Albatros** | 344.8 | 168.9 | 382.1 | 66.3 | 6.4 | 6.5 |
| **SY Talisman** | 349.9 | 167.9 | 393.5 | 62.3 | 6.4 | 6.5 |
| **Gottardo KWS** | 369.2 | 159.5 | 374.4 | 65.2 | 6.4 | 6.6 |
| **SY Telias** | 359.7 | 163.3 | 379.9 | 64.9 | 6.4 | 6.6 |
| **DKC 3440** | 348.1 | 168.0 | 387.5 | 62.4 | 6.3 | 6.5 |
| **LG 30.248** | 341.3 | 169.4 | 391.0 | 64.0 | 6.4 | 6.6 |
| **LG 31.235** | 349.7 | 169.2 | 387.5 | 62.5 | 6.4 | 6.6 |
| **LG 31.259** | 342.1 | 171.0 | 398.0 | 62.7 | 6.4 | 6.5 |
| **LG 31.237** | 334.0 | 174.2 | 399.4 | 64.3 | 6.4 | 6.5 |
| **Severeen** | 358.5 | 169.1 | 383.6 | 66.0 | 6.4 | 6.5 |
| **Aga Einstein** | 342.3 | 169.6 | 385.3 | 65.4 | 6.2 | 6.3 |
| **ES Crossman** | 348.2 | 166.6 | 381.1 | 66.5 | 6.3 | 6.4 |
| **Amaroc** | 357.3 | 162.9 | 379.7 | 63.0 | 6.4 | 6.5 |
| **RGT Mexxner** | 325.0 | 175.5 | 403.3 | 65.2 | 6.4 | 6.5 |
| **RGT Bixx** | 356.7 | 166.1 | 379.3 | 64.2 | 6.3 | 6.5 |
| **CSM 16204** | 341.4 | 170.0 | 380.5 | 63.7 | 6.2 | 6.4 |
| **DKC 3872** | 348.4 | 167.2 | 390.4 | 59.5 | 6.4 | 6.5 |
| **Farmirage** | 369.2 | 159.4 | 359.4 | 66.5 | 6.4 | 6.5 |
| **SM F0140** | 369.8 | 157.7 | 355.3 | 67.0 | 6.4 | 6.6 |
| **P8333** | 349.6 | 170.7 | 386.6 | 67.1 | 6.4 | 6.5 |
| **SY Pandoras** | 350.1 | 165.4 | 379.8 | 67.8 | 6.3 | 6.5 |
| **Janero** | 368.1 | 162.3 | 365.8 | 69.7 | 6.4 | 6.6 |
| **KXB6141** | 353.3 | 163.9 | 374.5 | 65.0 | 6.3 | 6.5 |
| **KXB6142** | 340.2 | 168.3 | 388.1 | 63.3 | 6.3 | 6.4 |
| **KXB6320** | 353.7 | 165.3 | 376.7 | 65.8 | 6.3 | 6.4 |
| **DFI45214** | 332.5 | 169.3 | 384.5 | 64.3 | 6.2 | 6.3 |
| **Cranberri CS** | 340.5 | 169.7 | 387.6 | 65.6 | 6.3 | 6.5 |
| **Benedictio KWS** | 369.1 | 157.4 | 363.1 | 64.1 | 6.5 | 6.7 |
| **LG 30.215** | 363.3 | 158.9 | 368.5 | 68.0 | 6.4 | 6.5 |
| **Xxilo** | 332.1 | 171.5 | 398.1 | 64.4 | 6.2 | 6.4 |
| **Bezugsgrösse(n)** | 344.7 | 168.7 | 389.3 | 63.2 | 6.4 | 6.5 |
| **Versuchs-Mittel** | 350.3 | 166.6 | 382.1 | 64.9 | 6.3 | 6.5 |
| VK [%] | 8.3 | 6.8 | 6.0 | 4.5 | 3.4 | 4.3 |
| KGD (5%) | 16.4 | 6.9 | 13.1 | 1.7 | 0.1 | 0.2 |
| KGD (1%) | 21.6 | 9.0 | 17.2 | 2.2 | 0.2 | 0.2 |
| Versuchs-Streuung | 29.0 | 11.3 | 23.1 | 3.0 | 0.2 | 0.3 |
| FG Fehlerterm | 464.0 | 406.0 | 464.0 | 464.0 | 464.0 | 464.0 |
| Anz. Beob. | 24.0 | 21.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| Anz. Orte | 8.0 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| Minimum | 325.0 | 157.4 | 355.3 | 59.5 | 6.2 | 6.3 |
| Maximum | 369.8 | 175.5 | 403.3 | 69.7 | 6.5 | 6.7 |

### 3.2.6 Détails

## Vigueur au départ [note] / Jugendentwicklung [Note]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 4.2 | ----- | 5.0 | ---- | 3.0 | ---- | 5.0 | ---- | 6.0 | ------ |
| SY Talisman | 4.0 | ---- | 5.0 | ---- | 3.7 | ------ | 5.0 | ---- | 5.3 | ---- |
| Gottardo KWS | 4.2 | ----- | 5.3 | ----- | 2.3 | --- | 4.7 | -- | 5.7 | ----- |
| SY Telias | 4.0 | ---- | 4.7 | -- | 3.3 | ----- | 5.0 | ---- | 5.3 | ---- |
| DKC 3440 | 4.7 | -------- | 5.3 | ----- | 5.0 | --------- | 5.7 | ------- | 6.3 | ------- |
| LG 30.248 | 3.7 | -- | 5.0 | ---- | 2.7 | ---- | 5.3 | ----- | 5.0 | --- |
| LG 31.235 | 4.0 | ---- | 5.0 | ---- | 4.3 | ------- | 5.3 | ----- | 5.0 | --- |
| LG 31.259 | 3.5 | - | 5.0 | ---- | 2.0 | -- | 4.7 | -- | 4.7 | -- |
| LG 31.237 | 3.8 | --- | 5.7 | ------- | 2.0 | -- | 5.0 | ---- | 6.0 | ------ |
| Severeen | 4.3 | ------ | 5.7 | ------- | 3.3 | ----- | 5.7 | ------- | 5.7 | ----- |
| Aga Einstein | 3.7 | -- | 5.0 | ---- | 2.7 | ---- | 4.3 | - | 5.3 | ---- |
| ES Crossman | 3.7 | -- | 5.0 | ---- | 2.0 | -- | 5.0 | ---- | 5.7 | ----- |
| Amaroc | 3.7 | -- | 5.3 | ----- | 2.0 | -- | 5.0 | ---- | 5.3 | ---- |
| RGT Mexxner | 4.1 | ---- | 5.3 | ----- | 3.7 | ------ | 5.3 | ----- | 5.3 | ---- |
| RGT Bixx | 4.1 | ----- | 5.7 | ------- | 3.7 | ------ | 5.3 | ----- | 5.3 | ---- |
| CSM 16204 | 3.9 | --- | 5.3 | ----- | 3.3 | ----- | 5.3 | ----- | 5.7 | ----- |
| DKC 3872 | 4.7 | -------- | 5.7 | ------- | 3.3 | ----- | 5.7 | ------- | 7.0 | --------- |
| Farmirage | 3.6 | - | 4.7 | -- | 1.7 | - | 4.7 | -- | 5.0 | --- |
| SM F0140 | 3.5 | - | 4.7 | -- | 2.3 | --- | 5.0 | ---- | 4.3 | - |
| P8333 | 4.8 | --------- | 6.0 | --------- | 4.3 | ------- | 6.0 | --------- | 6.7 | -------- |
| SY Pandoras | 3.7 | -- | 4.7 | -- | 1.7 | - | 5.7 | ------- | 5.7 | ----- |
| Janero | 3.8 | --- | 5.0 | ---- | 2.7 | ---- | 6.0 | --------- | 5.0 | --- |
| KXB6141 | 3.5 | - | 5.3 | ----- | 2.0 | -- | 4.7 | -- | 5.0 | --- |
| KXB6142 | 3.8 | --- | 5.7 | ------- | 1.7 | - | 5.0 | ---- | 6.3 | ------- |
| KXB6320 | 3.9 | --- | 4.3 | - | 2.7 | ---- | 5.0 | ---- | 5.3 | ---- |
| DFI45214 | 3.6 | -- | 4.7 | -- | 1.7 | - | 5.0 | ---- | 5.0 | --- |
| Cranberri CS | 4.2 | ----- | 5.3 | ----- | 3.3 | ----- | 5.3 | ----- | 6.3 | ------- |
| Benedictio KWS | 4.3 | ------ | 5.3 | ----- | 4.0 | ------ | 5.0 | ---- | 6.3 | ------- |
| LG 30.215 | 3.6 | - | 5.3 | ----- | 1.3 | - | 5.0 | ---- | 5.0 | --- |
| Xxilo | 3.9 | --- | 5.3 | ----- | 2.7 | ---- | 4.7 | -- | 5.3 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 4.2 | ----- | 5.2 | ----- | 3.8 | ------ | 5.5 | ------ | 5.7 | ----- |
| Versuchs-Mittel | 3.9 | ---- | 5.2 | ----- | 2.8 | ---- | 5.1 | ---- | 5.5 | ---- |
| | | | | | | | | | | |
| VK [%] | 17.0 | | 9.8 | | 40.1 | | 8.1 | | 10.4 | |
| KGD (5%) | 0.4 | | 0.8 | | 1.8 | | 0.7 | | 0.9 | |
| KGD (1%) | 0.5 | | ns | | 2.4 | | 0.9 | | 1.3 | |
| Versuchs-Streuung | 0.7 | | 0.5 | | 1.1 | | 0.4 | | 0.6 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 86.2 | 29 | 6.63 | *** | 1.49 | 0.0000 |
| Anbauorte | 823.5 | 7 | 262.65 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 124.6 | 203 | 1.37 | ns | 1.21 | |
| Fehler | 207.8 | 464 | | | | |
| Insgesamt | 1242.0 | 703 | | | | |

## Vigueur au départ [note] / Jugendentwicklung [Note]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 4.0 | --------- | 3.0 | ----- | 3.3 | ----- | 4.3 | --------- |
| SY Talisman | 4.0 | --------- | 2.3 | -- | 3.0 | --- | 3.7 | ------ |
| Gottardo KWS | 4.0 | --------- | 3.7 | --------- | 3.7 | ------ | 4.0 | ------- |
| SY Telias | 3.3 | ----- | 3.0 | ----- | 3.0 | --- | 4.3 | --------- |
| DKC 3440 | 3.7 | ------- | 3.7 | --------- | 3.7 | ------ | 4.0 | ------- |
| LG 30.248 | 3.0 | --- | 2.7 | ---- | 2.7 | -- | 3.3 | ----- |
| LG 31.235 | 4.0 | --------- | 2.0 | - | 2.7 | -- | 3.3 | ----- |
| LG 31.259 | 3.0 | --- | 2.3 | -- | 3.0 | --- | 3.3 | ----- |
| LG 31.237 | 3.0 | --- | 2.3 | -- | 3.7 | ------ | 3.0 | ---- |
| Severeen | 3.7 | ------- | 2.7 | ---- | 3.3 | ----- | 4.3 | --------- |
| Aga Einstein | 3.0 | --- | 3.0 | ----- | 2.7 | -- | 3.7 | ------ |
| ES Crossman | 3.0 | --- | 2.7 | ---- | 3.0 | --- | 3.3 | ----- |
| Amaroc | 3.0 | --- | 2.7 | ---- | 3.0 | --- | 3.0 | ---- |
| RGT Mexxner | 3.7 | ------- | 3.0 | ----- | 3.0 | --- | 3.3 | ----- |
| RGT Bixx | 3.3 | ----- | 2.7 | ---- | 3.0 | --- | 4.0 | ------- |
| CSM 16204 | 3.0 | --- | 2.7 | ---- | 3.0 | --- | 3.0 | ---- |
| DKC 3872 | 4.0 | --------- | 3.7 | --------- | 4.3 | --------- | 3.7 | ------ |
| Farmirage | 3.7 | ------- | 3.0 | ----- | 3.0 | --- | 3.0 | ---- |
| SM F0140 | 3.3 | ----- | 2.3 | -- | 2.7 | -- | 3.0 | ---- |
| P8333 | 3.7 | ------- | 3.7 | --------- | 3.7 | ------ | 4.3 | --------- |
| SY Pandoras | 3.7 | ------- | 2.7 | ---- | 2.3 | - | 3.3 | ----- |
| Janero | 3.7 | ------- | 3.0 | ----- | 3.3 | ----- | 2.0 | - |
| KXB6141 | 3.3 | ----- | 2.0 | - | 2.7 | -- | 3.0 | ---- |
| KXB6142 | 3.7 | ------- | 2.7 | ---- | 2.7 | -- | 3.0 | ---- |
| KXB6320 | 3.7 | ------- | 2.7 | ---- | 3.0 | --- | 4.3 | --------- |
| DFI45214 | 3.3 | ----- | 3.0 | ----- | 3.0 | --- | 3.3 | ----- |
| Cranberri CS | 4.0 | --------- | 3.0 | ----- | 3.3 | ----- | 3.0 | ---- |
| Benedictio KWS | 3.3 | ----- | 3.3 | ------- | 3.3 | ----- | 3.7 | ------ |
| LG 30.215 | 2.7 | - | 2.3 | -- | 3.3 | ----- | 3.7 | ------ |
| Xxilo | 3.3 | ----- | 3.0 | ----- | 3.0 | --- | 3.7 | ------ |
| | | | | | | | | |
| -Bezugsgrösse(n) | 3.3 | ----- | 3.2 | ------ | 3.2 | ---- | 3.7 | ------ |
| Versuchs-Mittel | 3.5 | ----- | 2.8 | ----- | 3.1 | ---- | 3.5 | ------ |
| | | | | | | | | |
| VK [%] | 15.6 | | 25.5 | | 16.9 | | 19.5 | |
| KGD (5%) | ns | | ns | | 0.9 | | 1.1 | |
| KGD (1%) | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 0.5 | | 0.7 | | 0.5 | | 0.7 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Période semis – floraison femelle [jours] / Zeit Saat – weibl. Blüte [Tage]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 88.6 | ------ | 55.7 | ----- | 64.0 | -------- | 69.0 | ----- | 190.7 | ---- | 63.7 | ------- |
| SY Talisman | 87.6 | ---- | 55.0 | ---- | 62.0 | ---- | 67.0 | -- | 190.7 | ---- | 63.3 | ------ |
| Gottardo KWS | 86.9 | -- | 53.0 | - | 62.0 | ---- | 67.3 | --- | 190.3 | --- | 61.7 | --- |
| SY Telias | 88.4 | ----- | 56.0 | ----- | 64.3 | --------- | 67.7 | --- | 191.0 | ----- | 63.0 | ------ |
| DKC 3440 | 87.6 | ---- | 56.0 | ----- | 62.0 | ---- | 67.0 | -- | 190.7 | ---- | 62.3 | ----- |
| LG 30.248 | 85.9 | - | 53.3 | - | 60.7 | -- | 65.7 | - | 190.0 | -- | 60.0 | - |
| LG 31.235 | 86.5 | -- | 54.0 | -- | 60.0 | - | 67.3 | --- | 190.0 | -- | 61.0 | -- |
| LG 31.259 | 87.4 | --- | 56.0 | ----- | 61.0 | -- | 67.0 | -- | 190.7 | ---- | 62.3 | ----- |
| LG 31.237 | 87.0 | --- | 54.7 | --- | 60.7 | -- | 68.7 | ---- | 190.0 | -- | 61.0 | -- |
| Severeen | 87.5 | ---- | 54.7 | --- | 62.7 | ------ | 68.7 | ---- | 191.0 | ----- | 60.7 | -- |
| Aga Einstein | 89.0 | ------ | 56.3 | ------ | 63.3 | ------- | 70.3 | ------ | 191.0 | ----- | 64.0 | ------- |
| ES Crossman | 88.0 | ----- | 56.3 | ------ | 63.0 | ------ | 67.0 | -- | 191.0 | ----- | 62.7 | ----- |
| Amaroc | 89.7 | -------- | 56.3 | ------ | 64.0 | -------- | 72.3 | --------- | 192.0 | -------- | 64.0 | ------- |
| RGT Mexxner | 88.2 | ----- | 55.3 | ---- | 64.0 | -------- | 69.0 | ----- | 190.3 | --- | 62.3 | ----- |
| RGT Bixx | 88.6 | ------ | 55.7 | ----- | 63.7 | ------- | 68.3 | ---- | 191.3 | ------ | 64.0 | ------- |
| CSM 16204 | 89.8 | -------- | 57.3 | -------- | 64.3 | --------- | 72.0 | -------- | 191.3 | ------ | 64.0 | ------- |
| DKC 3872 | 89.7 | -------- | 56.7 | ------ | 64.3 | --------- | 70.7 | ------- | 192.3 | --------- | 64.3 | -------- |
| Farmirage | 89.2 | ------- | 57.3 | -------- | 64.0 | -------- | 69.7 | ----- | 191.0 | ----- | 64.0 | ------- |
| SM F0140 | 86.9 | -- | 55.7 | ----- | 61.0 | -- | 66.0 | - | 190.7 | ---- | 61.0 | -- |
| P8333 | 90.1 | --------- | 58.0 | --------- | 64.3 | --------- | 71.7 | -------- | 192.0 | -------- | 64.7 | --------- |
| SY Pandoras | 88.7 | ------ | 55.7 | ----- | 63.7 | ------- | 68.3 | ---- | 191.3 | ------ | 64.3 | -------- |
| Janero | 87.7 | ---- | 55.7 | ----- | 62.3 | ----- | 67.3 | --- | 191.0 | ----- | 62.3 | ----- |
| KXB6141 | 88.5 | ------ | 56.3 | ------ | 63.0 | ------ | 69.0 | ----- | 191.7 | ------- | 62.7 | ----- |
| KXB6142 | 89.5 | ------- | 56.7 | ------ | 64.3 | ---------- | 71.0 | ------- | 192.0 | --------- | 63.7 | ------- |
| KXB6320 | 88.2 | ----- | 55.3 | ---- | 63.0 | ------ | 68.0 | --- | 191.0 | ----- | 63.7 | ------- |
| DFI45214 | 87.7 | ---- | 55.7 | ----- | 61.3 | --- | 68.0 | --- | 191.3 | ------ | 62.3 | ----- |
| Cranberri CS | 86.6 | -- | 55.7 | ----- | 60.3 | - | 67.0 | -- | 189.7 | - | 60.3 | - |
| Benedictio KWS | 88.1 | ----- | 56.0 | ----- | 63.0 | ------ | 69.0 | ----- | 190.7 | ---- | 62.0 | ---- |
| LG 30.215 | 87.1 | --- | 55.7 | ----- | 60.3 | - | 66.3 | - | 190.7 | ---- | 62.3 | ----- |
| Xxilo | 88.4 | ----- | 56.0 | ----- | 63.3 | ------- | 68.7 | ---- | 191.0 | ----- | 63.0 | ------ |
| -Bezugs-grösse(n) | 86.8 | -- | 54.7 | --- | 61.3 | --- | 66.3 | - | 190.3 | --- | 61.2 | --- |
| Versuchs-Mittel | 88.1 | ----- | 55.7 | ----- | 62.7 | ------ | 68.5 | ---- | 190.9 | ---- | 62.7 | ----- |
| VK [%] | 1.0 | | 1.7 | | 1.3 | | 1.5 | | 0.3 | | 1.7 | |
| KGD (5%) | 0.6 | | 1.6 | | 1.3 | | 1.7 | | 0.9 | | 1.8 | |
| KGD (1%) | 0.9 | | 2.1 | | 1.8 | | 2.2 | | 1.2 | | 2.4 | |
| Versuchs-Streuung | 0.9 | | 0.9 | | 0.8 | | 1.0 | | 0.5 | | 1.1 | |
| FG Fehlerterm | 290.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 15.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 509.3 | 29 | 21.56 | *** | 1.51 | 0.0000 |
| Anbauorte | 1197118.8 | 4 | 367412.98 | *** | 2.40 | 0.0000 |
| WW Verf.*Anb.Orte | 218.8 | 116 | 2.32 | *** | 1.28 | 0.0002 |
| Fehler | 236.2 | 290 | | | | |
| Insgesamt | 1198083.1 | 439 | | | | |

## Période semis – floraison mâle [jours] / Zeit Saat – männl. Blüte [Tage]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 87.7 | ----- | 54.7 | ------ | 61.3 | ----- | 67.7 | ----- | 190.7 | --- | 64.0 | ------ |
| SY Talisman | 86.7 | --- | 53.0 | ---- | 60.0 | ---- | 66.7 | --- | 190.3 | -- | 63.7 | ------ |
| Gottardo KWS | 85.8 | -- | 50.7 | - | 59.7 | --- | 66.7 | --- | 190.0 | - | 62.0 | --- |
| SY Telias | 86.8 | ---- | 52.0 | --- | 60.7 | ----- | 67.7 | ----- | 190.7 | --- | 63.0 | ----- |
| DKC 3440 | 86.6 | --- | 53.7 | ----- | 59.3 | --- | 67.0 | ---- | 191.0 | ---- | 62.0 | --- |
| LG 30.248 | 85.1 | - | 51.0 | - | 58.7 | -- | 65.0 | - | 190.3 | -- | 60.3 | - |
| LG 31.235 | 85.3 | - | 50.3 | - | 57.7 | - | 66.7 | --- | 190.3 | -- | 61.7 | --- |
| LG 31.259 | 86.7 | --- | 53.7 | ----- | 60.0 | ---- | 67.0 | ---- | 190.0 | - | 63.0 | ----- |
| LG 31.237 | 86.2 | --- | 52.3 | --- | 59.3 | --- | 67.7 | ----- | 190.3 | -- | 61.3 | -- |
| Severeen | 87.4 | ----- | 54.0 | ----- | 62.0 | ------ | 69.0 | ------- | 190.7 | --- | 61.3 | -- |
| Aga Einstein | 87.0 | ---- | 53.7 | ----- | 59.7 | --- | 67.3 | ---- | 190.7 | --- | 63.7 | ------ |
| ES Crossman | 86.9 | ---- | 54.3 | ------ | 60.0 | ---- | 66.7 | --- | 190.3 | -- | 63.3 | ----- |
| Amaroc | 88.3 | ------ | 55.0 | ------ | 60.7 | ----- | 70.0 | -------- | 191.7 | ------ | 64.0 | ------ |
| RGT Mexxner | 87.0 | ---- | 54.0 | ----- | 60.7 | ----- | 67.7 | ----- | 190.3 | -- | 62.3 | ---- |
| RGT Bixx | 87.2 | ---- | 54.3 | ------ | 60.0 | ---- | 67.0 | ---- | 190.7 | --- | 64.0 | ------ |
| CSM 16204 | 88.8 | ------- | 54.7 | ------ | 62.3 | ------- | 70.3 | --------- | 191.7 | ------ | 65.0 | -------- |
| DKC 3872 | 87.9 | ----- | 54.7 | ------ | 60.7 | ----- | 68.0 | ----- | 191.3 | ----- | 65.0 | -------- |
| Farmirage | 87.1 | ---- | 54.0 | ----- | 60.0 | ---- | 67.0 | ---- | 191.0 | ---- | 63.7 | ------ |
| SM F0140 | 85.9 | -- | 52.7 | ---- | 59.7 | --- | 65.3 | - | 190.7 | --- | 61.3 | -- |
| P8333 | 89.8 | --------- | 56.7 | --------- | 63.7 | --------- | 70.3 | --------- | 192.7 | --------- | 65.7 | --------- |
| SY Pandoras | 87.3 | ---- | 53.3 | ---- | 61.7 | ------ | 67.0 | ---- | 190.7 | --- | 64.0 | ------ |
| Janero | 86.2 | --- | 52.3 | --- | 59.3 | --- | 66.7 | --- | 190.3 | -- | 62.3 | ---- |
| KXB6141 | 88.3 | ------ | 55.3 | ------- | 61.7 | ------ | 69.3 | ------- | 192.0 | ------- | 63.0 | ----- |
| KXB6142 | 88.0 | ------ | 55.0 | ------ | 61.0 | ----- | 68.3 | ------ | 191.7 | ------ | 64.0 | ------ |
| KXB6320 | 87.1 | ---- | 53.3 | ---- | 60.3 | ---- | 67.3 | ---- | 191.0 | ---- | 63.7 | ------ |
| DFI45214 | 85.9 | -- | 51.0 | - | 58.3 | - | 67.0 | ---- | 190.7 | --- | 62.7 | ---- |
| Cranberri CS | 85.7 | -- | 52.3 | --- | 58.7 | -- | 67.0 | ---- | 190.0 | - | 60.3 | - |
| Benedictio KWS | 87.4 | ----- | 53.7 | ----- | 60.3 | ---- | 69.0 | ------- | 191.3 | ----- | 62.7 | ---- |
| LG 30.215 | 85.7 | -- | 52.3 | --- | 57.7 | - | 66.3 | --- | 190.0 | - | 62.0 | --- |
| Xxilo | 86.6 | --- | 53.0 | ---- | 59.7 | --- | 67.0 | ---- | 190.0 | - | 63.3 | ----- |
| | | | | | | | | | | | | |
| -Bezugs-grösse(n) | 85.8 | -- | 52.3 | --- | 59.0 | -- | 66.0 | -- | 190.7 | --- | 61.2 | -- |
| Versuchs-Mittel | 87.0 | ---- | 53.4 | ---- | 60.2 | ---- | 67.5 | ---- | 190.8 | --- | 62.9 | ----- |
| | | | | | | | | | | | | |
| VK [%] | 1.1 | | 2.2 | | 1.4 | | 1.2 | | 0.3 | | 1.7 | |
| KGD (5%) | 0.7 | | 1.9 | | 1.4 | | 1.3 | | 1.0 | | 1.7 | |
| KGD (1%) | 0.9 | | 2.5 | | 1.9 | | 1.7 | | 1.3 | | 2.3 | |
| Versuchs-Streuung | 0.9 | | 1.1 | | 0.9 | | 0.8 | | 0.6 | | 1.1 | |
| FG Fehlerterm | 290.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 15.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 489.2 | 29 | 20.03 | *** | 1.51 | 0.0000 |
| Anbauorte | 1221964.9 | 4 | 362786.47 | *** | 2.40 | 0.0000 |
| WW Verf.*Anb.Orte | 191.5 | 116 | 1.96 | *** | 1.28 | 0.0005 |
| Fehler | 244.2 | 290 | | | | |
| Insgesamt | 1222889.8 | 439 | | | | |

## Hauteur [cm] / Pflanzenhöhe [cm]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 5643 Alikon AG | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 269.7 | ---- | 260.0 | ---- | 276.7 | ------ | 275.0 | ---- | 273.3 | --- |
| SY Talisman | 274.2 | ----- | 266.7 | ----- | 288.3 | --------- | 271.7 | ---- | 296.7 | ------- |
| Gottardo KWS | 267.8 | --- | 268.3 | ----- | 281.7 | ------- | 273.3 | ---- | 280.0 | ---- |
| SY Telias | 261.1 | - | 275.0 | ------ | 273.3 | ----- | 271.7 | ---- | 270.0 | --- |
| DKC 3440 | 261.9 | -- | 286.7 | -------- | 265.0 | ---- | 253.3 | - | 260.0 | -- |
| LG 30.248 | 265.3 | -- | 261.7 | ---- | 266.7 | ---- | 270.0 | ---- | 286.7 | ----- |
| LG 31.235 | 258.6 | - | 241.7 | - | 283.3 | -------- | 266.7 | --- | 266.7 | -- |
| LG 31.259 | 286.9 | --------- | 280.0 | ------- | 263.3 | --- | 301.7 | --------- | 310.0 | --------- |
| LG 31.237 | 275.3 | ----- | 261.7 | ---- | 270.0 | ----- | 280.0 | ----- | 293.3 | ------ |
| Severeen | 275.6 | ----- | 258.3 | --- | 276.7 | ------ | 283.3 | ------ | 293.3 | ------ |
| Aga Einstein | 274.4 | ----- | 280.0 | ------- | 271.7 | ----- | 270.0 | ---- | 290.0 | ------ |
| ES Crossman | 278.3 | ------ | 256.7 | --- | 278.3 | ------- | 285.0 | ------ | 293.3 | ------ |
| Amaroc | 278.6 | ------ | 261.7 | ---- | 266.7 | ---- | 298.3 | -------- | 293.3 | ------ |
| RGT Mexxner | 275.8 | ----- | 273.3 | ------ | 266.7 | ---- | 281.7 | ----- | 283.3 | ----- |
| RGT Bixx | 278.3 | ------ | 265.0 | ----- | 280.0 | ------- | 288.3 | ------ | 276.7 | ---- |
| CSM 16204 | 278.3 | ------ | 273.3 | ------ | 281.7 | ------- | 283.3 | ------ | 280.0 | ---- |
| DKC 3872 | 275.3 | ----- | 263.3 | ---- | 276.7 | ------ | 276.7 | ----- | 286.7 | ----- |
| Farmirage | 274.4 | ----- | 266.7 | ----- | 280.0 | ------- | 286.7 | ------ | 273.3 | --- |
| SM F0140 | 261.1 | - | 271.7 | ------ | 268.3 | ---- | 278.3 | ----- | 253.3 | - |
| P8333 | 273.6 | ----- | 276.7 | ------- | 268.3 | ---- | 270.0 | ---- | 300.0 | ------- |
| SY Pandoras | 272.5 | ----- | 273.3 | ------ | 260.0 | --- | 280.0 | ----- | 295.0 | ------ |
| Janero | 261.9 | -- | 266.7 | ----- | 280.0 | ------- | 251.7 | - | 276.7 | ---- |
| KXB6141 | 275.8 | ----- | 266.7 | ----- | 285.0 | -------- | 285.0 | ------ | 286.7 | ----- |
| KXB6142 | 280.8 | ------- | 271.7 | ------ | 281.7 | ------- | 298.3 | -------- | 293.3 | ------ |
| KXB6320 | 278.3 | ------ | 275.0 | ------ | 273.3 | ----- | 290.0 | ------- | 275.0 | ---- |
| DFI45214 | 277.2 | ------ | 260.0 | ---- | 276.7 | ------ | 290.0 | ------- | 298.3 | ------- |
| Cranberri CS | 269.2 | ---- | 288.3 | --------- | 283.3 | -------- | 270.0 | ---- | 273.3 | --- |
| Benedictio KWS | 260.0 | - | 255.0 | --- | 250.0 | - | 275.0 | ---- | 273.3 | --- |
| LG 30.215 | 267.5 | --- | 281.7 | ------- | 270.0 | ----- | 273.3 | ---- | 270.0 | --- |
| Xxilo | 275.8 | ----- | 270.0 | ----- | 270.0 | ----- | 283.3 | ------ | 293.3 | ------ |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 263.6 | -- | 274.2 | ------ | 265.8 | ---- | 261.7 | -- | 273.3 | --- |
| Versuchs-Mittel | 272.1 | ---- | 268.6 | ----- | 273.8 | ------ | 278.7 | ----- | 283.2 | ----- |
| | | | | | | | | | | |
| VK [%] | 5.1 | | 5.3 | | 6.2 | | 2.7 | | 6.6 | |
| KGD (5%) | 9.1 | | ns | | ns | | 12.4 | | ns | |
| KGD (1%) | 12.0 | | ns | | ns | | 16.6 | | ns | |
| Versuchs-Streuung | 13.9 | | 14.3 | | 17.1 | | 7.6 | | 18.8 | |
| FG Fehlerterm | 348.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 18.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 26803.7 | 29 | 4.81 | *** | 1.50 | 0.0000 |
| Anbauorte | 51633.7 | 5 | 53.70 | *** | 2.24 | 0.0000 |
| WW Verf.*Anb.Orte | 43880.2 | 145 | 1.57 | ns | 1.25 | |
| Fehler | 66924.4 | 348 | | | | |
| Insgesamt | 189242.0 | 527 | | | | |

## Hauteur [cm] / Pflanzenhöhe [cm]

| Verfahren | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|
| ES Albatros | 261.7 | ------- | 271.7 | ---- |
| SY Talisman | 248.3 | ----- | 273.3 | ----- |
| Gottardo KWS | 236.7 | --- | 266.7 | --- |
| SY Telias | 220.0 | - | 256.7 | -- |
| DKC 3440 | 238.3 | ---- | 268.3 | ---- |
| LG 30.248 | 250.0 | ----- | 256.7 | -- |
| LG 31.235 | 243.3 | ---- | 250.0 | - |
| LG 31.259 | 270.0 | --------- | 296.7 | --------- |
| LG 31.237 | 265.0 | -------- | 281.7 | ------ |
| Severeen | 260.0 | ------- | 281.7 | ------ |
| Aga Einstein | 255.0 | ------ | 280.0 | ------ |
| ES Crossman | 260.0 | ------- | 296.7 | --------- |
| Amaroc | 265.0 | -------- | 286.7 | ------- |
| RGT Mexxner | 263.3 | -------- | 286.7 | ------- |
| RGT Bixx | 263.3 | -------- | 296.7 | --------- |
| CSM 16204 | 261.7 | ------- | 290.0 | ------- |
| DKC 3872 | 255.0 | ------ | 293.3 | -------- |
| Farmirage | 243.3 | ---- | 296.7 | --------- |
| SM F0140 | 241.7 | ---- | 253.3 | - |
| P8333 | 256.7 | ------ | 270.0 | ---- |
| SY Pandoras | 255.0 | ------ | 271.7 | ---- |
| Janero | 238.3 | ---- | 258.3 | -- |
| KXB6141 | 258.3 | ------- | 273.3 | ----- |
| KXB6142 | 253.3 | ------ | 286.7 | ------- |
| KXB6320 | 266.7 | -------- | 290.0 | ------- |
| DFI45214 | 265.0 | -------- | 273.3 | ----- |
| Cranberri CS | 236.7 | --- | 263.3 | --- |
| Benedictio KWS | 240.0 | ---- | 266.7 | --- |
| LG 30.215 | 250.0 | ----- | 260.0 | -- |
| Xxilo | 258.3 | ------- | 280.0 | ------ |
| | | | | |
| -Bezugsgrösse(n) | 244.2 | ---- | 262.5 | --- |
| Versuchs-Mittel | 252.7 | ------ | 275.9 | ----- |
| | | | | |
| VK [%] | 2.9 | | 5.0 | |
| KGD (5%) | 12.2 | | 22.6 | |
| KGD (1%) | 16.2 | | 30.1 | |
| Versuchs-Streuung | 7.4 | | 13.8 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Hauteur de l'épi [cm] / Ansatzhöhe des obersten Kolbens [cm]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 5643 Alikon AG | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 127.5 | ------- | 140.0 | ------- | 106.7 | --- | 130.0 | ------ | 136.7 | ----- |
| SY Talisman | 130.8 | -------- | 126.7 | ------ | 151.7 | --------- | 120.0 | ---- | 141.7 | ------ |
| Gottardo KWS | 114.2 | --- | 90.0 | -- | 128.3 | ------ | 120.0 | ---- | 130.0 | --- |
| SY Telias | 117.5 | ---- | 101.7 | --- | 131.7 | ------ | 111.7 | -- | 133.3 | ---- |
| DKC 3440 | 107.2 | -- | 105.0 | --- | 98.3 | -- | 105.0 | - | 121.7 | - |
| LG 30.248 | 111.4 | --- | 95.0 | -- | 101.7 | --- | 113.3 | -- | 128.3 | -- |
| LG 31.235 | 102.8 | - | 78.3 | - | 98.3 | -- | 113.3 | -- | 121.7 | - |
| LG 31.259 | 131.1 | -------- | 145.0 | ------- | 101.7 | --- | 143.3 | --------- | 143.3 | ------- |
| LG 31.237 | 120.0 | ----- | 128.3 | ------ | 100.0 | -- | 116.7 | --- | 138.3 | ----- |
| Severeen | 126.4 | ------ | 130.0 | ------ | 116.7 | ---- | 128.3 | ----- | 140.0 | ------ |
| Aga Einstein | 125.6 | ------ | 128.3 | ------ | 110.0 | ---- | 123.3 | ---- | 141.7 | ------ |
| ES Crossman | 126.4 | ------ | 138.3 | ------- | 116.7 | ---- | 116.7 | --- | 135.0 | ---- |
| Amaroc | 131.7 | -------- | 151.7 | -------- | 106.7 | --- | 138.3 | -------- | 140.0 | ------ |
| RGT Mexxner | 117.2 | ---- | 111.7 | ---- | 101.7 | --- | 121.7 | ---- | 133.3 | ---- |
| RGT Bixx | 131.7 | -------- | 126.7 | ------ | 131.7 | ------ | 143.3 | --------- | 133.3 | ---- |
| CSM 16204 | 135.0 | --------- | 156.7 | --------- | 113.3 | ---- | 131.7 | ------ | 140.0 | ------ |
| DKC 3872 | 126.7 | ------- | 126.7 | ------ | 136.7 | ------- | 118.3 | --- | 133.3 | ---- |
| Farmirage | 125.6 | ------ | 110.0 | ---- | 141.7 | ------- | 130.0 | ------ | 133.3 | ---- |
| SM F0140 | 113.6 | --- | 98.3 | --- | 126.7 | ------ | 110.0 | -- | 130.0 | --- |
| P8333 | 124.2 | ------ | 125.0 | ----- | 85.0 | - | 130.0 | ------ | 150.0 | --------- |
| SY Pandoras | 123.1 | ------ | 130.0 | ------ | 105.0 | --- | 121.7 | ---- | 140.0 | ------ |
| Janero | 123.3 | ------ | 118.3 | ----- | 131.7 | ------ | 118.3 | --- | 133.3 | ---- |
| KXB6141 | 127.5 | ------- | 130.0 | ------ | 138.3 | ------- | 131.7 | ------ | 136.7 | ----- |
| KXB6142 | 133.9 | -------- | 150.0 | -------- | 108.3 | --- | 143.3 | --------- | 145.0 | ------- |
| KXB6320 | 129.4 | ------- | 140.0 | ------- | 105.0 | --- | 138.3 | -------- | 130.0 | --- |
| DFI45214 | 114.7 | ---- | 91.7 | -- | 120.0 | ----- | 118.3 | --- | 133.3 | ---- |
| Cranberri CS | 110.8 | --- | 83.3 | - | 118.3 | ----- | 108.3 | - | 125.0 | -- |
| Benedictio KWS | 119.2 | ----- | 126.7 | ------ | 91.7 | - | 131.7 | ------ | 138.3 | ----- |
| LG 30.215 | 118.9 | ----- | 121.7 | ----- | 108.3 | --- | 113.3 | -- | 130.0 | --- |
| Xxilo | 124.7 | ------ | 126.7 | ------ | 93.3 | -- | 136.7 | ------- | 138.3 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 109.3 | -- | 100.0 | --- | 100.0 | -- | 109.2 | - | 125.0 | -- |
| Versuchs-Mittel | 122.4 | ----- | 121.1 | ----- | 114.2 | ---- | 124.2 | ----- | 135.2 | ---- |
| | | | | | | | | | | |
| VK [%] | 9.1 | | 9.4 | | 18.2 | | 6.1 | | 5.2 | |
| KGD (5%) | 7.3 | | 18.7 | | 33.9 | | 12.3 | | 11.5 | |
| KGD (1%) | 9.7 | | 24.9 | | ns | | 16.4 | | 15.3 | |
| Versuchs-Streuung | 11.2 | | 11.4 | | 20.8 | | 7.5 | | 7.0 | |
| FG Fehlerterm | 348.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 18.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 35004.1 | 29 | 9.63 | *** | 1.50 | 0.0000 |
| Anbauorte | 32046.3 | 5 | 51.11 | *** | 2.24 | 0.0000 |
| WW Verf.*Anb.Orte | 52035.6 | 145 | 2.86 | *** | 1.25 | 0.0001 |
| Fehler | 43641.1 | 348 | | | | |
| Insgesamt | 162727.2 | 527 | | | | |

## Hauteur de l'épi [cm] / Ansatzhöhe des obersten Kolbens [cm]

| Verfahren | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|
| ES Albatros | 120.0 | ------- | 131.7 | ------ |
| SY Talisman | 116.7 | ------ | 128.3 | ----- |
| Gottardo KWS | 100.0 | - | 116.7 | --- |
| SY Telias | 110.0 | ---- | 116.7 | --- |
| DKC 3440 | 100.0 | - | 113.3 | -- |
| LG 30.248 | 110.0 | ---- | 120.0 | ---- |
| LG 31.235 | 100.0 | - | 105.0 | - |
| LG 31.259 | 116.7 | ------ | 136.7 | ------- |
| LG 31.237 | 116.7 | ------ | 120.0 | ---- |
| Severeen | 113.3 | ----- | 130.0 | ------ |
| Aga Einstein | 113.3 | ----- | 136.7 | ------- |
| ES Crossman | 121.7 | -------- | 130.0 | ------ |
| Amaroc | 116.7 | ------ | 136.7 | ------- |
| RGT Mexxner | 108.3 | --- | 126.7 | ----- |
| RGT Bixx | 118.3 | ------- | 136.7 | ------- |
| CSM 16204 | 123.3 | --------- | 145.0 | --------- |
| DKC 3872 | 111.7 | ----- | 133.3 | ------ |
| Farmirage | 111.7 | ----- | 126.7 | ----- |
| SM F0140 | 103.3 | -- | 113.3 | -- |
| P8333 | 118.3 | ------- | 136.7 | ------- |
| SY Pandoras | 111.7 | ----- | 130.0 | ------ |
| Janero | 111.7 | ----- | 126.7 | ----- |
| KXB6141 | 106.7 | --- | 121.7 | ---- |
| KXB6142 | 116.7 | ------ | 140.0 | -------- |
| KXB6320 | 123.3 | --------- | 140.0 | -------- |
| DFI45214 | 108.3 | --- | 116.7 | --- |
| Cranberri CS | 106.7 | --- | 123.3 | ---- |
| Benedictio KWS | 105.0 | -- | 121.7 | ---- |
| LG 30.215 | 120.0 | ------- | 120.0 | ---- |
| Xxilo | 116.7 | ------ | 136.7 | ------- |
| | | | | |
| -Bezugsgrösse(n) | 105.0 | -- | 116.7 | --- |
| Versuchs-Mittel | 112.6 | ----- | 127.2 | ----- |
| | | | | |
| VK [%] | 4.9 | | 5.8 | |
| KGD (5%) | 8.9 | | 12.0 | |
| KGD (1%) | 11.9 | | 16.0 | |
| Versuchs-Streuung | 5.5 | | 7.4 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Hauteur relative de l'épi [%] / Relative Kolbenansatzhöhe [%]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 5643 Alikon AG | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 47.3 | -------- | 53.9 | ------- | 38.5 | --- | 47.2 | ------- | 50.0 | ----- |
| SY Talisman | 47.7 | -------- | 47.6 | ------ | 52.7 | --------- | 44.2 | ---- | 47.8 | --- |
| Gottardo KWS | 42.6 | --- | 33.5 | -- | 45.7 | ------ | 43.8 | ---- | 46.4 | -- |
| SY Telias | 45.2 | ------ | 36.9 | --- | 48.2 | ------- | 41.1 | -- | 49.4 | ---- |
| DKC 3440 | 41.0 | -- | 36.7 | --- | 36.8 | --- | 41.4 | -- | 46.8 | -- |
| LG 30.248 | 42.0 | --- | 36.4 | --- | 37.9 | --- | 42.0 | -- | 44.8 | - |
| LG 31.235 | 39.7 | - | 32.2 | - | 34.6 | -- | 42.5 | --- | 45.6 | - |
| LG 31.259 | 45.6 | ------ | 51.9 | ------- | 38.5 | --- | 47.5 | ------- | 46.2 | -- |
| LG 31.237 | 43.6 | ---- | 49.1 | ------ | 36.9 | --- | 41.7 | -- | 47.2 | --- |
| Severeen | 45.8 | ------ | 50.4 | ------- | 41.8 | ---- | 45.3 | ----- | 47.7 | --- |
| Aga Einstein | 45.7 | ------ | 45.7 | ----- | 40.4 | ---- | 45.7 | ----- | 48.9 | ---- |
| ES Crossman | 45.6 | ------ | 53.9 | ------- | 41.9 | ---- | 40.9 | -- | 46.1 | -- |
| Amaroc | 47.3 | -------- | 58.0 | --------- | 40.2 | ---- | 46.4 | ------ | 47.7 | --- |
| RGT Mexxner | 42.4 | --- | 40.8 | ---- | 37.9 | --- | 43.2 | --- | 47.1 | -- |
| RGT Bixx | 47.2 | ------- | 47.7 | ------ | 46.5 | ------ | 49.7 | --------- | 48.3 | --- |
| CSM 16204 | 48.6 | --------- | 57.5 | -------- | 40.2 | ---- | 46.5 | ------ | 50.0 | ----- |
| DKC 3872 | 46.0 | ------ | 48.2 | ------ | 49.5 | ------- | 42.8 | --- | 46.6 | -- |
| Farmirage | 45.8 | ------ | 41.4 | ---- | 50.7 | -------- | 45.4 | ----- | 48.8 | ---- |
| SM F0140 | 44.2 | ----- | 36.2 | --- | 47.2 | ------- | 39.6 | - | 54.8 | --------- |
| P8333 | 45.4 | ------ | 45.5 | ----- | 31.8 | - | 48.1 | ------- | 50.0 | ----- |
| SY Pandoras | 45.0 | ----- | 47.7 | ------ | 39.7 | ---- | 43.5 | ---- | 47.5 | --- |
| Janero | 47.1 | ------- | 44.4 | ----- | 47.0 | ------ | 47.1 | ------ | 48.2 | --- |
| KXB6141 | 46.3 | ------- | 49.0 | ------ | 48.8 | ------- | 46.2 | ------ | 47.7 | --- |
| KXB6142 | 47.7 | -------- | 55.3 | -------- | 38.3 | --- | 48.1 | ------- | 49.5 | ---- |
| KXB6320 | 46.5 | ------- | 50.8 | ------- | 38.5 | --- | 47.7 | ------- | 47.4 | --- |
| DFI45214 | 41.3 | -- | 35.5 | -- | 43.2 | ----- | 40.8 | -- | 44.7 | - |
| Cranberri CS | 41.4 | -- | 29.0 | - | 41.5 | ---- | 40.1 | - | 45.8 | - |
| Benedictio KWS | 45.8 | ------ | 49.9 | ------ | 36.9 | --- | 47.9 | ------- | 50.6 | ----- |
| LG 30.215 | 44.5 | ----- | 43.3 | ----- | 39.7 | ---- | 41.5 | -- | 48.1 | --- |
| Xxilo | 45.2 | ------ | 47.0 | ------ | 34.6 | -- | 48.2 | ------- | 47.3 | --- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 41.5 | -- | 36.5 | --- | 37.4 | --- | 41.7 | -- | 45.8 | - |
| Versuchs-Mittel | 45.0 | ----- | 45.2 | ----- | 41.5 | ---- | 44.5 | ----- | 47.9 | --- |
| | | | | | | | | | | |
| VK [%] | 9.2 | | 10.4 | | 16.1 | | 5.9 | | 8.4 | |
| KGD (5%) | 2.7 | | 7.6 | | 10.9 | | 4.3 | | ns | |
| KGD (1%) | 3.6 | | 10.2 | | ns | | 5.7 | | ns | |
| Versuchs-Streuung | 4.1 | | 4.7 | | 6.7 | | 2.6 | | 4.0 | |
| FG Fehlerterm | 348.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 18.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 2716.9 | 29 | 5.51 | *** | 1.50 | 0.0000 |
| Anbauorte | 1982.3 | 5 | 23.31 | *** | 2.24 | 0.0000 |
| WW Verf.*Anb.Orte | 7021.5 | 145 | 2.85 | *** | 1.25 | 0.0001 |
| Fehler | 5918.0 | 348 | | | | |
| Insgesamt | 17638.8 | 527 | | | | |

## Hauteur relative de l'épi [%] / Relative Kolbenansatzhöhe [%]

| Verfahren | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|
| ES Albatros | 45.9 | ----- | 48.5 | ------- |
| SY Talisman | 47.0 | ------ | 46.9 | ----- |
| Gottardo KWS | 42.2 | -- | 43.9 | -- |
| SY Telias | 50.1 | --------- | 45.4 | ---- |
| DKC 3440 | 42.0 | -- | 42.3 | - |
| LG 30.248 | 44.0 | --- | 46.8 | ----- |
| LG 31.235 | 41.1 | - | 42.0 | - |
| LG 31.259 | 43.2 | --- | 46.1 | ---- |
| LG 31.237 | 44.0 | --- | 42.6 | - |
| Severeen | 43.6 | --- | 46.3 | ----- |
| Aga Einstein | 44.5 | ---- | 48.8 | ------- |
| ES Crossman | 46.8 | ------ | 43.9 | -- |
| Amaroc | 44.0 | --- | 47.7 | ------ |
| RGT Mexxner | 41.1 | - | 44.2 | --- |
| RGT Bixx | 44.9 | ---- | 46.0 | ---- |
| CSM 16204 | 47.1 | ------ | 50.1 | -------- |
| DKC 3872 | 43.7 | --- | 45.5 | ---- |
| Farmirage | 46.0 | ----- | 42.7 | - |
| SM F0140 | 42.8 | -- | 44.8 | --- |
| P8333 | 46.1 | ----- | 50.7 | --------- |
| SY Pandoras | 43.8 | --- | 47.9 | ------ |
| Janero | 46.9 | ------ | 49.0 | ------- |
| KXB6141 | 41.3 | - | 44.6 | --- |
| KXB6142 | 46.0 | ----- | 48.8 | ------- |
| KXB6320 | 46.4 | ----- | 48.4 | ------ |
| DFI45214 | 40.9 | - | 42.8 | - |
| Cranberri CS | 45.1 | ---- | 46.9 | ----- |
| Benedictio KWS | 43.7 | --- | 45.6 | ---- |
| LG 30.215 | 48.1 | ------- | 46.3 | ----- |
| Xxilo | 45.1 | ---- | 48.9 | ------- |
| | | | | |
| -Bezugsgrösse(n) | 43.0 | -- | 44.6 | --- |
| Versuchs-Mittel | 44.6 | ---- | 46.1 | ---- |
| | | | | |
| VK [%] | 5.1 | | 5.8 | |
| KGD (5%) | 3.7 | | 4.3 | |
| KGD (1%) | 4.9 | | 5.8 | |
| Versuchs-Streuung | 2.3 | | 2.7 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Verse en végétation [%] / Wurzellagerung Vegetation [%]

| Verfahren | Seriemittel | | 5643 Alikon AG | | 8193 Eglisau ZH | |
|---|---|---|---|---|---|---|
| ES Albatros | 4.4 | -- | 1.1 | - | 7.7 | -- |
| SY Talisman | 10.4 | --- | 4.1 | ---- | 16.7 | --- |
| Gottardo KWS | 1.3 | - | 1.0 | - | 1.6 | - |
| SY Telias | 1.7 | - | 0.0 | - | 3.3 | - |
| DKC 3440 | 1.1 | - | 1.6 | -- | 0.6 | - |
| LG 30.248 | 11.9 | --- | 4.8 | ---- | 19.0 | --- |
| LG 31.235 | 2.3 | - | 0.0 | - | 4.6 | - |
| LG 31.259 | 8.1 | -- | 0.5 | - | 15.6 | --- |
| LG 31.237 | 12.1 | --- | 0.5 | - | 23.8 | ---- |
| Severeen | 2.3 | - | 0.0 | - | 4.5 | - |
| Aga Einstein | 11.8 | --- | 9.8 | -------- | 13.7 | -- |
| ES Crossman | 8.9 | --- | 3.9 | --- | 14.0 | --- |
| Amaroc | 4.0 | - | 2.0 | -- | 6.0 | - |
| RGT Mexxner | 4.1 | -- | 0.0 | - | 8.2 | -- |
| RGT Bixx | 6.1 | -- | 2.5 | -- | 9.6 | -- |
| CSM 16204 | 6.3 | -- | 5.1 | ---- | 7.5 | -- |
| DKC 3872 | 5.4 | -- | 7.5 | ------ | 3.3 | - |
| Farmirage | 4.1 | -- | 3.9 | ---- | 4.2 | - |
| SM F0140 | 0.8 | - | 1.1 | - | 0.6 | - |
| P8333 | 33.8 | --------- | 9.2 | ------- | 58.5 | --------- |
| SY Pandoras | 1.6 | - | 1.0 | - | 2.2 | - |
| Janero | 0.3 | - | 0.6 | - | 0.0 | - |
| KXB6141 | 9.4 | --- | 7.9 | ------ | 10.9 | -- |
| KXB6142 | 14.1 | ---- | 9.6 | -------- | 18.6 | --- |
| KXB6320 | 2.4 | - | 1.2 | - | 3.7 | - |
| DFI45214 | 0.6 | - | 0.0 | - | 1.2 | - |
| Cranberri CS | 9.4 | --- | 10.8 | --------- | 7.9 | -- |
| Benedictio KWS | 4.8 | -- | 5.4 | ----- | 4.1 | - |
| LG 30.215 | 7.3 | -- | 4.8 | ---- | 9.9 | -- |
| Xxilo | 2.8 | - | 1.6 | -- | 4.0 | - |
| | | | | | | |
| -Bezugsgrösse(n) | 6.5 | -- | 3.2 | --- | 9.8 | -- |
| Versuchs-Mittel | 6.5 | -- | 3.4 | --- | 9.5 | -- |
| | | | | | | |
| VK [%] | 88.3 | | 124.0 | | 72.2 | |
| KGD (5%) | 6.5 | | 6.9 | | 11.2 | |
| KGD (1%) | 8.6 | | ns | | 15.0 | |
| Versuchs-Streuung | 5.7 | | 4.2 | | 6.9 | |
| FG Fehlerterm | 116.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 6.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 7418.2 | 29 | 7.89 | *** | 1.57 | 0.0000 |
| Anbauorte | 1693.5 | 1 | 52.22 | *** | 3.92 | 0.0000 |
| WW Verf.*Anb.Orte | 4416.6 | 29 | 4.70 | *** | 1.57 | 0.0000 |
| Fehler | 3761.6 | 116 | | | | |
| Insgesamt | 17289.8 | 175 | | | | |

## Verse à la récolte [%] / Wurzellagerung Ernte [%]

| Verfahren | Seriemittel | | 5643 Alikon AG | | 8193 Eglisau ZH | |
|---|---|---|---|---|---|---|
| ES Albatros | 1.0 | - | 2.0 | - | 0.0 | - |
| SY Talisman | 5.2 | --- | 2.9 | -- | 7.4 | --- |
| Gottardo KWS | 0.5 | - | 1.0 | - | 0.0 | - |
| SY Telias | 0.8 | - | 0.5 | - | 1.1 | - |
| DKC 3440 | 0.5 | - | 0.5 | - | 0.6 | - |
| LG 30.248 | 3.9 | -- | 2.8 | -- | 5.0 | -- |
| LG 31.235 | 0.0 | - | 0.0 | - | 0.0 | - |
| LG 31.259 | 1.7 | - | 2.8 | -- | 0.6 | - |
| LG 31.237 | 3.2 | -- | 0.5 | - | 5.9 | --- |
| Severeen | 1.4 | - | 0.0 | - | 2.8 | -- |
| Aga Einstein | 0.9 | - | 1.7 | - | 0.0 | - |
| ES Crossman | 4.3 | --- | 2.0 | - | 6.6 | --- |
| Amaroc | 2.4 | -- | 2.6 | -- | 2.2 | - |
| RGT Mexxner | 1.7 | - | 0.0 | - | 3.3 | -- |
| RGT Bixx | 1.0 | - | 0.5 | - | 1.6 | - |
| CSM 16204 | 10.6 | ----- | 20.0 | -------- | 1.2 | - |
| DKC 3872 | 0.8 | - | 1.0 | - | 0.5 | - |
| Farmirage | 1.7 | - | 3.3 | -- | 0.0 | - |
| SM F0140 | 0.0 | - | 0.0 | - | 0.0 | - |
| P8333 | 17.6 | --------- | 13.4 | ------ | 21.9 | --------- |
| SY Pandoras | 0.5 | - | 1.0 | - | 0.0 | - |
| Janero | 0.0 | - | 0.0 | - | 0.0 | - |
| KXB6141 | 5.7 | --- | 9.7 | ---- | 1.6 | - |
| KXB6142 | 6.0 | --- | 9.4 | ---- | 2.5 | -- |
| KXB6320 | 0.0 | - | 0.0 | - | 0.0 | - |
| DFI45214 | 0.0 | - | 0.0 | - | 0.0 | - |
| Cranberri CS | 10.8 | ------ | 21.1 | --------- | 0.5 | - |
| Benedictio KWS | 0.3 | - | 0.5 | - | 0.0 | - |
| LG 30.215 | 0.0 | - | 0.0 | - | 0.0 | - |
| Xxilo | 0.0 | - | 0.0 | - | 0.0 | - |
| | | | | | | |
| -Bezugsgrösse(n) | 2.2 | -- | 1.6 | - | 2.8 | -- |
| Versuchs-Mittel | 2.7 | -- | 3.3 | -- | 2.2 | - |
| | | | | | | |
| VK [%] | 188.4 | | 185.7 | | 181.6 | |
| KGD (5%) | 5.9 | | 10.1 | | 6.5 | |
| KGD (1%) | 7.8 | | 13.4 | | 8.6 | |
| Versuchs-Streuung | 5.2 | | 6.2 | | 4.0 | |
| FG Fehlerterm | 116.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 6.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 2843.9 | 29 | 3.66 | *** | 1.57 | 0.0001 |
| Anbauorte | 58.0 | 1 | 2.16 | ns | 3.92 | 0.1443 |
| WW Verf.*Anb.Orte | 1574.1 | 29 | 2.02 | ** | 1.57 | 0.0045 |
| Fehler | 3111.6 | 116 | | | | |
| Insgesamt | 7587.6 | 175 | | | | |

## Plantes cassées pendant la végétation [note] / Stängelbruch während Vegetation [Note]

| Verfahren | Seriemittel | | 1567 Delley FR | |
|---|---|---|---|---|
| ES Albatros | 1.0 | - | 1.0 | - |
| SY Talisman | 1.0 | - | 1.0 | - |
| Gottardo KWS | 1.3 | --------- | 1.3 | --------- |
| SY Telias | 1.0 | - | 1.0 | - |
| DKC 3440 | 1.0 | - | 1.0 | - |
| LG 30.248 | 1.0 | - | 1.0 | - |
| LG 31.235 | 1.0 | - | 1.0 | - |
| LG 31.259 | 1.0 | - | 1.0 | - |
| LG 31.237 | 1.0 | - | 1.0 | - |
| Severeen | 1.0 | - | 1.0 | - |
| Aga Einstein | 1.0 | - | 1.0 | - |
| ES Crossman | 1.0 | - | 1.0 | - |
| Amaroc | 1.3 | --------- | 1.3 | --------- |
| RGT Mexxner | 1.3 | --------- | 1.3 | --------- |
| RGT Bixx | 1.0 | - | 1.0 | - |
| CSM 16204 | 1.0 | - | 1.0 | - |
| DKC 3872 | 1.0 | - | 1.0 | - |
| Farmirage | 1.0 | - | 1.0 | - |
| SM F0140 | 1.0 | - | 1.0 | - |
| P8333 | 1.0 | - | 1.0 | - |
| SY Pandoras | 1.0 | - | 1.0 | - |
| Janero | 1.0 | - | 1.0 | - |
| KXB6141 | 1.0 | - | 1.0 | - |
| KXB6142 | 1.3 | --------- | 1.3 | --------- |
| KXB6320 | 1.0 | - | 1.0 | - |
| DFI45214 | 1.0 | - | 1.0 | - |
| Cranberri CS | 1.3 | --------- | 1.3 | --------- |
| Benedictio KWS | 1.3 | --------- | 1.3 | --------- |
| LG 30.215 | 1.0 | - | 1.0 | - |
| Xxilo | 1.0 | - | 1.0 | - |
| | | | | |
| -Bezugsgrösse(n) | 1.0 | - | 1.0 | - |
| Versuchs-Mittel | 1.1 | -- | 1.1 | -- |
| | | | | |
| VK [%] | 24.0 | | 24.0 | |
| KGD (5%) | ns | | ns | |
| KGD (1%) | ns | | ns | |
| Versuchs-Streuung | 0.3 | | 0.3 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Charbon [%] / Beulenbrand [%]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | | 5643 Alikon AG | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 0.6 | - | 0.0 | - | 0.8 | - | 1.2 | - | 1.5 | - |
| SY Talisman | 5.3 | --- | 4.2 | -- | 5.5 | -- | 2.2 | - | 12.1 | ---- |
| Gottardo KWS | 8.0 | ---- | 4.9 | -- | 11.9 | ---- | 10.9 | ----- | 12.3 | ---- |
| SY Telias | 8.7 | ----- | 4.7 | -- | 13.0 | ---- | 6.2 | --- | 12.7 | ---- |
| DKC 3440 | 4.4 | --- | 4.7 | -- | 2.4 | - | 2.3 | - | 13.6 | ---- |
| LG 30.248 | 7.6 | ---- | 11.4 | ---- | 7.1 | -- | 5.7 | --- | 19.1 | ------ |
| LG 31.235 | 16.2 | --------- | 31.3 | --------- | 18.6 | ------ | 15.5 | -------- | 31.2 | --------- |
| LG 31.259 | 3.7 | -- | 3.8 | -- | 6.7 | -- | 3.3 | -- | 8.3 | --- |
| LG 31.237 | 11.6 | ------ | 3.9 | -- | 29.0 | --------- | 3.8 | -- | 19.1 | ----- |
| Severeen | 4.2 | -- | 0.7 | - | 6.0 | -- | 0.7 | - | 10.3 | --- |
| Aga Einstein | 5.9 | --- | 9.9 | --- | 6.5 | -- | 1.9 | - | 12.6 | ---- |
| ES Crossman | 1.9 | - | 0.4 | - | 3.3 | - | 2.1 | - | 1.6 | - |
| Amaroc | 9.1 | ----- | 6.2 | -- | 16.3 | ----- | 3.3 | -- | 12.9 | ---- |
| RGT Mexxner | 9.4 | ----- | 2.2 | - | 18.7 | ------ | 7.3 | ---- | 18.2 | ----- |
| RGT Bixx | 8.9 | ----- | 8.2 | --- | 9.9 | --- | 8.7 | ---- | 16.3 | ----- |
| CSM 16204 | 1.4 | - | 0.7 | - | 3.0 | - | 0.7 | - | 0.0 | - |
| DKC 3872 | 8.3 | ----- | 3.8 | -- | 16.7 | ----- | 9.8 | ----- | 11.9 | ---- |
| Farmirage | 1.8 | - | 0.8 | - | 2.9 | - | 1.1 | - | 4.3 | -- |
| SM F0140 | 4.8 | --- | 2.8 | - | 5.8 | -- | 1.9 | - | 4.5 | -- |
| P8333 | 8.9 | ----- | 2.8 | - | 18.0 | ----- | 7.6 | ---- | 21.7 | ------ |
| SY Pandoras | 4.8 | --- | 3.3 | - | 4.3 | -- | 2.2 | - | 12.8 | ---- |
| Janero | 8.2 | ----- | 4.7 | -- | 8.7 | --- | 2.0 | - | 22.2 | ------ |
| KXB6141 | 4.8 | --- | 1.2 | - | 8.1 | --- | 5.9 | --- | 2.3 | - |
| KXB6142 | 6.9 | ---- | 3.7 | -- | 13.8 | ---- | 4.2 | -- | 7.4 | -- |
| KXB6320 | 14.5 | -------- | 13.3 | ---- | 26.6 | -------- | 17.5 | --------- | 19.2 | ------ |
| DFI45214 | 9.6 | ----- | 10.2 | --- | 17.3 | ----- | 4.5 | -- | 18.9 | ----- |
| Cranberri CS | 2.1 | - | 5.9 | -- | 2.0 | - | 1.2 | - | 2.9 | - |
| Benedictio KWS | 1.3 | - | 1.4 | - | 3.6 | - | 1.8 | - | 1.1 | - |
| LG 30.215 | 4.1 | -- | 1.9 | - | 2.0 | - | 1.2 | - | 18.5 | ----- |
| Xxilo | 4.8 | --- | 7.2 | -- | 9.2 | --- | 3.2 | -- | 6.1 | -- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 6.0 | --- | 8.0 | --- | 4.7 | -- | 4.0 | -- | 16.4 | ----- |
| Versuchs-Mittel | 6.4 | ---- | 5.4 | -- | 9.9 | --- | 4.7 | -- | 11.9 | ---- |
| | | | | | | | | | | |
| VK [%] | 73.7 | | 90.1 | | 53.9 | | 60.4 | | 48.4 | |
| KGD (5%) | 2.9 | | 7.9 | | 8.7 | | 4.6 | | 9.4 | |
| KGD (1%) | 3.8 | | 10.5 | | 11.6 | | 6.1 | | 12.5 | |
| Versuchs-Streuung | 4.7 | | 4.8 | | 5.3 | | 2.8 | | 5.7 | |
| FG Fehlerterm | 406.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 8832.2 | 29 | 13.74 | *** | 1.50 | 0.0000 |
| Anbauorte | 6867.0 | 6 | 51.65 | *** | 2.12 | 0.0000 |
| WW Verf.*Anb.Orte | 9158.9 | 174 | 2.38 | *** | 1.23 | 0.0002 |
| Fehler | 8996.2 | 406 | | | | |
| Insgesamt | 33854.3 | 615 | | | | |

## Charbon [%] / Beulenbrand [%]

| Verfahren | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|
| ES Albatros | 0.0 | - | 0.0 | - | 1.0 | - |
| SY Talisman | 6.7 | ----- | 0.0 | - | 6.4 | --- |
| Gottardo KWS | 10.2 | ------- | 0.0 | - | 5.6 | --- |
| SY Telias | 13.0 | --------- | 6.0 | ------- | 5.3 | --- |
| DKC 3440 | 1.2 | - | 0.0 | - | 6.5 | --- |
| LG 30.248 | 1.8 | -- | 2.2 | --- | 6.3 | --- |
| LG 31.235 | 4.3 | --- | 2.3 | --- | 10.0 | ----- |
| LG 31.259 | 0.0 | - | 1.1 | -- | 3.0 | -- |
| LG 31.237 | 5.6 | ---- | 4.3 | ----- | 15.4 | -------- |
| Severeen | 0.5 | - | 3.4 | ---- | 7.4 | ---- |
| Aga Einstein | 4.9 | ---- | 0.6 | - | 4.8 | --- |
| ES Crossman | 2.2 | -- | 1.3 | -- | 2.2 | - |
| Amaroc | 13.1 | --------- | 2.2 | --- | 9.7 | ----- |
| RGT Mexxner | 7.7 | ----- | 0.5 | - | 11.2 | ------ |
| RGT Bixx | 1.1 | - | 0.5 | - | 17.5 | --------- |
| CSM 16204 | 2.7 | -- | 0.0 | - | 2.7 | -- |
| DKC 3872 | 1.0 | - | 0.0 | - | 14.8 | ------- |
| Farmirage | 0.5 | - | 0.0 | - | 3.1 | -- |
| SM F0140 | 2.2 | -- | 1.7 | -- | 14.7 | ------- |
| P8333 | 2.3 | -- | 1.1 | -- | 8.7 | ---- |
| SY Pandoras | 3.6 | --- | 0.6 | - | 6.8 | ---- |
| Janero | 7.0 | ----- | 1.8 | --- | 11.0 | ------ |
| KXB6141 | 6.4 | ---- | 3.3 | ---- | 6.4 | --- |
| KXB6142 | 6.7 | ----- | 3.4 | ---- | 9.2 | ----- |
| KXB6320 | 11.7 | -------- | 7.4 | --------- | 5.5 | --- |
| DFI45214 | 3.3 | --- | 1.2 | -- | 11.6 | ------ |
| Cranberri CS | 0.0 | - | 0.0 | - | 2.5 | -- |
| Benedictio KWS | 0.5 | - | 0.0 | - | 0.5 | - |
| LG 30.215 | 1.1 | - | 0.0 | - | 3.8 | -- |
| Xxilo | 2.1 | -- | 0.0 | - | 5.8 | --- |
| | | | | | | |
| -Bezugsgrösse(n) | 1.5 | -- | 1.1 | -- | 6.4 | --- |
| Versuchs-Mittel | 4.1 | --- | 1.5 | -- | 7.3 | ---- |
| | | | | | | |
| VK [%] | 112.2 | | 149.5 | | 82.1 | |
| KGD (5%) | 7.5 | | 3.7 | | ns | |
| KGD (1%) | 10.0 | | 4.9 | | ns | |
| Versuchs-Streuung | 4.6 | | 2.2 | | 6.0 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Pyrales, plantes touchées [%] / mit Maiszünsler befallene Pflanzen [%]

| Verfahren | Seriemittel | | 1260 Nyon | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 3.5 | ------ | 4.7 | ----- | 2.7 | -- | 3.1 | ----- |
| SY Talisman | 1.6 | - | 2.3 | -- | 0.4 | - | 2.1 | --- |
| Gottardo KWS | 2.3 | --- | 3.8 | ---- | 1.6 | -- | 1.5 | -- |
| SY Telias | 2.2 | --- | 3.3 | ---- | 1.5 | -- | 1.9 | --- |
| DKC 3440 | 3.0 | ----- | 5.9 | ------- | 1.7 | -- | 1.5 | -- |
| LG 30.248 | 2.6 | ---- | 2.3 | -- | 2.0 | -- | 3.6 | ------ |
| LG 31.235 | 1.5 | - | 1.9 | -- | 0.7 | - | 2.0 | --- |
| LG 31.259 | 3.2 | ----- | 7.3 | --------- | 1.1 | - | 1.1 | -- |
| LG 31.237 | 3.5 | ------ | 4.5 | ----- | 0.4 | - | 5.6 | --------- |
| Severeen | 1.5 | - | 1.5 | - | 0.4 | - | 2.6 | ---- |
| Aga Einstein | 3.0 | ----- | 4.8 | ------ | 1.6 | -- | 2.7 | ---- |
| ES Crossman | 1.6 | -- | 1.6 | -- | 2.5 | -- | 0.8 | - |
| Amaroc | 2.4 | --- | 3.1 | --- | 0.7 | - | 3.4 | ----- |
| RGT Mexxner | 1.6 | -- | 3.0 | --- | 1.2 | - | 0.8 | - |
| RGT Bixx | 2.1 | --- | 2.3 | --- | 1.5 | - | 2.6 | ---- |
| CSM 16204 | 1.5 | - | 3.0 | --- | 1.2 | - | 0.4 | - |
| DKC 3872 | 2.1 | --- | 1.1 | - | 1.5 | -- | 3.6 | ------ |
| Farmirage | 1.7 | -- | 1.9 | -- | 0.7 | - | 2.6 | ---- |
| SM F0140 | 2.9 | ---- | 4.7 | ----- | 1.9 | -- | 2.2 | --- |
| P8333 | 1.7 | -- | 2.3 | -- | 0.4 | - | 2.3 | ---- |
| SY Pandoras | 1.7 | -- | 1.4 | - | 1.1 | - | 2.6 | ---- |
| Janero | 1.2 | - | 0.8 | - | 0.8 | - | 2.0 | --- |
| KXB6141 | 1.9 | -- | 2.6 | --- | 1.6 | -- | 1.6 | -- |
| KXB6142 | 3.4 | ----- | 3.0 | --- | 3.7 | --- | 3.5 | ----- |
| KXB6320 | 3.4 | ------ | 4.5 | ----- | 1.5 | -- | 4.3 | ------- |
| DFI45214 | 3.2 | ----- | 3.0 | --- | 2.0 | -- | 4.6 | ------- |
| Cranberri CS | 2.2 | --- | 1.1 | - | 1.6 | -- | 3.7 | ------ |
| Benedictio KWS | 1.6 | -- | 3.0 | --- | 0.4 | - | 1.5 | -- |
| LG 30.215 | 4.8 | --------- | 3.8 | ---- | 10.3 | --------- | 0.4 | - |
| Xxilo | 1.7 | -- | 1.1 | - | 1.1 | - | 2.9 | ---- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 2.8 | ---- | 4.1 | ----- | 1.8 | -- | 2.6 | ---- |
| Versuchs-Mittel | 2.4 | --- | 3.0 | --- | 1.6 | -- | 2.4 | ---- |
| | | | | | | | | |
| VK [%] | 94.7 | | 73.9 | | 143.6 | | 86.9 | |
| KGD (5%) | ns | | ns | | 3.9 | | ns | |
| KGD (1%) | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 2.2 | | 2.2 | | 2.4 | | 2.1 | |
| FG Fehlerterm | 174.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 9.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 191.0 | 29 | 1.32 | ns | 1.53 | 0.1412 |
| Anbauorte | 82.0 | 2 | 8.22 | *** | 3.04 | 0.0005 |
| WW Verf.*Anb.Orte | 429.0 | 58 | 1.48 | * | 1.40 | 0.0272 |
| Fehler | 868.2 | 174 | | | | |
| Insgesamt | 1570.2 | 263 | | | | |

## Impression générale [note] / Allgemeiner Eindruck [Note]

| Verfahren | Seriemittel | | 1567 Delley FR | |
|---|---|---|---|---|
| ES Albatros | 4.0 | ------- | 4.0 | ------- |
| SY Talisman | 2.3 | -- | 2.3 | -- |
| Gottardo KWS | 2.3 | -- | 2.3 | -- |
| SY Telias | 4.0 | ------- | 4.0 | ------- |
| DKC 3440 | 3.0 | ---- | 3.0 | ---- |
| LG 30.248 | 3.3 | ----- | 3.3 | ----- |
| LG 31.235 | 4.0 | ------- | 4.0 | ------- |
| LG 31.259 | 4.3 | --------- | 4.3 | --------- |
| LG 31.237 | 2.7 | --- | 2.7 | --- |
| Severeen | 3.0 | ---- | 3.0 | ---- |
| Aga Einstein | 3.7 | ------ | 3.7 | ------ |
| ES Crossman | 2.7 | --- | 2.7 | --- |
| Amaroc | 3.3 | ----- | 3.3 | ----- |
| RGT Mexxner | 3.0 | ---- | 3.0 | ---- |
| RGT Bixx | 4.0 | ------- | 4.0 | ------- |
| CSM 16204 | 2.0 | - | 2.0 | - |
| DKC 3872 | 2.7 | --- | 2.7 | --- |
| Farmirage | 2.7 | --- | 2.7 | --- |
| SM F0140 | 2.7 | --- | 2.7 | --- |
| P8333 | 2.3 | -- | 2.3 | -- |
| SY Pandoras | 2.3 | -- | 2.3 | -- |
| Janero | 4.0 | ------- | 4.0 | ------- |
| KXB6141 | 3.0 | ---- | 3.0 | ---- |
| KXB6142 | 2.7 | --- | 2.7 | --- |
| KXB6320 | 4.3 | --------- | 4.3 | --------- |
| DFI45214 | 2.7 | --- | 2.7 | --- |
| Cranberri CS | 3.7 | ------ | 3.7 | ------ |
| Benedictio KWS | 2.3 | -- | 2.3 | -- |
| LG 30.215 | 4.0 | ------- | 4.0 | ------- |
| Xxilo | 2.7 | --- | 2.7 | --- |
| | | | | |
| -Bezugsgrösse(n) | 3.2 | ----- | 3.2 | ----- |
| Versuchs-Mittel | 3.1 | ---- | 3.1 | ---- |
| | | | | |
| VK [%] | 21.5 | | 21.5 | |
| KGD (5%) | 1.1 | | 1.1 | |
| KGD (1%) | 1.5 | | 1.5 | |
| Versuchs-Streuung | 0.7 | | 0.7 | |
| FG Fehlerterm | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Densité [plantes/m²] / Bestandesdichte [Pflanzen/m²]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 9.6 | ------ | 8.5 | -- | 8.5 | ------ | 8.9 | ---- | 8.6 | ---- |
| SY Talisman | 9.6 | ------- | 8.6 | --- | 8.6 | ------- | 9.0 | ----- | 8.9 | ------- |
| Gottardo KWS | 9.8 | -------- | 8.8 | --- | 8.5 | ------ | 9.0 | ---- | 8.9 | ------ |
| SY Telias | 9.6 | ------- | 9.2 | ------ | 8.5 | ------ | 8.8 | --- | 8.7 | ----- |
| DKC 3440 | 9.1 | -- | 8.5 | -- | 8.5 | ------ | 8.3 | - | 8.8 | ------ |
| LG 30.248 | 9.4 | ----- | 8.9 | ---- | 8.5 | ------ | 8.6 | -- | 9.1 | ------- |
| LG 31.235 | 9.4 | ---- | 9.1 | ----- | 8.4 | ----- | 9.0 | ---- | 8.5 | ---- |
| LG 31.259 | 9.4 | ----- | 8.8 | --- | 8.5 | ------ | 9.0 | ----- | 8.9 | ------- |
| LG 31.237 | 9.7 | ------- | 8.8 | ---- | 8.7 | --------- | 9.1 | ----- | 8.9 | ------ |
| Severeen | 9.5 | ----- | 8.9 | ---- | 8.6 | -------- | 8.9 | ---- | 9.0 | ------- |
| Aga Einstein | 9.3 | --- | 9.0 | ----- | 8.5 | ------ | 8.7 | --- | 8.6 | ----- |
| ES Crossman | 9.0 | - | 8.3 | - | 8.2 | -- | 8.4 | - | 7.9 | - |
| Amaroc | 9.7 | -------- | 8.8 | ---- | 8.5 | ------ | 9.8 | --------- | 8.9 | ------- |
| RGT Mexxner | 9.4 | ----- | 9.0 | ----- | 8.2 | -- | 8.9 | ---- | 8.7 | ----- |
| RGT Bixx | 9.7 | ------- | 8.6 | --- | 8.5 | ------ | 9.1 | ----- | 9.2 | -------- |
| CSM 16204 | 9.4 | ----- | 8.8 | --- | 8.5 | ------ | 8.9 | ---- | 9.2 | -------- |
| DKC 3872 | 9.8 | --------- | 8.9 | ---- | 8.5 | ------ | 9.1 | ----- | 9.3 | --------- |
| Farmirage | 9.5 | ----- | 8.6 | -- | 8.5 | ------ | 9.1 | ----- | 9.0 | ------- |
| SM F0140 | 9.4 | ----- | 8.5 | -- | 8.5 | ------ | 8.7 | --- | 8.9 | ------ |
| P8333 | 9.4 | ----- | 8.5 | -- | 8.5 | ------ | 9.4 | ------- | 8.7 | ----- |
| SY Pandoras | 9.8 | -------- | 9.2 | ------ | 8.5 | ------ | 9.3 | ------ | 9.1 | ------- |
| Janero | 9.2 | --- | 8.6 | -- | 8.5 | ------ | 8.4 | -- | 8.4 | --- |
| KXB6141 | 9.3 | ---- | 8.7 | --- | 8.5 | ------ | 8.5 | -- | 8.3 | --- |
| KXB6142 | 9.7 | ------- | 8.9 | ---- | 8.6 | -------- | 8.9 | ---- | 8.8 | ------ |
| KXB6320 | 9.5 | ------ | 9.0 | ----- | 8.5 | ------ | 8.7 | --- | 8.8 | ------ |
| DFI45214 | 9.0 | - | 8.7 | --- | 8.5 | ------ | 8.2 | - | 8.2 | -- |
| Cranberri CS | 9.4 | ---- | 8.7 | --- | 8.1 | - | 8.5 | -- | 8.3 | --- |
| Benedictio KWS | 9.8 | -------- | 9.7 | --------- | 8.6 | -------- | 9.2 | ------ | 9.2 | -------- |
| LG 30.215 | 9.3 | --- | 8.8 | --- | 8.5 | ------ | 8.6 | --- | 8.2 | -- |
| Xxilo | 9.7 | ------- | 8.8 | ---- | 8.5 | ------ | 9.0 | ----- | 9.2 | -------- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 9.2 | --- | 8.7 | --- | 8.5 | ------ | 8.4 | -- | 8.9 | ------- |
| Versuchs-Mittel | 9.5 | ----- | 8.8 | ---- | 8.5 | ------ | 8.9 | ---- | 8.8 | ------ |
| | | | | | | | | | | |
| VK [%] | 5.0 | | 4.5 | | 2.5 | | 5.0 | | 4.8 | |
| KGD (5%) | 0.3 | | ns | | ns | | 0.7 | | 0.7 | |
| KGD (1%) | 0.4 | | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 0.5 | | 0.4 | | 0.2 | | 0.4 | | 0.4 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 37.6 | 29 | 5.74 | *** | 1.49 | 0.0000 |
| Anbauorte | 425.4 | 7 | 269.48 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 50.8 | 203 | 1.11 | ns | 1.21 | |
| Fehler | 104.6 | 464 | | | | |
| Insgesamt | 618.3 | 703 | | | | |

## Densité [plantes/m²] / Bestandesdichte [Pflanzen/m²]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 10.9 | -------- | 10.2 | ----- | 10.1 | ------- | 10.9 | ------ |
| SY Talisman | 10.7 | ------- | 10.5 | ------ | 9.9 | ------ | 10.4 | ---- |
| Gottardo KWS | 10.9 | -------- | 10.9 | --------- | 10.1 | ------- | 11.3 | --------- |
| SY Telias | 11.0 | --------- | 10.3 | ----- | 10.2 | ------- | 10.2 | -- |
| DKC 3440 | 10.2 | ----- | 9.5 | - | 8.9 | - | 10.0 | - |
| LG 30.248 | 10.4 | ----- | 9.7 | -- | 9.9 | ------ | 10.3 | --- |
| LG 31.235 | 10.0 | ---- | 10.4 | ------ | 9.8 | ----- | 9.9 | - |
| LG 31.259 | 9.5 | -- | 10.6 | ------- | 9.5 | ---- | 10.7 | ----- |
| LG 31.237 | 10.2 | ----- | 10.8 | -------- | 10.0 | ------ | 11.1 | ------- |
| Severeen | 10.6 | ------- | 10.2 | ---- | 9.6 | ---- | 10.0 | - |
| Aga Einstein | 9.4 | - | 10.2 | ---- | 9.7 | ----- | 9.9 | - |
| ES Crossman | 9.9 | ---- | 10.0 | --- | 8.9 | - | 10.0 | - |
| Amaroc | 10.7 | ------- | 10.7 | ------- | 10.0 | ------ | 10.5 | ---- |
| RGT Mexxner | 10.5 | ------ | 9.5 | - | 9.9 | ------ | 10.5 | ---- |
| RGT Bixx | 10.9 | -------- | 10.4 | ------ | 9.9 | ------ | 10.7 | ------ |
| CSM 16204 | 10.5 | ------ | 10.1 | ---- | 9.5 | ---- | 10.0 | - |
| DKC 3872 | 11.0 | -------- | 10.6 | ------- | 10.1 | ------- | 11.1 | ------- |
| Farmirage | 10.0 | ---- | 10.1 | ---- | 10.0 | ------ | 10.5 | ---- |
| SM F0140 | 10.8 | ------- | 10.2 | ----- | 9.5 | ---- | 10.1 | -- |
| P8333 | 10.2 | ----- | 10.2 | ---- | 9.3 | --- | 10.4 | ---- |
| SY Pandoras | 10.5 | ------ | 10.8 | -------- | 9.8 | ----- | 11.0 | ------- |
| Janero | 9.9 | --- | 10.3 | ----- | 9.1 | -- | 10.2 | -- |
| KXB6141 | 9.7 | --- | 10.4 | ------ | 9.7 | ----- | 10.5 | ---- |
| KXB6142 | 10.6 | ------ | 10.8 | -------- | 10.1 | ------- | 10.5 | ---- |
| KXB6320 | 9.7 | -- | 10.6 | ------- | 10.3 | -------- | 10.8 | ------ |
| DFI45214 | 9.3 | - | 9.9 | --- | 9.3 | --- | 10.1 | -- |
| Cranberri CS | 9.9 | --- | 10.2 | ----- | 10.4 | --------- | 10.7 | ----- |
| Benedictio KWS | 10.2 | ----- | 10.4 | ------ | 10.4 | --------- | 10.5 | ---- |
| LG 30.215 | 10.3 | ----- | 9.9 | --- | 9.7 | ----- | 10.1 | -- |
| Xxilo | 10.5 | ------ | 10.5 | ------ | 9.6 | ---- | 11.1 | -------- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 10.3 | ----- | 9.6 | - | 9.4 | --- | 10.1 | -- |
| Versuchs-Mittel | 10.3 | ----- | 10.3 | ----- | 9.8 | ----- | 10.5 | ---- |
| | | | | | | | | |
| VK [%] | 7.4 | | 4.2 | | 5.1 | | 4.4 | |
| KGD (5%) | ns | | 0.7 | | 0.8 | | 0.7 | |
| KGD (1%) | ns | | ns | | ns | | 1.0 | |
| Versuchs-Streuung | 0.8 | | 0.4 | | 0.5 | | 0.5 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Rendement brut [dt/ha] / Frischertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 683.9 | ------ | 681.2 | ------ | 461.5 | - | 715.0 | ----- | 707.2 | ----- |
| SY Talisman | 628.9 | --- | 598.5 | - | 479.0 | -- | 683.6 | ---- | 696.7 | ---- |
| Gottardo KWS | 601.6 | - | 601.5 | - | 486.6 | --- | 650.5 | -- | 661.3 | --- |
| SY Telias | 639.4 | --- | 644.1 | ---- | 510.4 | ----- | 700.8 | ---- | 693.0 | ---- |
| DKC 3440 | 613.7 | -- | 650.2 | ---- | 460.5 | - | 651.7 | -- | 659.6 | --- |
| LG 30.248 | 662.3 | ----- | 654.1 | ----- | 473.2 | -- | 743.9 | ------ | 713.8 | ----- |
| LG 31.235 | 648.2 | ---- | 641.5 | ---- | 484.7 | --- | 666.0 | --- | 706.7 | ----- |
| LG 31.259 | 654.9 | ---- | 659.7 | ----- | 465.0 | - | 663.7 | --- | 704.1 | ----- |
| LG 31.237 | 634.3 | --- | 636.9 | --- | 476.5 | -- | 627.7 | -- | 680.4 | ---- |
| Severeen | 663.5 | ----- | 655.7 | ----- | 501.0 | ---- | 688.8 | ---- | 721.7 | ----- |
| Aga Einstein | 689.6 | ------ | 693.3 | ------- | 521.4 | ------ | 758.5 | ------- | 746.3 | ------ |
| ES Crossman | 710.5 | -------- | 690.4 | ------- | 544.9 | ------- | 707.7 | ----- | 745.8 | ------ |
| Amaroc | 694.8 | ------- | 699.7 | -------- | 481.6 | -- | 752.6 | ------ | 792.6 | --------- |
| RGT Mexxner | 667.3 | ----- | 609.1 | - | 503.2 | ---- | 660.0 | --- | 740.7 | ------ |
| RGT Bixx | 712.2 | -------- | 695.6 | ------- | 538.9 | ------- | 754.9 | ------ | 711.4 | ----- |
| CSM 16204 | 707.5 | -------- | 715.2 | --------- | 545.2 | ------- | 776.6 | ------- | 746.5 | ------- |
| DKC 3872 | 686.8 | ------ | 715.1 | --------- | 522.4 | ------ | 672.6 | --- | 758.0 | ------- |
| Farmirage | 723.3 | --------- | 689.2 | ------- | 562.1 | --------- | 810.3 | --------- | 750.1 | ------- |
| SM F0140 | 674.4 | ------ | 660.2 | ----- | 547.5 | ------- | 702.9 | ---- | 703.1 | ----- |
| P8333 | 701.2 | ------- | 693.5 | ------- | 559.1 | -------- | 716.3 | ----- | 780.8 | -------- |
| SY Pandoras | 696.4 | ------- | 700.4 | -------- | 535.6 | ------- | 701.5 | ---- | 717.5 | ----- |
| Janero | 679.7 | ------ | 714.9 | --------- | 530.6 | ------ | 688.1 | ---- | 702.1 | ---- |
| KXB6141 | 679.2 | ------ | 693.1 | ------- | 540.0 | ------- | 708.7 | ----- | 755.1 | ------- |
| KXB6142 | 682.1 | ------ | 649.8 | ---- | 533.6 | ------ | 727.0 | ----- | 744.9 | ------ |
| KXB6320 | 631.3 | --- | 685.4 | ------- | 457.0 | - | 674.9 | --- | 699.9 | ---- |
| DFI45214 | 615.9 | -- | 643.2 | ---- | 514.7 | ----- | 603.5 | - | 666.5 | --- |
| Cranberri CS | 609.3 | - | 615.6 | -- | 472.8 | -- | 617.8 | - | 616.4 | - |
| Benedictio KWS | 640.2 | --- | 637.5 | --- | 485.3 | --- | 669.0 | --- | 718.2 | ----- |
| LG 30.215 | 597.1 | - | 596.0 | - | 481.2 | -- | 626.5 | - | 660.1 | --- |
| Xxilo | 647.1 | ---- | 678.0 | ------ | 504.0 | ---- | 643.7 | -- | 672.8 | --- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 638.0 | --- | 652.2 | ---- | 466.8 | - | 697.8 | ---- | 686.7 | ---- |
| Versuchs-Mittel | 662.6 | ----- | 663.3 | ----- | 506.0 | ---- | 692.2 | ---- | 712.4 | ----- |
| | | | | | | | | | | |
| VK [%] | 5.6 | | 5.5 | | 4.4 | | 5.1 | | 5.1 | |
| KGD (5%) | 20.9 | | 59.2 | | 36.3 | | 57.2 | | 59.8 | |
| KGD (1%) | 27.5 | | 78.8 | | 48.3 | | 76.0 | | 79.6 | |
| Versuchs-Streuung | 36.8 | | 36.2 | | 22.2 | | 35.0 | | 36.6 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 885313.4 | 29 | 22.53 | *** | 1.49 | 0.0000 |
| Anbauorte | 5614399.4 | 7 | 591.83 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 521574.1 | 203 | 1.90 | *** | 1.21 | 0.0005 |
| Fehler | 628818.9 | 464 | | | | |
| Insgesamt | 7650105.8 | 703 | | | | |

## Rendement brut [dt/ha] / Frischertrag [dt/ha]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 749.7 | ----- | 764.1 | -------- | 585.6 | -------- | 806.4 | ------- |
| SY Talisman | 670.8 | --- | 699.6 | ---- | 523.6 | ---- | 679.6 | -- |
| Gottardo KWS | 645.2 | -- | 643.1 | - | 474.9 | -- | 649.7 | - |
| SY Telias | 700.0 | ---- | 688.1 | --- | 486.5 | -- | 692.5 | --- |
| DKC 3440 | 659.6 | -- | 660.7 | -- | 535.9 | ----- | 631.4 | - |
| LG 30.248 | 741.3 | ----- | 712.0 | ----- | 542.1 | ----- | 718.2 | ---- |
| LG 31.235 | 741.9 | ----- | 741.1 | ------ | 513.4 | ---- | 689.8 | --- |
| LG 31.259 | 757.0 | ------ | 720.8 | ----- | 534.7 | ----- | 734.2 | ---- |
| LG 31.237 | 721.4 | ---- | 675.8 | -- | 520.7 | ---- | 734.9 | ---- |
| Severeen | 748.0 | ----- | 702.8 | ---- | 545.6 | ------ | 744.8 | ----- |
| Aga Einstein | 786.8 | ------- | 755.6 | ------- | 488.9 | -- | 765.9 | ------ |
| ES Crossman | 800.2 | ------- | 783.2 | --------- | 567.9 | ------- | 843.8 | --------- |
| Amaroc | 772.3 | ------ | 725.5 | ----- | 519.2 | ---- | 815.0 | -------- |
| RGT Mexxner | 766.0 | ------ | 769.2 | -------- | 568.8 | ------- | 721.9 | ---- |
| RGT Bixx | 817.1 | -------- | 748.3 | ------- | 598.7 | --------- | 832.9 | -------- |
| CSM 16204 | 777.6 | ------ | 732.1 | ------ | 528.9 | ----- | 838.1 | -------- |
| DKC 3872 | 798.9 | ------- | 756.9 | ------- | 512.0 | ---- | 758.4 | ----- |
| Farmirage | 845.2 | --------- | 744.2 | ------ | 587.7 | -------- | 797.6 | ------- |
| SM F0140 | 769.2 | ------ | 712.6 | ----- | 513.6 | ---- | 786.5 | ------ |
| P8333 | 812.3 | ------- | 759.0 | ------- | 470.0 | - | 818.6 | -------- |
| SY Pandoras | 799.3 | ------- | 726.5 | ----- | 561.2 | ------- | 829.1 | -------- |
| Janero | 793.0 | ------- | 698.1 | ---- | 516.3 | ---- | 794.3 | ------- |
| KXB6141 | 728.5 | ----- | 723.9 | ----- | 545.3 | ------ | 739.1 | ----- |
| KXB6142 | 771.0 | ------ | 719.6 | ----- | 560.7 | ------ | 749.9 | ----- |
| KXB6320 | 610.3 | - | 685.4 | --- | 515.9 | ---- | 721.5 | ---- |
| DFI45214 | 686.6 | --- | 681.9 | --- | 455.1 | - | 676.0 | -- |
| Cranberri CS | 719.0 | ---- | 683.2 | --- | 463.6 | - | 685.5 | --- |
| Benedictio KWS | 697.9 | ---- | 687.8 | --- | 511.1 | ---- | 715.3 | ---- |
| LG 30.215 | 638.6 | -- | 650.1 | - | 476.6 | -- | 648.2 | - |
| Xxilo | 731.8 | ----- | 694.4 | ---- | 540.7 | ----- | 711.5 | ---- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 700.5 | ---- | 686.4 | --- | 539.0 | ----- | 674.8 | -- |
| Versuchs-Mittel | 741.9 | ----- | 714.9 | ----- | 525.5 | ----- | 744.4 | ----- |
| | | | | | | | | |
| VK [%] | 5.1 | | 4.5 | | 9.0 | | 5.7 | |
| KGD (5%) | 61.4 | | 52.6 | | 77.3 | | 69.2 | |
| KGD (1%) | 81.7 | | 70.0 | | ns | | 92.0 | |
| Versuchs-Streuung | 37.6 | | 32.2 | | 47.3 | | 42.3 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Rendement en matière sèche [dt/ha] / TS Ertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 242.6 | ----- | 219.2 | ----- | 164.5 | - | 251.0 | ---- | 221.5 | -- |
| SY Talisman | 240.4 | ---- | 202.8 | --- | 165.3 | - | 253.4 | ----- | 239.1 | ---- |
| Gottardo KWS | 231.8 | --- | 218.9 | ----- | 177.7 | ---- | 247.9 | ---- | 229.2 | --- |
| SY Telias | 233.9 | --- | 212.3 | ---- | 176.9 | ---- | 240.5 | --- | 229.4 | --- |
| DKC 3440 | 238.8 | ---- | 225.1 | ------ | 171.7 | --- | 252.4 | ----- | 236.5 | ---- |
| LG 30.248 | 244.5 | ----- | 229.7 | ------- | 170.3 | -- | 267.6 | ------- | 231.0 | --- |
| LG 31.235 | 233.7 | --- | 209.8 | ---- | 176.5 | ---- | 231.4 | - | 220.9 | -- |
| LG 31.259 | 247.9 | ------ | 221.6 | ------ | 165.2 | - | 256.2 | ----- | 243.4 | ----- |
| LG 31.237 | 238.8 | ---- | 211.3 | ---- | 174.5 | --- | 243.6 | --- | 242.0 | ---- |
| Severeen | 251.0 | ------ | 217.4 | ----- | 181.7 | ----- | 264.2 | ------ | 240.9 | ---- |
| Aga Einstein | 239.3 | ---- | 214.2 | ----- | 170.2 | -- | 256.1 | ----- | 232.0 | --- |
| ES Crossman | 247.8 | ------ | 219.5 | ----- | 186.0 | ------ | 250.7 | ---- | 239.1 | ---- |
| Amaroc | 264.2 | --------- | 228.0 | ------- | 177.4 | ---- | 275.5 | -------- | 273.5 | --------- |
| RGT Mexxner | 241.0 | ---- | 209.0 | ---- | 179.3 | ----- | 243.6 | --- | 229.3 | --- |
| RGT Bixx | 245.5 | ----- | 212.4 | ---- | 181.8 | ----- | 267.1 | ------- | 218.0 | - |
| CSM 16204 | 250.9 | ------ | 224.6 | ------ | 179.4 | ----- | 273.6 | -------- | 238.8 | ---- |
| DKC 3872 | 242.7 | ----- | 216.0 | ----- | 174.7 | --- | 256.5 | ----- | 234.4 | --- |
| Farmirage | 246.9 | ----- | 213.4 | ----- | 182.1 | ----- | 264.3 | ------ | 235.7 | ---- |
| SM F0140 | 234.2 | --- | 207.6 | ---- | 175.8 | ---- | 246.6 | ---- | 229.0 | --- |
| P8333 | 250.6 | ------ | 218.8 | ----- | 192.3 | -------- | 267.8 | ------- | 249.1 | ----- |
| SY Pandoras | 242.8 | ----- | 219.6 | ----- | 174.2 | --- | 231.6 | - | 233.0 | --- |
| Janero | 231.7 | --- | 228.0 | ------- | 168.0 | -- | 226.5 | - | 216.9 | - |
| KXB6141 | 255.4 | ------- | 227.2 | ------- | 192.2 | -------- | 278.5 | --------- | 256.4 | ------ |
| KXB6142 | 256.3 | ------- | 209.1 | ---- | 196.2 | --------- | 271.6 | -------- | 256.7 | ------ |
| KXB6320 | 233.1 | --- | 226.6 | ------ | 162.8 | - | 254.1 | ----- | 232.4 | --- |
| DFI45214 | 225.8 | -- | 184.5 | - | 173.6 | --- | 233.1 | -- | 226.3 | -- |
| Cranberri CS | 233.0 | --- | 189.4 | - | 175.8 | ---- | 243.1 | --- | 212.5 | - |
| Benedictio KWS | 248.6 | ------ | 242.2 | --------- | 175.9 | ---- | 262.4 | ------ | 235.9 | ---- |
| LG 30.215 | 220.3 | - | 198.3 | --- | 165.0 | - | 228.2 | - | 217.6 | - |
| Xxilo | 238.3 | ---- | 212.1 | ---- | 176.7 | ---- | 240.9 | --- | 232.1 | --- |
| -Bezugsgrösse(n) | 241.7 | ---- | 227.4 | ------- | 171.0 | --- | 260.0 | ------ | 233.7 | --- |
| Versuchs-Mittel | 241.7 | ----- | 215.6 | ----- | 176.1 | ---- | 252.7 | ----- | 234.4 | --- |
| VK [%] | 5.8 | | 7.4 | | 5.4 | | 5.5 | | 6.0 | |
| KGD (5%) | 8.0 | | ns | | 15.5 | | 22.8 | | 23.1 | |
| KGD (1%) | 10.5 | | ns | | 20.6 | | 30.3 | | 30.7 | |
| Versuchs-Streuung | 14.0 | | 16.0 | | 9.5 | | 13.9 | | 14.1 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 62596.4 | 29 | 10.97 | *** | 1.49 | 0.0000 |
| Anbauorte | 763464.2 | 7 | 554.39 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 63993.2 | 203 | 1.60 | ns | 1.21 | |
| Fehler | 91283.1 | 464 | | | | |
| Insgesamt | 981336.8 | 703 | | | | |

## Rendement en matière sèche [dt/ha] / TS Ertrag [dt/ha]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 283.0 | ------ | 282.1 | ------- | 241.7 | ------- | 277.5 | ---- |
| SY Talisman | 280.2 | ------ | 274.3 | ----- | 237.7 | ------- | 270.2 | --- |
| Gottardo KWS | 248.2 | -- | 250.6 | - | 222.9 | ---- | 259.2 | -- |
| SY Telias | 275.0 | ----- | 264.9 | ---- | 214.2 | --- | 258.2 | -- |
| DKC 3440 | 264.3 | ---- | 266.3 | ---- | 239.8 | ------- | 254.3 | -- |
| LG 30.248 | 278.2 | ------ | 278.9 | ------ | 235.6 | ------ | 264.9 | --- |
| LG 31.235 | 272.2 | ----- | 284.3 | ------- | 228.5 | ----- | 245.8 | - |
| LG 31.259 | 293.1 | ------- | 287.6 | -------- | 240.8 | ------- | 275.4 | ---- |
| LG 31.237 | 271.0 | ----- | 274.5 | ----- | 223.4 | ---- | 270.2 | --- |
| Severeen | 281.3 | ------ | 285.1 | ------- | 249.5 | --------- | 287.6 | ----- |
| Aga Einstein | 271.2 | ----- | 286.9 | -------- | 215.7 | --- | 268.4 | --- |
| ES Crossman | 288.5 | ------- | 286.2 | ------- | 231.0 | ------ | 281.1 | ---- |
| Amaroc | 298.2 | -------- | 289.1 | -------- | 241.9 | ------- | 330.1 | --------- |
| RGT Mexxner | 284.9 | ------- | 281.1 | ------- | 247.1 | -------- | 253.6 | -- |
| RGT Bixx | 287.8 | ------- | 273.2 | ----- | 245.8 | -------- | 277.5 | ---- |
| CSM 16204 | 290.1 | ------- | 280.6 | ------- | 235.2 | ------ | 285.0 | ----- |
| DKC 3872 | 289.1 | ------- | 276.4 | ------ | 224.8 | ----- | 270.0 | --- |
| Farmirage | 299.0 | -------- | 263.9 | ---- | 239.7 | ------- | 277.0 | ---- |
| SM F0140 | 273.0 | ----- | 257.6 | --- | 219.0 | ---- | 264.8 | --- |
| P8333 | 300.2 | -------- | 292.8 | --------- | 199.8 | - | 284.0 | ----- |
| SY Pandoras | 288.9 | ------- | 262.7 | --- | 245.4 | -------- | 286.9 | ----- |
| Janero | 280.3 | ------ | 245.7 | - | 224.9 | ----- | 263.5 | --- |
| KXB6141 | 288.8 | ------- | 276.1 | ------ | 249.7 | --------- | 274.2 | ---- |
| KXB6142 | 302.7 | --------- | 283.1 | ------- | 248.6 | -------- | 282.5 | ----- |
| KXB6320 | 233.7 | - | 262.7 | --- | 228.1 | ----- | 264.4 | --- |
| DFI45214 | 259.5 | ---- | 265.1 | ---- | 217.8 | --- | 246.7 | - |
| Cranberri CS | 280.9 | ------ | 278.3 | ------ | 219.4 | ---- | 264.4 | --- |
| Benedictio KWS | 277.3 | ------ | 274.9 | ------ | 234.8 | ------ | 285.2 | ----- |
| LG 30.215 | 252.1 | --- | 251.1 | -- | 212.9 | --- | 237.1 | - |
| Xxilo | 277.4 | ------ | 260.5 | --- | 241.7 | ------- | 265.1 | --- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 271.3 | ----- | 272.6 | ----- | 237.7 | ------- | 259.6 | --- |
| Versuchs-Mittel | 279.0 | ------ | 273.2 | ----- | 231.9 | ------ | 270.8 | ---- |
| | | | | | | | | |
| VK [%] | 4.1 | | 4.7 | | 6.7 | | 6.4 | |
| KGD (5%) | 18.9 | | 20.8 | | 25.3 | | 28.3 | |
| KGD (1%) | 25.1 | | 27.7 | | 33.6 | | 37.7 | |
| Versuchs-Streuung | 11.5 | | 12.8 | | 15.5 | | 17.3 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Précocité [% MS] / Frühreife [% TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 35.6 | --- | 32.2 | ---- | 35.6 | ------ | 35.1 | ---- | 31.4 | -- |
| SY Talisman | 38.3 | ------- | 34.0 | ----- | 34.5 | ----- | 37.1 | ------ | 34.3 | ------ |
| Gottardo KWS | 38.8 | -------- | 36.5 | ------- | 36.5 | -------- | 38.1 | ------- | 34.7 | ------- |
| SY Telias | 36.9 | ----- | 33.1 | ---- | 34.7 | ----- | 34.3 | --- | 33.1 | ---- |
| DKC 3440 | 39.0 | --------- | 34.8 | ------ | 37.3 | --------- | 38.7 | -------- | 35.9 | --------- |
| LG 30.248 | 37.1 | ----- | 35.1 | ------ | 36.0 | ------- | 36.0 | ----- | 32.4 | --- |
| LG 31.235 | 36.4 | ---- | 32.7 | ---- | 36.4 | ------- | 34.8 | --- | 31.3 | - |
| LG 31.259 | 37.9 | ------- | 33.6 | ----- | 35.5 | ------ | 38.6 | -------- | 34.6 | ------- |
| LG 31.237 | 37.8 | ------ | 33.2 | ---- | 36.6 | -------- | 38.9 | -------- | 35.6 | -------- |
| Severeen | 38.0 | ------- | 33.2 | ---- | 36.3 | ------- | 38.4 | ------- | 33.4 | ----- |
| Aga Einstein | 35.1 | -- | 30.9 | --- | 32.6 | -- | 33.8 | -- | 31.1 | - |
| ES Crossman | 35.0 | -- | 31.7 | --- | 34.1 | ---- | 35.5 | ---- | 32.1 | --- |
| Amaroc | 38.3 | ------- | 32.6 | ---- | 36.9 | -------- | 36.6 | ----- | 34.5 | ------ |
| RGT Mexxner | 36.3 | ---- | 34.3 | ----- | 35.6 | ------ | 37.0 | ------ | 31.0 | - |
| RGT Bixx | 34.6 | - | 30.6 | -- | 33.8 | ---- | 35.4 | ---- | 30.7 | - |
| CSM 16204 | 35.8 | --- | 31.5 | --- | 32.9 | -- | 35.3 | ---- | 32.0 | --- |
| DKC 3872 | 35.7 | --- | 30.2 | -- | 33.4 | --- | 38.2 | ------- | 30.9 | - |
| Farmirage | 34.2 | - | 31.0 | --- | 32.4 | -- | 32.7 | - | 31.4 | -- |
| SM F0140 | 35.0 | -- | 31.5 | --- | 32.1 | - | 35.2 | ---- | 32.6 | --- |
| P8333 | 36.1 | ---- | 31.7 | --- | 34.4 | ---- | 37.4 | ------ | 31.9 | -- |
| SY Pandoras | 35.0 | -- | 31.4 | --- | 32.5 | -- | 33.0 | - | 32.5 | --- |
| Janero | 34.4 | - | 31.9 | --- | 31.7 | - | 32.9 | - | 30.9 | - |
| KXB6141 | 37.8 | ------- | 32.8 | ---- | 35.6 | ------ | 39.4 | --------- | 34.0 | ------ |
| KXB6142 | 37.7 | ------ | 32.2 | ---- | 36.8 | -------- | 37.5 | ------ | 34.5 | ------ |
| KXB6320 | 37.2 | ----- | 33.1 | ---- | 35.6 | ------ | 37.6 | ------ | 33.3 | ----- |
| DFI45214 | 37.0 | ----- | 28.7 | - | 33.7 | ---- | 38.5 | -------- | 34.0 | ------ |
| Cranberri CS | 38.5 | -------- | 30.8 | -- | 37.2 | -------- | 39.4 | --------- | 34.5 | ------ |
| Benedictio KWS | 39.1 | --------- | 38.0 | --------- | 36.2 | ------- | 39.3 | -------- | 32.9 | ---- |
| LG 30.215 | 37.1 | ----- | 33.3 | ----- | 34.3 | ---- | 36.7 | ----- | 33.0 | ---- |
| Xxilo | 37.0 | ----- | 31.4 | --- | 35.1 | ----- | 37.4 | ------ | 34.5 | ------ |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 38.0 | ------- | 34.9 | ------ | 36.6 | -------- | 37.4 | ------ | 34.1 | ------ |
| Versuchs-Mittel | 36.8 | ----- | 32.6 | ---- | 34.9 | ----- | 36.6 | ----- | 33.0 | ---- |
| | | | | | | | | | | |
| VK [%] | 4.6 | | 7.5 | | 3.2 | | 4.9 | | 4.5 | |
| KGD (5%) | 1.0 | | 4.0 | | 1.8 | | 2.9 | | 2.4 | |
| KGD (1%) | 1.3 | | ns | | 2.4 | | 3.9 | | 3.2 | |
| Versuchs-Streuung | 1.7 | | 2.4 | | 1.1 | | 1.8 | | 1.5 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 1477.2 | 29 | 17.50 | *** | 1.49 | 0.0000 |
| Anbauorte | 8749.8 | 7 | 429.43 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 839.8 | 203 | 1.42 | ns | 1.21 | |
| Fehler | 1350.6 | 464 | | | | |
| Insgesamt | 12417.5 | 703 | | | | |

## Précocité [% MS] / Frühreife [% TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 37.8 | ---- | 37.0 | --- | 41.3 | - | 34.4 | -- |
| SY Talisman | 41.9 | --------- | 39.2 | ------ | 45.5 | ------ | 39.8 | -------- |
| Gottardo KWS | 38.5 | ----- | 39.0 | ------ | 46.9 | -------- | 39.9 | -------- |
| SY Telias | 39.4 | ------ | 38.6 | ------ | 44.9 | ----- | 37.3 | ----- |
| DKC 3440 | 40.1 | ------- | 40.3 | -------- | 44.8 | ----- | 40.3 | -------- |
| LG 30.248 | 37.5 | ---- | 39.2 | ------ | 43.5 | ---- | 36.9 | ---- |
| LG 31.235 | 36.9 | --- | 38.4 | ----- | 44.7 | ----- | 35.7 | --- |
| LG 31.259 | 38.8 | ----- | 39.9 | ------- | 45.0 | ----- | 37.5 | ----- |
| LG 31.237 | 37.6 | ---- | 40.6 | -------- | 42.9 | --- | 36.8 | ---- |
| Severeen | 37.8 | ---- | 40.7 | --------- | 45.9 | ------ | 38.6 | ------ |
| Aga Einstein | 34.5 | - | 38.0 | ----- | 45.0 | ----- | 35.0 | --- |
| ES Crossman | 36.1 | -- | 36.7 | --- | 40.7 | - | 33.3 | - |
| Amaroc | 38.7 | ----- | 39.9 | ------- | 46.7 | ------- | 40.8 | --------- |
| RGT Mexxner | 37.2 | ---- | 36.6 | -- | 43.5 | ---- | 35.1 | --- |
| RGT Bixx | 35.2 | - | 36.5 | -- | 41.1 | - | 33.3 | - |
| CSM 16204 | 37.3 | ---- | 38.4 | ----- | 44.9 | ----- | 34.0 | - |
| DKC 3872 | 36.1 | -- | 36.6 | --- | 44.0 | ---- | 35.6 | --- |
| Farmirage | 35.4 | -- | 35.5 | - | 40.8 | - | 34.7 | -- |
| SM F0140 | 35.5 | -- | 36.2 | -- | 43.2 | --- | 33.7 | - |
| P8333 | 37.0 | --- | 38.7 | ------ | 43.3 | --- | 34.7 | -- |
| SY Pandoras | 36.2 | -- | 36.1 | -- | 43.8 | ---- | 34.6 | -- |
| Janero | 35.4 | -- | 35.2 | - | 43.9 | ---- | 33.2 | - |
| KXB6141 | 39.7 | ------ | 38.2 | ----- | 45.9 | ------ | 37.1 | ----- |
| KXB6142 | 39.4 | ------ | 39.4 | ------- | 44.3 | ----- | 37.7 | ----- |
| KXB6320 | 38.4 | ----- | 38.3 | ----- | 44.3 | ----- | 36.7 | ---- |
| DFI45214 | 37.8 | ---- | 38.9 | ------ | 47.9 | --------- | 36.5 | ---- |
| Cranberri CS | 39.1 | ------ | 40.8 | --------- | 47.5 | -------- | 38.6 | ------ |
| Benedictio KWS | 39.9 | ------ | 40.0 | -------- | 46.2 | ------- | 39.9 | -------- |
| LG 30.215 | 39.5 | ------ | 38.6 | ------ | 44.7 | ----- | 36.6 | ---- |
| Xxilo | 37.9 | ---- | 37.5 | ---- | 44.9 | ----- | 37.2 | ----- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 38.8 | ----- | 39.8 | ------- | 44.2 | ---- | 38.6 | ------ |
| Versuchs-Mittel | 37.7 | ---- | 38.3 | ----- | 44.4 | ----- | 36.5 | ---- |
| | | | | | | | | |
| VK [%] | 3.3 | | 2.9 | | 4.8 | | 5.0 | |
| KGD (5%) | 2.0 | | 1.8 | | 3.5 | | 3.0 | |
| KGD (1%) | 2.7 | | 2.4 | | 4.7 | | 4.0 | |
| Versuchs-Streuung | 1.2 | | 1.1 | | 2.1 | | 1.8 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Rendement en MOD [dt/ha] / VOS Ertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 169.8 | ----- | 151.0 | ----- | 118.1 | - | 171.6 | ---- | 149.8 | -- |
| SY Talisman | 168.4 | ---- | 140.6 | --- | 120.2 | - | 176.6 | ----- | 165.1 | ---- |
| Gottardo KWS | 164.1 | --- | 156.9 | ------ | 128.7 | ---- | 170.5 | ---- | 157.6 | --- |
| SY Telias | 164.8 | --- | 154.3 | ------ | 129.2 | ---- | 168.3 | --- | 156.2 | --- |
| DKC 3440 | 166.7 | ---- | 155.9 | ------ | 127.0 | --- | 170.9 | ---- | 162.4 | ---- |
| LG 30.248 | 172.8 | ----- | 165.3 | ------- | 121.3 | -- | 188.1 | ------- | 157.4 | --- |
| LG 31.235 | 164.7 | --- | 147.9 | ---- | 130.1 | ---- | 162.5 | -- | 153.5 | -- |
| LG 31.259 | 173.2 | ------ | 156.9 | ------ | 118.3 | - | 174.6 | ---- | 166.6 | ----- |
| LG 31.237 | 167.4 | ---- | 146.4 | ---- | 127.6 | ---- | 168.3 | --- | 170.5 | ----- |
| Severeen | 176.1 | ------ | 151.7 | ----- | 132.7 | ----- | 181.5 | ------ | 166.5 | ----- |
| Aga Einstein | 165.0 | --- | 143.4 | ---- | 121.5 | -- | 175.4 | ----- | 153.6 | -- |
| ES Crossman | 171.6 | ----- | 149.0 | ----- | 132.5 | ----- | 170.8 | ---- | 166.5 | ----- |
| Amaroc | 184.9 | --------- | 153.3 | ----- | 131.3 | ----- | 190.8 | -------- | 190.4 | --------- |
| RGT Mexxner | 168.4 | ---- | 147.0 | ---- | 130.0 | ---- | 167.7 | --- | 153.8 | -- |
| RGT Bixx | 171.6 | ----- | 142.9 | ---- | 133.4 | ------ | 187.6 | ------- | 142.6 | - |
| CSM 16204 | 173.1 | ------ | 148.3 | ----- | 130.2 | ---- | 187.1 | ------- | 163.8 | ---- |
| DKC 3872 | 170.2 | ----- | 147.9 | ---- | 127.4 | ---- | 180.1 | ----- | 159.5 | --- |
| Farmirage | 172.9 | ----- | 147.3 | ---- | 132.1 | ----- | 180.8 | ------ | 164.4 | ---- |
| SM F0140 | 164.7 | --- | 145.7 | ---- | 129.4 | ---- | 171.1 | ---- | 157.3 | --- |
| P8333 | 176.0 | ------ | 150.7 | ----- | 139.4 | ------- | 186.2 | ------- | 173.7 | ------ |
| SY Pandoras | 169.4 | ----- | 151.5 | ----- | 126.3 | --- | 155.8 | - | 159.4 | --- |
| Janero | 163.9 | --- | 164.0 | ------- | 123.9 | -- | 157.5 | - | 149.8 | -- |
| KXB6141 | 178.3 | ------- | 155.7 | ------ | 138.8 | ------- | 195.9 | --------- | 175.5 | ------ |
| KXB6142 | 178.0 | ------- | 138.7 | --- | 143.0 | --------- | 186.0 | ------- | 181.1 | ------- |
| KXB6320 | 161.5 | --- | 150.1 | ----- | 118.7 | - | 175.8 | ----- | 156.9 | --- |
| DFI45214 | 155.1 | - | 125.0 | - | 125.5 | --- | 156.9 | - | 153.6 | -- |
| Cranberri CS | 162.2 | --- | 126.5 | - | 126.3 | --- | 167.2 | --- | 145.0 | - |
| Benedictio KWS | 176.4 | ------ | 172.6 | --------- | 131.4 | ----- | 180.5 | ------ | 165.6 | ---- |
| LG 30.215 | 153.9 | - | 136.0 | -- | 120.0 | - | 160.7 | -- | 147.4 | - |
| Xxilo | 164.4 | --- | 140.7 | --- | 125.0 | --- | 163.4 | -- | 158.5 | --- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 169.7 | ----- | 160.6 | ------- | 124.1 | --- | 179.5 | ----- | 159.9 | --- |
| Versuchs-Mittel | 169.0 | ---- | 148.8 | ----- | 128.0 | ---- | 174.3 | ---- | 160.8 | ---- |
| | | | | | | | | | | |
| VK [%] | 6.8 | | 10.2 | | 6.1 | | 6.7 | | 6.8 | |
| KGD (5%) | 6.5 | | ns | | 12.7 | | 19.0 | | 17.9 | |
| KGD (1%) | 8.6 | | ns | | ns | | 25.3 | | 23.8 | |
| Versuchs-Streuung | 11.5 | | 15.1 | | 7.8 | | 11.6 | | 10.9 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 31860.5 | 29 | 8.36 | *** | 1.49 | 0.0000 |
| Anbauorte | 343232.5 | 7 | 372.94 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 40500.7 | 203 | 1.52 | ns | 1.21 | |
| Fehler | 61005.1 | 464 | | | | |
| Insgesamt | 476598.7 | 703 | | | | |

## Rendement en MOD [dt/ha] / VOS Ertrag [dt/ha]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 194.1 | ------ | 204.8 | ------- | 171.5 | ------- | 197.3 | ---- |
| SY Talisman | 189.6 | ----- | 198.7 | ------ | 173.2 | ------- | 182.9 | --- |
| Gottardo KWS | 179.4 | --- | 179.1 | -- | 157.9 | ---- | 183.0 | --- |
| SY Telias | 190.9 | ----- | 188.7 | ---- | 151.2 | --- | 179.5 | -- |
| DKC 3440 | 182.0 | ---- | 188.7 | ---- | 168.1 | ------ | 178.9 | -- |
| LG 30.248 | 196.6 | ------- | 199.6 | ------ | 167.7 | ------ | 186.1 | --- |
| LG 31.235 | 184.6 | ---- | 204.9 | ------- | 161.7 | ----- | 172.0 | - |
| LG 31.259 | 202.1 | -------- | 202.9 | ------- | 172.3 | ------- | 191.7 | ---- |
| LG 31.237 | 186.9 | ----- | 195.3 | ----- | 157.5 | ---- | 186.8 | --- |
| Severeen | 190.6 | ----- | 206.7 | -------- | 179.0 | --------- | 199.8 | ----- |
| Aga Einstein | 188.6 | ----- | 201.3 | ------- | 149.2 | --- | 186.7 | --- |
| ES Crossman | 198.2 | ------- | 200.6 | ------ | 159.3 | ----- | 195.6 | ---- |
| Amaroc | 207.9 | --------- | 203.2 | ------- | 170.2 | ------- | 232.2 | --------- |
| RGT Mexxner | 195.9 | ------ | 199.3 | ------ | 176.9 | -------- | 176.8 | -- |
| RGT Bixx | 202.1 | -------- | 194.0 | ----- | 173.4 | ------- | 196.6 | ---- |
| CSM 16204 | 196.5 | ------- | 197.6 | ------ | 163.7 | ------ | 197.3 | ---- |
| DKC 3872 | 201.3 | ------- | 195.9 | ----- | 161.6 | ----- | 187.5 | --- |
| Farmirage | 206.7 | -------- | 188.1 | ---- | 168.1 | ------ | 195.5 | ---- |
| SM F0140 | 190.9 | ------ | 185.3 | --- | 150.4 | --- | 187.6 | --- |
| P8333 | 207.1 | -------- | 211.0 | --------- | 139.1 | - | 200.9 | ----- |
| SY Pandoras | 203.7 | -------- | 185.1 | --- | 174.6 | -------- | 198.7 | ----- |
| Janero | 195.1 | ------ | 178.7 | -- | 156.9 | ---- | 185.2 | --- |
| KXB6141 | 201.8 | ------- | 192.4 | ----- | 174.7 | -------- | 191.4 | ---- |
| KXB6142 | 207.0 | -------- | 194.4 | ----- | 175.4 | -------- | 198.0 | ---- |
| KXB6320 | 164.0 | - | 178.8 | -- | 158.4 | ---- | 189.3 | --- |
| DFI45214 | 171.1 | -- | 187.5 | ---- | 152.8 | --- | 168.4 | - |
| Cranberri CS | 194.5 | ------ | 195.1 | ----- | 156.0 | ---- | 187.2 | --- |
| Benedictio KWS | 191.9 | ------ | 199.1 | ------ | 167.9 | ------ | 202.5 | ----- |
| LG 30.215 | 173.4 | -- | 173.4 | - | 153.3 | --- | 166.8 | - |
| Xxilo | 188.4 | ----- | 178.1 | -- | 172.5 | ------- | 188.2 | --- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 189.3 | ----- | 194.1 | ----- | 167.9 | ------ | 182.5 | --- |
| Versuchs-Mittel | 192.8 | ------ | 193.6 | ----- | 163.8 | ------ | 189.7 | --- |
| | | | | | | | | |
| VK [%] | 4.7 | | 5.3 | | 7.9 | | 6.5 | |
| KGD (5%) | 14.9 | | 16.9 | | 21.2 | | 20.0 | |
| KGD (1%) | 19.9 | | 22.5 | | ns | | 26.6 | |
| Versuchs-Streuung | 9.1 | | 10.4 | | 13.0 | | 12.2 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Rendement en amidon [dt/ha] / Stärke Ertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 83.6 | ---- | 73.2 | ----- | 58.2 | - | 77.8 | -- | 77.3 | --- |
| SY Talisman | 83.8 | ---- | 66.8 | --- | 63.6 | --- | 89.6 | ----- | 85.2 | ----- |
| Gottardo KWS | 85.6 | ----- | 82.3 | ------- | 64.9 | ---- | 89.2 | ----- | 82.9 | ----- |
| SY Telias | 83.6 | ---- | 82.6 | ------- | 71.2 | ------ | 87.4 | ----- | 80.4 | ---- |
| DKC 3440 | 82.9 | ---- | 72.6 | ----- | 68.8 | ----- | 83.6 | ---- | 84.1 | ----- |
| LG 30.248 | 83.4 | ---- | 82.7 | ------- | 58.8 | - | 95.8 | ------- | 71.6 | -- |
| LG 31.235 | 81.3 | --- | 74.2 | ----- | 69.1 | ----- | 81.0 | --- | 76.2 | --- |
| LG 31.259 | 84.3 | ----- | 78.7 | ------ | 60.2 | - | 83.3 | ---- | 82.5 | ----- |
| LG 31.237 | 79.1 | -- | 67.8 | --- | 67.8 | ----- | 79.5 | --- | 82.0 | ---- |
| Severeen | 89.7 | ------- | 74.4 | ----- | 70.8 | ------ | 94.5 | ------- | 86.5 | ------ |
| Aga Einstein | 82.2 | ---- | 68.0 | --- | 62.3 | -- | 88.1 | ----- | 71.4 | -- |
| ES Crossman | 86.3 | ----- | 73.6 | ----- | 70.0 | ------ | 85.7 | ---- | 84.7 | ----- |
| Amaroc | 93.6 | --------- | 71.2 | ---- | 74.7 | -------- | 100.1 | -------- | 97.8 | --------- |
| RGT Mexxner | 77.9 | -- | 69.3 | ---- | 63.8 | --- | 78.4 | -- | 67.4 | - |
| RGT Bixx | 87.4 | ------ | 73.0 | ----- | 70.8 | ------ | 98.8 | -------- | 70.3 | - |
| CSM 16204 | 85.6 | ----- | 65.5 | --- | 67.0 | ----- | 91.1 | ------ | 83.6 | ----- |
| DKC 3872 | 84.0 | ----- | 76.9 | ------ | 64.5 | --- | 90.3 | ------ | 77.8 | --- |
| Farmirage | 90.7 | ------- | 78.1 | ------ | 71.3 | ------ | 94.4 | ------- | 90.5 | ------- |
| SM F0140 | 86.1 | ----- | 77.4 | ------ | 73.6 | ------- | 86.7 | ----- | 83.9 | ----- |
| P8333 | 87.3 | ------ | 72.2 | ----- | 73.5 | ------- | 91.8 | ------ | 87.9 | ------ |
| SY Pandoras | 84.6 | ----- | 76.6 | ------ | 67.5 | ----- | 75.0 | - | 80.9 | ---- |
| Janero | 85.0 | ----- | 86.9 | -------- | 66.4 | ---- | 81.7 | --- | 78.6 | ---- |
| KXB6141 | 89.8 | ------- | 76.5 | ------ | 75.5 | -------- | 101.0 | --------- | 97.7 | --------- |
| KXB6142 | 86.7 | ------ | 62.2 | -- | 76.1 | --------- | 87.3 | ----- | 96.5 | -------- |
| KXB6320 | 82.0 | ---- | 70.7 | ---- | 66.0 | ---- | 90.4 | ------ | 82.6 | ----- |
| DFI45214 | 74.8 | - | 62.6 | -- | 66.2 | ---- | 72.0 | - | 77.5 | --- |
| Cranberri CS | 79.0 | -- | 57.2 | - | 68.5 | ----- | 79.1 | --- | 71.7 | -- |
| Benedictio KWS | 91.0 | -------- | 87.5 | --------- | 76.0 | --------- | 86.2 | ----- | 87.4 | ------ |
| LG 30.215 | 79.4 | --- | 67.7 | --- | 69.3 | ------ | 88.3 | ----- | 70.4 | - |
| Xxilo | 78.9 | -- | 64.0 | -- | 63.4 | --- | 77.8 | -- | 79.2 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 83.1 | ---- | 77.7 | ------ | 63.8 | --- | 89.7 | ----- | 77.8 | --- |
| Versuchs-Mittel | 84.3 | ----- | 73.1 | ----- | 68.0 | ----- | 86.9 | ----- | 81.5 | ---- |
| | | | | | | | | | | |
| VK [%] | 10.9 | | 16.5 | | 9.1 | | 11.4 | | 10.4 | |
| KGD (5%) | 5.2 | | ns | | 10.1 | | 16.2 | | 13.9 | |
| KGD (1%) | 6.9 | | ns | | ns | | ns | | 18.4 | |
| Versuchs-Streuung | 9.2 | | 12.0 | | 6.2 | | 9.9 | | 8.5 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 12742.4 | 29 | 5.18 | *** | 1.49 | 0.0000 |
| Anbauorte | 65389.6 | 7 | 110.10 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 24995.9 | 203 | 1.45 | ns | 1.21 | |
| Fehler | 39366.5 | 464 | | | | |
| Insgesamt | 142494.4 | 703 | | | | |

## Rendement en amidon [dt/ha] / Stärke Ertrag [dt/ha]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 82.2 | ---- | 109.6 | -------- | 91.5 | ------- | 98.6 | ------ |
| SY Talisman | 82.7 | ---- | 102.7 | ------ | 95.1 | -------- | 84.9 | -- |
| Gottardo KWS | 94.5 | ------- | 91.8 | --- | 86.9 | ----- | 92.6 | ---- |
| SY Telias | 88.2 | ------ | 99.2 | ----- | 72.0 | - | 88.2 | --- |
| DKC 3440 | 84.9 | ----- | 96.7 | ----- | 83.2 | ---- | 89.0 | --- |
| LG 30.248 | 88.3 | ------ | 97.6 | ----- | 86.6 | ----- | 85.8 | --- |
| LG 31.235 | 74.6 | -- | 110.7 | -------- | 84.5 | ----- | 80.4 | - |
| LG 31.259 | 86.4 | ----- | 102.3 | ------ | 90.2 | ------ | 91.1 | ---- |
| LG 31.237 | 75.6 | -- | 95.9 | ---- | 81.1 | ---- | 83.0 | -- |
| Severeen | 82.0 | ---- | 113.5 | --------- | 98.1 | --------- | 97.8 | ------ |
| Aga Einstein | 90.7 | ------ | 108.8 | ------- | 78.3 | --- | 90.0 | ---- |
| ES Crossman | 94.8 | -------- | 104.5 | ------ | 79.2 | --- | 97.7 | ----- |
| Amaroc | 95.7 | -------- | 106.9 | ------- | 91.6 | ------- | 110.8 | --------- |
| RGT Mexxner | 79.4 | --- | 91.4 | --- | 96.1 | -------- | 77.6 | - |
| RGT Bixx | 99.0 | --------- | 103.2 | ------ | 89.9 | ------ | 94.2 | ----- |
| CSM 16204 | 93.7 | ------- | 105.9 | ------- | 84.6 | ----- | 93.4 | ---- |
| DKC 3872 | 85.5 | ----- | 101.8 | ------ | 88.0 | ------ | 87.4 | --- |
| Farmirage | 95.6 | -------- | 102.9 | ------ | 90.0 | ------ | 103.0 | ------- |
| SM F0140 | 91.2 | ------- | 102.4 | ------ | 76.6 | -- | 96.8 | ----- |
| P8333 | 92.1 | ------- | 113.4 | --------- | 70.7 | - | 96.9 | ----- |
| SY Pandoras | 97.4 | -------- | 94.1 | ---- | 88.8 | ------ | 96.1 | ----- |
| Janero | 94.3 | ------- | 98.1 | ----- | 79.1 | --- | 95.1 | ----- |
| KXB6141 | 91.7 | ------- | 95.2 | ---- | 87.4 | ----- | 93.2 | ---- |
| KXB6142 | 87.7 | ------ | 92.5 | --- | 94.6 | -------- | 96.6 | ----- |
| KXB6320 | 77.5 | --- | 83.7 | - | 83.1 | ---- | 102.2 | ------- |
| DFI45214 | 68.8 | - | 96.3 | ---- | 77.6 | --- | 77.2 | - |
| Cranberri CS | 82.0 | ---- | 99.2 | ----- | 80.2 | --- | 94.0 | ----- |
| Benedictio KWS | 85.3 | ----- | 108.9 | ------- | 91.4 | ------- | 105.6 | ------- |
| LG 30.215 | 80.5 | ---- | 86.2 | -- | 86.4 | ----- | 86.0 | --- |
| Xxilo | 77.3 | --- | 80.7 | - | 91.9 | ------- | 96.7 | ----- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 86.6 | ----- | 97.2 | ----- | 84.9 | ----- | 87.4 | --- |
| Versuchs-Mittel | 86.7 | ----- | 99.9 | ----- | 85.8 | ----- | 92.7 | ---- |
| | | | | | | | | |
| VK [%] | 10.0 | | 8.2 | | 12.4 | | 9.1 | |
| KGD (5%) | 14.2 | | 13.4 | | ns | | 13.7 | |
| KGD (1%) | 18.9 | | 17.8 | | ns | | 18.3 | |
| Versuchs-Streuung | 8.7 | | 8.2 | | 10.6 | | 8.4 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Digestibilité (NIRS) [g./kg MS] / Gehalt verdauliche organische Substanz (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 699.9 | ----- | 689.3 | ---- | 718.7 | --- | 683.7 | ---- | 675.7 | ---- |
| SY Talisman | 701.2 | ----- | 692.0 | ----- | 727.3 | ----- | 696.7 | ------- | 689.3 | ------ |
| Gottardo KWS | 708.3 | -------- | 717.3 | -------- | 725.0 | ---- | 687.0 | ----- | 687.7 | ------ |
| SY Telias | 705.3 | ------- | 726.3 | --------- | 730.3 | ----- | 700.0 | -------- | 681.0 | ----- |
| DKC 3440 | 699.3 | ----- | 690.7 | ---- | 739.0 | ------- | 676.0 | -- | 687.0 | ------ |
| LG 30.248 | 706.6 | ------- | 719.7 | -------- | 711.7 | - | 703.0 | -------- | 682.0 | ----- |
| LG 31.235 | 705.5 | ------- | 704.3 | ------ | 737.0 | ------- | 702.3 | -------- | 694.7 | ------- |
| LG 31.259 | 699.6 | ----- | 708.3 | ------- | 715.3 | -- | 682.0 | --- | 685.0 | ----- |
| LG 31.237 | 702.0 | ------ | 692.3 | ----- | 731.3 | ----- | 691.0 | ----- | 704.7 | -------- |
| Severeen | 702.4 | ------ | 697.0 | ----- | 730.0 | ----- | 686.7 | ---- | 691.3 | ------ |
| Aga Einstein | 688.7 | - | 668.7 | -- | 712.3 | -- | 685.7 | ---- | 662.7 | -- |
| ES Crossman | 692.2 | -- | 675.3 | --- | 711.7 | - | 680.7 | --- | 696.3 | ------- |
| Amaroc | 701.0 | ----- | 672.0 | -- | 740.7 | ------- | 692.3 | ------ | 696.3 | ------- |
| RGT Mexxner | 699.4 | ----- | 703.3 | ------ | 724.0 | ---- | 688.7 | ----- | 671.0 | --- |
| RGT Bixx | 698.7 | ---- | 671.3 | -- | 733.7 | ------ | 702.3 | -------- | 654.0 | - |
| CSM 16204 | 690.2 | -- | 657.7 | - | 725.7 | ---- | 683.7 | ---- | 686.0 | ------ |
| DKC 3872 | 701.8 | ------ | 684.7 | ---- | 729.3 | ----- | 702.0 | -------- | 680.3 | ----- |
| Farmirage | 700.9 | ----- | 690.3 | ---- | 725.7 | ---- | 683.7 | ---- | 696.3 | ------- |
| SM F0140 | 704.2 | ------ | 701.0 | ------ | 736.0 | ------ | 694.0 | ------ | 687.0 | ------ |
| P8333 | 702.4 | ------ | 688.7 | ---- | 724.7 | ---- | 695.7 | ------- | 697.0 | ------- |
| SY Pandoras | 698.5 | ---- | 690.0 | ---- | 725.3 | ---- | 673.0 | - | 683.7 | ----- |
| Janero | 708.1 | -------- | 718.7 | -------- | 737.0 | ------- | 694.3 | ------ | 689.7 | ------ |
| KXB6141 | 698.7 | ---- | 683.7 | ---- | 722.0 | ---- | 703.7 | -------- | 685.3 | ----- |
| KXB6142 | 694.8 | --- | 662.3 | - | 728.3 | ----- | 685.0 | ---- | 705.7 | --------- |
| KXB6320 | 693.9 | --- | 662.3 | - | 729.0 | ----- | 691.7 | ------ | 676.0 | ---- |
| DFI45214 | 687.2 | - | 675.3 | --- | 723.0 | ---- | 669.7 | - | 678.7 | ---- |
| Cranberri CS | 696.1 | ---- | 668.0 | -- | 719.0 | --- | 687.7 | ----- | 682.0 | ----- |
| Benedictio KWS | 711.0 | --------- | 711.7 | ------- | 747.3 | --------- | 687.7 | ----- | 701.0 | -------- |
| LG 30.215 | 699.9 | ----- | 687.0 | ---- | 727.3 | ----- | 704.7 | --------- | 677.3 | ---- |
| Xxilo | 689.9 | - | 663.0 | - | 707.3 | - | 678.0 | --- | 683.3 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 702.9 | ------ | 705.2 | ------ | 725.3 | ---- | 689.5 | ----- | 684.5 | ----- |
| Versuchs-Mittel | 699.6 | ----- | 689.1 | ---- | 726.5 | ---- | 689.7 | ----- | 685.6 | ----- |
| | | | | | | | | | | |
| VK [%] | 2.8 | | 4.2 | | 2.1 | | 3.0 | | 2.6 | |
| KGD (5%) | 11.1 | | ns | | ns | | ns | | ns | |
| KGD (1%) | 14.6 | | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 19.5 | | 29.0 | | 15.6 | | 20.5 | | 17.8 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 24711.4 | 29 | 2.24 | *** | 1.49 | 0.0008 |
| Anbauorte | 118849.0 | 7 | 44.58 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 74403.4 | 203 | 0.96 | ns | 1.21 | |
| Fehler | 176732.6 | 464 | | | | |
| Insgesamt | 394696.4 | 703 | | | | |

## Digestibilité (NIRS) [g./kg MS] / Gehalt verdauliche organische Substanz (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 685.7 | ---- | 725.7 | -------- | 709.0 | ----- | 711.7 | -------- |
| SY Talisman | 676.3 | --- | 724.0 | -------- | 728.3 | --------- | 675.7 | - |
| Gottardo KWS | 721.7 | --------- | 714.0 | ------ | 708.7 | ----- | 705.3 | ------ |
| SY Telias | 694.0 | ----- | 712.3 | ------ | 703.3 | ---- | 695.3 | ---- |
| DKC 3440 | 688.7 | ---- | 708.7 | ----- | 701.0 | --- | 703.0 | ------ |
| LG 30.248 | 706.3 | ------- | 716.0 | ------- | 712.0 | ----- | 702.3 | ------ |
| LG 31.235 | 678.7 | --- | 721.0 | -------- | 706.0 | ---- | 700.0 | ----- |
| LG 31.259 | 689.0 | ---- | 705.0 | ----- | 716.0 | ------ | 696.3 | ----- |
| LG 31.237 | 689.3 | ---- | 711.0 | ------ | 704.7 | ---- | 691.7 | ---- |
| Severeen | 678.0 | --- | 725.0 | -------- | 717.3 | ------- | 694.0 | ---- |
| Aga Einstein | 696.7 | ----- | 701.3 | ---- | 686.3 | - | 696.0 | ----- |
| ES Crossman | 687.0 | ---- | 701.0 | ---- | 689.7 | - | 696.0 | ----- |
| Amaroc | 697.3 | ----- | 702.7 | ---- | 703.7 | ---- | 703.0 | ------ |
| RGT Mexxner | 687.3 | ---- | 708.7 | ----- | 715.7 | ------ | 696.7 | ----- |
| RGT Bixx | 703.0 | ------ | 710.7 | ------ | 705.7 | ---- | 708.7 | ------- |
| CSM 16204 | 676.7 | --- | 704.0 | ----- | 695.7 | -- | 692.3 | ---- |
| DKC 3872 | 696.3 | ----- | 708.7 | ----- | 718.7 | ------- | 694.7 | ---- |
| Farmirage | 691.3 | ----- | 712.7 | ------ | 701.3 | --- | 705.7 | ------- |
| SM F0140 | 699.3 | ------ | 719.3 | ------- | 687.7 | - | 709.3 | ------- |
| P8333 | 690.0 | ----- | 721.0 | -------- | 694.3 | -- | 708.0 | ------- |
| SY Pandoras | 705.0 | ------ | 705.0 | ----- | 711.7 | ----- | 694.0 | ---- |
| Janero | 696.3 | ----- | 727.3 | --------- | 698.3 | --- | 703.0 | ------ |
| KXB6141 | 698.7 | ------ | 697.0 | --- | 700.3 | --- | 698.7 | ----- |
| KXB6142 | 684.0 | ---- | 686.7 | -- | 705.3 | ---- | 701.3 | ------ |
| KXB6320 | 701.7 | ------ | 680.7 | - | 693.7 | -- | 716.3 | --------- |
| DFI45214 | 659.7 | - | 707.0 | ----- | 701.3 | --- | 683.0 | -- |
| Cranberri CS | 692.3 | ----- | 701.0 | ---- | 710.7 | ----- | 708.0 | ------- |
| Benedictio KWS | 692.0 | ----- | 723.7 | -------- | 714.7 | ------ | 710.0 | ------- |
| LG 30.215 | 688.0 | ---- | 691.0 | -- | 720.0 | ------- | 704.0 | ------ |
| Xxilo | 679.3 | --- | 683.3 | - | 713.7 | ------ | 711.0 | -------- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 697.5 | ----- | 712.3 | ------ | 706.5 | ---- | 702.7 | ------ |
| Versuchs-Mittel | 691.0 | ----- | 708.5 | ----- | 705.8 | ---- | 700.5 | ----- |
| | | | | | | | | |
| VK [%] | 2.5 | | 2.1 | | 2.9 | | 2.4 | |
| KGD (5%) | ns | | 23.9 | | ns | | ns | |
| KGD (1%) | ns | | 31.8 | | ns | | ns | |
| Versuchs-Streuung | 17.2 | | 14.6 | | 20.8 | | 16.8 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Teneur en amidon (NIRS) [g./kg MS] / Stärkegehalt (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 344.8 | ---- | 334.3 | ---- | 353.7 | - | 309.7 | - | 347.3 | ----- |
| SY Talisman | 349.9 | ----- | 326.7 | ---- | 384.7 | ---- | 353.0 | ----- | 354.3 | ------ |
| Gottardo KWS | 369.2 | -------- | 376.3 | -------- | 366.3 | --- | 359.0 | ------ | 361.7 | ------- |
| SY Telias | 359.7 | ------- | 389.7 | --------- | 402.3 | ------ | 363.0 | ------ | 350.3 | ------ |
| DKC 3440 | 348.1 | ----- | 319.7 | --- | 400.0 | ------ | 329.3 | --- | 355.0 | ------ |
| LG 30.248 | 341.3 | ---- | 359.7 | ------ | 344.3 | - | 358.0 | ------ | 310.0 | -- |
| LG 31.235 | 349.7 | ----- | 352.3 | ------ | 391.7 | ----- | 350.0 | ----- | 345.0 | ----- |
| LG 31.259 | 342.1 | ---- | 355.7 | ------ | 361.3 | -- | 326.0 | --- | 339.0 | ----- |
| LG 31.237 | 334.0 | -- | 320.0 | --- | 388.7 | ----- | 326.3 | --- | 338.7 | ----- |
| Severeen | 358.5 | ------- | 340.3 | ----- | 389.3 | ----- | 357.3 | ------ | 359.0 | ------ |
| Aga Einstein | 342.3 | ---- | 317.3 | --- | 364.3 | -- | 344.7 | ----- | 309.0 | -- |
| ES Crossman | 348.2 | ----- | 330.0 | ---- | 376.0 | --- | 341.0 | ---- | 354.3 | ------ |
| Amaroc | 357.3 | ------ | 312.0 | -- | 420.3 | ------- | 363.7 | ------ | 357.3 | ------ |
| RGT Mexxner | 325.0 | - | 331.0 | ---- | 355.7 | -- | 322.3 | --- | 293.3 | - |
| RGT Bixx | 356.7 | ------ | 342.0 | ----- | 389.7 | ----- | 370.3 | ------- | 323.3 | --- |
| CSM 16204 | 341.4 | ---- | 288.7 | - | 373.7 | --- | 332.3 | ---- | 350.3 | ------ |
| DKC 3872 | 348.4 | ----- | 356.0 | ------ | 369.0 | --- | 351.7 | ----- | 332.0 | ---- |
| Farmirage | 369.2 | -------- | 366.3 | ------- | 391.3 | ----- | 356.0 | ------ | 382.7 | --------- |
| SM F0140 | 369.8 | --------- | 372.7 | ------- | 418.7 | ------- | 351.0 | ----- | 366.7 | ------- |
| P8333 | 349.6 | ----- | 330.3 | ---- | 382.3 | ---- | 343.0 | ---- | 352.3 | ------ |
| SY Pandoras | 350.1 | ----- | 349.0 | ----- | 387.7 | ----- | 323.0 | --- | 347.0 | ----- |
| Janero | 368.1 | -------- | 380.7 | -------- | 394.3 | ----- | 359.0 | ------ | 361.3 | ------- |
| KXB6141 | 353.3 | ------ | 334.0 | ---- | 393.0 | ----- | 363.0 | ------ | 382.3 | --------- |
| KXB6142 | 340.2 | --- | 296.3 | - | 387.0 | ---- | 321.7 | --- | 376.0 | -------- |
| KXB6320 | 353.7 | ------ | 311.7 | -- | 405.3 | ------ | 355.7 | ------ | 356.3 | ------ |
| DFI45214 | 332.5 | -- | 337.7 | ---- | 381.3 | ---- | 300.7 | - | 342.7 | ----- |
| Cranberri CS | 340.5 | --- | 302.3 | -- | 390.3 | ----- | 325.0 | --- | 337.3 | ----- |
| Benedictio KWS | 369.1 | -------- | 361.3 | ------ | 432.7 | --------- | 328.3 | --- | 369.7 | ------- |
| LG 30.215 | 363.3 | ------- | 343.3 | ----- | 420.3 | ------- | 387.7 | --------- | 323.3 | --- |
| Xxilo | 332.1 | -- | 301.0 | -- | 358.7 | -- | 322.3 | --- | 340.3 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 344.7 | ---- | 339.7 | ----- | 372.2 | --- | 343.7 | ----- | 332.5 | ---- |
| Versuchs-Mittel | 350.3 | ----- | 337.9 | ----- | 385.8 | ---- | 343.1 | ----- | 347.3 | ----- |
| | | | | | | | | | | |
| VK [%] | 8.3 | | 11.6 | | 5.8 | | 8.9 | | 7.7 | |
| KGD (5%) | 16.4 | | ns | | 36.7 | | ns | | 43.8 | |
| KGD (1%) | 21.6 | | ns | | 48.8 | | ns | | ns | |
| Versuchs-Streuung | 29.0 | | 39.2 | | 22.4 | | 30.4 | | 26.8 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 102905.7 | 29 | 4.22 | *** | 1.49 | 0.0000 |
| Anbauorte | 330298.2 | 7 | 56.14 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 237817.0 | 203 | 1.39 | ns | 1.21 | |
| Fehler | 389971.7 | 464 | | | | |
| Insgesamt | 1060992.6 | 703 | | | | |

## Teneur en amidon (NIRS) [g./kg MS] / Stärkegehalt (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 290.7 | -- | 388.3 | -------- | 378.0 | ----- | 356.0 | ------ |
| SY Talisman | 294.3 | --- | 374.0 | ------ | 399.7 | -------- | 312.7 | - |
| Gottardo KWS | 379.3 | --------- | 365.3 | ------ | 389.3 | ------- | 356.3 | ------ |
| SY Telias | 320.7 | ---- | 374.7 | ------ | 335.0 | - | 341.7 | ---- |
| DKC 3440 | 321.0 | ----- | 363.0 | ----- | 347.3 | -- | 349.3 | ----- |
| LG 30.248 | 317.3 | ---- | 350.3 | ---- | 367.7 | ---- | 323.3 | -- |
| LG 31.235 | 274.7 | - | 389.3 | -------- | 367.0 | ---- | 327.3 | --- |
| LG 31.259 | 294.0 | --- | 354.7 | ----- | 375.0 | ----- | 331.0 | --- |
| LG 31.237 | 278.7 | -- | 348.7 | ---- | 363.3 | ---- | 307.7 | - |
| Severeen | 292.0 | -- | 398.3 | --------- | 393.0 | ------- | 339.0 | ---- |
| Aga Einstein | 337.0 | ------ | 379.0 | ------- | 352.3 | --- | 334.7 | --- |
| ES Crossman | 328.7 | ----- | 365.0 | ------ | 343.3 | -- | 347.3 | ----- |
| Amaroc | 321.0 | ----- | 369.7 | ------ | 379.0 | ------ | 335.0 | --- |
| RGT Mexxner | 278.3 | -- | 324.7 | -- | 388.7 | ------- | 305.7 | - |
| RGT Bixx | 344.7 | ------ | 378.0 | ------- | 366.0 | ---- | 339.7 | ---- |
| CSM 16204 | 321.3 | ----- | 377.7 | ------- | 359.7 | --- | 327.7 | --- |
| DKC 3872 | 296.0 | --- | 368.3 | ------ | 390.3 | ------- | 323.7 | -- |
| Farmirage | 320.0 | ---- | 389.7 | -------- | 375.3 | ----- | 372.0 | ------- |
| SM F0140 | 334.0 | ----- | 397.0 | -------- | 351.3 | -- | 367.0 | ------- |
| P8333 | 307.0 | ---- | 387.7 | -------- | 352.3 | --- | 341.7 | ---- |
| SY Pandoras | 337.0 | ------ | 358.0 | ----- | 361.0 | ---- | 338.3 | ---- |
| Janero | 336.7 | ------ | 399.0 | --------- | 352.7 | --- | 361.0 | ------ |
| KXB6141 | 317.7 | ---- | 344.7 | ---- | 350.7 | -- | 341.0 | ---- |
| KXB6142 | 290.7 | -- | 326.3 | -- | 380.3 | ------ | 343.0 | ---- |
| KXB6320 | 331.3 | ----- | 318.7 | - | 364.0 | ---- | 386.7 | --------- |
| DFI45214 | 265.0 | - | 363.3 | ----- | 356.0 | --- | 313.3 | - |
| Cranberri CS | 292.0 | -- | 357.0 | ----- | 364.7 | ---- | 355.0 | ----- |
| Benedictio KWS | 307.7 | ---- | 395.0 | -------- | 388.0 | ------- | 370.3 | ------- |
| LG 30.215 | 319.3 | ---- | 344.0 | ---- | 405.3 | --------- | 362.7 | ------ |
| Xxilo | 278.7 | -- | 310.0 | - | 380.0 | ------ | 366.0 | ------- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 319.2 | ---- | 356.7 | ----- | 357.5 | --- | 336.3 | ---- |
| Versuchs-Mittel | 310.9 | ---- | 365.3 | ------ | 369.2 | ---- | 342.5 | ---- |
| | | | | | | | | |
| VK [%] | 9.1 | | 6.2 | | 8.9 | | 7.5 | |
| KGD (5%) | 46.0 | | 36.8 | | ns | | 42.0 | |
| KGD (1%) | 61.2 | | 49.0 | | ns | | ns | |
| Versuchs-Streuung | 28.1 | | 22.5 | | 32.9 | | 25.7 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Teneur en cellulose brute (NIRS) [g./kg MS] / Rohfasergehalt (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 168.9 | ------ | 146.3 | ----- | 174.0 | ---------- | 175.3 | -------- | 172.7 | ---- |
| SY Talisman | 167.9 | ----- | 151.7 | ------ | 160.7 | ----- | 166.3 | ----- | 173.0 | ---- |
| Gottardo KWS | 159.5 | -- | 132.7 | -- | 167.3 | ------- | 165.7 | ----- | 169.3 | --- |
| SY Telias | 163.3 | --- | 123.0 | - | 154.7 | ---- | 162.3 | ---- | 174.0 | ---- |
| DKC 3440 | 168.0 | ----- | 150.3 | ------ | 157.3 | ----- | 175.0 | -------- | 170.0 | --- |
| LG 30.248 | 169.4 | ------ | 136.3 | --- | 172.0 | -------- | 163.3 | ---- | 184.7 | ------- |
| LG 31.235 | 169.2 | ------ | 138.7 | --- | 162.3 | ------ | 164.7 | ----- | 175.0 | ---- |
| LG 31.259 | 171.0 | ------- | 139.3 | ---- | 170.7 | -------- | 178.0 | --------- | 175.3 | ---- |
| LG 31.237 | 174.2 | -------- | 159.0 | ------- | 161.0 | ----- | 172.7 | ------- | 176.7 | ----- |
| Severeen | 169.1 | ------ | 152.3 | ------ | 162.7 | ------ | 167.7 | ------ | 170.3 | --- |
| Aga Einstein | 169.6 | ------ | 150.7 | ------ | 166.0 | ------- | 168.7 | ------ | 186.7 | ------- |
| ES Crossman | 166.6 | ----- | 148.3 | ----- | 162.7 | ------ | 165.3 | ----- | 169.7 | --- |
| Amaroc | 162.9 | --- | 149.3 | ----- | 146.0 | -- | 164.3 | ----- | 169.3 | --- |
| RGT Mexxner | 175.5 | --------- | 144.3 | ---- | 170.3 | -------- | 176.0 | -------- | 193.0 | --------- |
| RGT Bixx | 166.1 | ---- | 143.7 | ---- | 162.0 | ------ | 159.7 | --- | 183.7 | ------ |
| CSM 16204 | 170.0 | ------ | 167.0 | --------- | 158.7 | ----- | 170.0 | ------ | 170.7 | --- |
| DKC 3872 | 167.2 | ----- | 140.0 | ---- | 164.0 | ------ | 161.0 | ---- | 179.0 | ----- |
| Farmirage | 159.4 | - | 134.3 | --- | 159.3 | ----- | 158.0 | --- | 159.0 | - |
| SM F0140 | 157.7 | - | 129.7 | -- | 145.7 | -- | 162.0 | ---- | 166.7 | -- |
| P8333 | 170.7 | ------ | 155.3 | ------ | 164.0 | ------ | 168.3 | ------ | 174.3 | ---- |
| SY Pandoras | 165.4 | ---- | 142.7 | ---- | 159.0 | ----- | 172.0 | ------- | 176.0 | ----- |
| Janero | 162.3 | --- | 130.7 | -- | 160.7 | ----- | 162.7 | ---- | 169.0 | --- |
| KXB6141 | 163.9 | --- | 152.0 | ------ | 157.0 | ---- | 155.0 | -- | 159.3 | - |
| KXB6142 | 168.3 | ----- | 164.0 | -------- | 160.3 | ----- | 167.7 | ------ | 162.0 | - |
| KXB6320 | 165.3 | ---- | 155.0 | ------ | 156.3 | ---- | 165.7 | ----- | 170.7 | --- |
| DFI45214 | 169.3 | ------ | 141.0 | ---- | 160.7 | ----- | 172.0 | ------- | 172.7 | ---- |
| Cranberri CS | 169.7 | ------ | 164.3 | -------- | 157.0 | ---- | 167.3 | ------ | 175.3 | ---- |
| Benedictio KWS | 157.4 | - | 136.0 | --- | 141.3 | - | 164.0 | ----- | 163.0 | -- |
| LG 30.215 | 158.9 | - | 143.7 | ---- | 146.3 | -- | 149.7 | - | 181.0 | ------ |
| Xxilo | 171.5 | ------- | 164.0 | -------- | 169.7 | -------- | 174.3 | -------- | 174.0 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 168.7 | ------ | 143.3 | ---- | 164.7 | ------ | 169.2 | ------ | 177.3 | ----- |
| Versuchs-Mittel | 166.6 | ----- | 146.2 | ----- | 160.3 | ----- | 166.5 | ----- | 173.2 | ---- |
| | | | | | | | | | | |
| VK [%] | 6.8 | | 10.8 | | 5.1 | | 7.3 | | 5.8 | |
| KGD (5%) | 6.9 | | ns | | 13.5 | | ns | | 16.3 | |
| KGD (1%) | 9.0 | | ns | | 17.9 | | ns | | ns | |
| Versuchs-Streuung | 11.3 | | 15.8 | | 8.2 | | 12.2 | | 10.0 | |
| FG Fehlerterm | 406.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 13557.6 | 29 | 3.65 | *** | 1.50 | 0.0001 |
| Anbauorte | 67437.0 | 6 | 87.85 | *** | 2.12 | 0.0000 |
| WW Verf.*Anb.Orte | 28385.7 | 174 | 1.28 | ns | 1.23 | |
| Fehler | 51940.8 | 406 | | | | |
| Insgesamt | 161321.2 | 615 | | | | |

## Teneur en cellulose brute (NIRS) [g./kg MS] / Rohfasergehalt (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|
| ES Albatros | 182.0 | ----- | 165.0 | ---- | 167.0 | --- |
| SY Talisman | 184.7 | ------ | 156.0 | - | 183.0 | ------- |
| Gottardo KWS | 156.3 | - | 158.0 | -- | 167.3 | --- |
| SY Telias | 179.0 | ----- | 177.7 | --------- | 172.3 | ---- |
| DKC 3440 | 180.7 | ----- | 174.0 | ------- | 168.7 | --- |
| LG 30.248 | 183.0 | ----- | 168.7 | ------ | 177.7 | ----- |
| LG 31.235 | 200.3 | --------- | 167.7 | ----- | 175.7 | ----- |
| LG 31.259 | 193.0 | ------- | 166.0 | ----- | 175.0 | ----- |
| LG 31.237 | 196.3 | -------- | 168.0 | ----- | 185.7 | -------- |
| Severeen | 194.7 | -------- | 160.0 | --- | 176.3 | ----- |
| Aga Einstein | 171.0 | --- | 172.0 | ------- | 172.0 | ---- |
| ES Crossman | 177.0 | ---- | 175.0 | -------- | 168.3 | --- |
| Amaroc | 171.7 | --- | 165.0 | ---- | 174.7 | ----- |
| RGT Mexxner | 194.7 | -------- | 160.3 | --- | 189.7 | --------- |
| RGT Bixx | 171.0 | --- | 168.0 | ----- | 175.0 | ----- |
| CSM 16204 | 177.0 | ---- | 170.0 | ------ | 176.7 | ----- |
| DKC 3872 | 189.0 | ------- | 157.3 | -- | 180.0 | ------ |
| Farmirage | 176.0 | ---- | 164.3 | ---- | 165.0 | -- |
| SM F0140 | 169.0 | --- | 168.7 | ------ | 162.3 | - |
| P8333 | 184.0 | ------ | 173.3 | ------- | 175.7 | ----- |
| SY Pandoras | 165.3 | -- | 171.0 | ------ | 171.7 | ---- |
| Janero | 173.7 | ---- | 172.7 | ------- | 167.0 | --- |
| KXB6141 | 181.3 | ----- | 173.0 | ------- | 169.3 | --- |
| KXB6142 | 190.7 | ------- | 161.0 | --- | 172.7 | ---- |
| KXB6320 | 178.7 | ----- | 171.3 | ------ | 159.7 | - |
| DFI45214 | 190.3 | ------- | 169.0 | ------ | 179.7 | ------ |
| Cranberri CS | 189.3 | ------- | 166.3 | ----- | 168.3 | --- |
| Benedictio KWS | 175.7 | ---- | 159.3 | -- | 162.7 | - |
| LG 30.215 | 173.7 | ---- | 153.7 | - | 164.3 | -- |
| Xxilo | 191.0 | ------- | 161.7 | --- | 166.0 | -- |
| | | | | | | |
| -Bezugsgrösse(n) | 181.8 | ----- | 171.3 | ------ | 173.2 | ---- |
| Versuchs-Mittel | 181.3 | ----- | 166.5 | ----- | 172.3 | ---- |
| | | | | | | |
| VK [%] | 6.1 | | 6.8 | | 5.3 | |
| KGD (5%) | 18.0 | | ns | | 14.8 | |
| KGD (1%) | 23.9 | | ns | | ns | |
| Versuchs-Streuung | 11.0 | | 11.3 | | 9.0 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## NDF (NIRS) [g./kg MS] / Zellwandanteil (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 382.1 | ----- | 377.0 | ----- | 388.7 | --------- | 389.3 | ------- | 383.7 | --- |
| SY Talisman | 393.5 | ------- | 409.3 | -------- | 351.7 | ----- | 377.3 | ------ | 405.0 | ----- |
| Gottardo KWS | 374.4 | ---- | 364.0 | ---- | 372.3 | ------- | 379.0 | ------ | 389.3 | ---- |
| SY Telias | 379.9 | ----- | 346.0 | --- | 346.0 | ---- | 364.3 | ---- | 402.0 | ----- |
| DKC 3440 | 387.5 | ------ | 389.0 | ------ | 363.0 | ------ | 399.0 | -------- | 393.3 | ---- |
| LG 30.248 | 391.0 | ------- | 367.3 | ---- | 378.0 | -------- | 359.0 | ---- | 424.0 | ------- |
| LG 31.235 | 387.5 | ------ | 365.3 | ---- | 371.3 | ------- | 379.7 | ------ | 397.0 | ----- |
| LG 31.259 | 398.0 | -------- | 380.3 | ----- | 374.7 | ------- | 401.0 | --------- | 413.7 | ------ |
| LG 31.237 | 399.4 | -------- | 397.3 | ------- | 370.0 | ------- | 400.3 | --------- | 402.0 | ----- |
| Severeen | 383.6 | ----- | 392.3 | ------ | 345.0 | ---- | 383.7 | ------ | 389.3 | ---- |
| Aga Einstein | 385.3 | ------ | 383.0 | ------ | 366.0 | ------ | 383.7 | ------ | 420.3 | ------- |
| ES Crossman | 381.1 | ----- | 390.0 | ------ | 349.7 | ----- | 368.3 | ----- | 388.0 | ---- |
| Amaroc | 379.7 | ----- | 393.0 | ------- | 335.7 | --- | 377.3 | ------ | 387.3 | ---- |
| RGT Mexxner | 403.3 | --------- | 394.7 | ------- | 370.0 | ------- | 397.7 | -------- | 442.0 | --------- |
| RGT Bixx | 379.3 | ----- | 358.7 | ---- | 357.3 | ----- | 366.7 | ---- | 417.7 | ------ |
| CSM 16204 | 380.5 | ----- | 418.0 | --------- | 340.3 | ---- | 368.3 | ----- | 394.3 | ---- |
| DKC 3872 | 390.4 | ------ | 355.0 | --- | 363.7 | ------ | 385.3 | ------- | 410.7 | ------ |
| Farmirage | 359.4 | - | 347.3 | --- | 338.7 | --- | 349.7 | -- | 364.0 | -- |
| SM F0140 | 355.3 | - | 322.7 | - | 318.7 | - | 355.0 | --- | 380.7 | --- |
| P8333 | 386.6 | ------ | 390.3 | ------ | 358.0 | ----- | 385.7 | ------- | 399.0 | ----- |
| SY Pandoras | 379.8 | ----- | 360.7 | ---- | 344.3 | ---- | 374.3 | ----- | 403.7 | ----- |
| Janero | 365.8 | -- | 343.0 | -- | 347.7 | ---- | 359.0 | ---- | 376.3 | --- |
| KXB6141 | 374.5 | ---- | 378.7 | ----- | 335.0 | --- | 361.3 | ---- | 353.0 | - |
| KXB6142 | 388.1 | ------ | 410.3 | -------- | 358.0 | ----- | 378.7 | ------ | 371.7 | -- |
| KXB6320 | 376.7 | ---- | 389.7 | ------ | 338.3 | --- | 372.3 | ----- | 371.0 | -- |
| DFI45214 | 384.5 | ----- | 357.7 | ---- | 345.3 | ---- | 383.0 | ------ | 391.3 | ---- |
| Cranberri CS | 387.6 | ------ | 406.0 | -------- | 350.7 | ----- | 370.7 | ----- | 383.0 | --- |
| Benedictio KWS | 363.1 | -- | 365.3 | ---- | 311.0 | - | 378.3 | ------ | 365.7 | -- |
| LG 30.215 | 368.5 | --- | 369.0 | ---- | 313.7 | - | 335.0 | - | 394.0 | ---- |
| Xxilo | 398.1 | -------- | 415.7 | -------- | 368.7 | ------- | 395.0 | -------- | 394.0 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 389.3 | ------ | 378.2 | ----- | 370.5 | ------- | 379.0 | ------ | 408.7 | ------ |
| Versuchs-Mittel | 382.1 | ----- | 377.9 | ----- | 352.4 | ----- | 375.9 | ------ | 393.6 | ---- |
| | | | | | | | | | | |
| VK [%] | 6.0 | | 7.5 | | 5.3 | | 6.8 | | 5.8 | |
| KGD (5%) | 13.1 | | 46.5 | | 30.6 | | ns | | 37.3 | |
| KGD (1%) | 17.2 | | 61.8 | | 40.7 | | ns | | 49.6 | |
| Versuchs-Streuung | 23.1 | | 28.4 | | 18.7 | | 25.5 | | 22.8 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 93961.3 | 29 | 6.08 | *** | 1.49 | 0.0000 |
| Anbauorte | 177874.1 | 7 | 47.65 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 146416.3 | 203 | 1.35 | ns | 1.21 | |
| Fehler | 247447.4 | 464 | | | | |
| Insgesamt | 665699.1 | 703 | | | | |

## NDF (NIRS) [g./kg MS] / Zellwandanteil (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 412.0 | ------ | 359.0 | -- | 370.7 | --- | 376.3 | -- |
| SY Talisman | 440.0 | --------- | 376.7 | ---- | 363.7 | -- | 424.0 | -------- |
| Gottardo KWS | 363.3 | - | 380.0 | ---- | 352.3 | - | 394.7 | ----- |
| SY Telias | 414.0 | ------ | 370.3 | --- | 399.3 | ------- | 397.3 | ----- |
| DKC 3440 | 404.7 | ----- | 370.7 | --- | 379.0 | ---- | 401.7 | ----- |
| LG 30.248 | 410.3 | ----- | 391.7 | ----- | 399.7 | ------- | 397.7 | ----- |
| LG 31.235 | 440.7 | --------- | 364.3 | --- | 379.0 | ---- | 402.3 | ------ |
| LG 31.259 | 436.3 | -------- | 388.0 | ----- | 393.0 | ------ | 396.7 | ----- |
| LG 31.237 | 437.3 | -------- | 386.0 | ----- | 382.0 | ----- | 420.0 | -------- |
| Severeen | 421.7 | ------- | 366.3 | --- | 371.0 | --- | 399.7 | ----- |
| Aga Einstein | 383.0 | --- | 359.3 | -- | 386.7 | ----- | 400.3 | ----- |
| ES Crossman | 398.7 | ---- | 364.0 | --- | 411.0 | --------- | 379.3 | --- |
| Amaroc | 388.0 | --- | 368.3 | --- | 379.7 | ---- | 408.0 | ------ |
| RGT Mexxner | 437.0 | -------- | 402.3 | ------- | 361.0 | -- | 421.7 | -------- |
| RGT Bixx | 380.7 | -- | 371.7 | --- | 382.3 | ----- | 399.3 | ----- |
| CSM 16204 | 392.7 | ---- | 364.7 | --- | 371.0 | --- | 395.0 | ----- |
| DKC 3872 | 426.7 | ------- | 374.7 | ---- | 380.3 | ---- | 426.7 | --------- |
| Farmirage | 384.0 | --- | 355.3 | -- | 365.0 | -- | 371.0 | -- |
| SM F0140 | 384.0 | --- | 344.3 | - | 372.7 | --- | 364.3 | - |
| P8333 | 408.3 | ----- | 367.0 | --- | 391.7 | ------ | 393.0 | ---- |
| SY Pandoras | 384.0 | --- | 376.0 | ---- | 391.3 | ------ | 404.0 | ------ |
| Janero | 384.7 | --- | 344.0 | - | 381.0 | ----- | 390.3 | ---- |
| KXB6141 | 404.3 | ----- | 371.3 | --- | 407.3 | -------- | 385.3 | --- |
| KXB6142 | 424.3 | ------- | 395.7 | ------ | 365.0 | -- | 401.3 | ----- |
| KXB6320 | 394.3 | ---- | 396.3 | ------ | 388.7 | ------ | 363.0 | - |
| DFI45214 | 426.3 | ------- | 379.3 | ---- | 380.3 | ---- | 413.0 | ------- |
| Cranberri CS | 424.7 | ------- | 387.3 | ----- | 386.0 | ----- | 392.3 | ---- |
| Benedictio KWS | 399.0 | ---- | 357.0 | -- | 353.3 | - | 375.0 | -- |
| LG 30.215 | 403.7 | ----- | 388.3 | ----- | 363.0 | -- | 381.7 | --- |
| Xxilo | 429.7 | ------- | 422.0 | --------- | 373.7 | ---- | 386.0 | --- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 407.5 | ----- | 381.2 | ---- | 389.3 | ------ | 399.7 | ----- |
| Versuchs-Mittel | 407.9 | ----- | 374.7 | ---- | 379.4 | ---- | 395.4 | ----- |
| | | | | | | | | |
| VK [%] | 6.0 | | 5.7 | | 6.1 | | 4.8 | |
| KGD (5%) | 39.7 | | 34.9 | | ns | | 30.9 | |
| KGD (1%) | 52.8 | | ns | | ns | | 41.1 | |
| Versuchs-Streuung | 24.3 | | 21.4 | | 23.1 | | 18.9 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## Teneur en protéines (NIRS) [g./kg MS] / Proteingehalt (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 66.3 | ------ | 65.0 | ------ | 68.0 | --- | 65.0 | ----- | 64.3 | ------- |
| SY Talisman | 62.3 | --- | 58.7 | - | 73.0 | ------ | 67.3 | ------ | 58.0 | -- |
| Gottardo KWS | 65.2 | ----- | 61.0 | --- | 72.7 | ------ | 65.3 | ----- | 62.3 | ----- |
| SY Telias | 64.9 | ----- | 65.0 | ------ | 70.0 | ---- | 66.3 | ----- | 60.0 | ---- |
| DKC 3440 | 62.4 | --- | 61.3 | --- | 68.3 | --- | 62.7 | ---- | 57.3 | -- |
| LG 30.248 | 64.0 | ---- | 62.0 | --- | 70.0 | ---- | 67.0 | ------ | 59.7 | ---- |
| LG 31.235 | 62.5 | --- | 61.7 | --- | 65.0 | - | 65.0 | ----- | 61.7 | ----- |
| LG 31.259 | 62.7 | --- | 63.0 | ---- | 68.3 | --- | 63.7 | ---- | 59.0 | --- |
| LG 31.237 | 64.3 | ---- | 60.7 | -- | 69.3 | ---- | 63.3 | ---- | 62.0 | ----- |
| Severeen | 66.0 | ------ | 64.0 | ----- | 73.3 | ------- | 65.7 | ----- | 65.7 | -------- |
| Aga Einstein | 65.4 | ----- | 63.7 | ----- | 72.3 | ------ | 67.0 | ------ | 60.3 | ---- |
| ES Crossman | 66.5 | ------ | 61.3 | --- | 74.3 | ------- | 68.0 | ------ | 63.7 | ------ |
| Amaroc | 63.0 | --- | 60.7 | -- | 69.7 | ---- | 63.0 | ---- | 59.7 | ---- |
| RGT Mexxner | 65.2 | ----- | 58.7 | - | 73.3 | ------- | 66.7 | ----- | 60.7 | ---- |
| RGT Bixx | 64.2 | ---- | 61.0 | --- | 72.3 | ------ | 63.7 | ---- | 59.0 | --- |
| CSM 16204 | 63.7 | ---- | 58.3 | - | 70.7 | ----- | 65.7 | ----- | 60.0 | ---- |
| DKC 3872 | 59.5 | - | 58.7 | - | 66.0 | - | 55.3 | - | 55.3 | - |
| Farmirage | 66.5 | ------ | 64.0 | ----- | 73.3 | ------- | 66.0 | ----- | 63.3 | ------ |
| SM F0140 | 67.0 | ------- | 67.0 | ------- | 74.3 | ------- | 68.7 | ------ | 58.7 | --- |
| P8333 | 67.1 | ------- | 63.7 | ----- | 75.7 | -------- | 65.7 | ----- | 62.0 | ----- |
| SY Pandoras | 67.8 | ------- | 63.7 | ----- | 75.3 | -------- | 71.7 | -------- | 61.3 | ----- |
| Janero | 69.7 | --------- | 69.0 | --------- | 75.3 | -------- | 70.7 | ------- | 67.0 | --------- |
| KXB6141 | 65.0 | ----- | 61.3 | --- | 73.7 | ------- | 66.0 | ----- | 62.7 | ------ |
| KXB6142 | 63.3 | ---- | 62.3 | ---- | 68.3 | --- | 64.0 | ---- | 62.0 | ----- |
| KXB6320 | 65.8 | ------ | 61.7 | --- | 74.7 | -------- | 66.3 | ----- | 64.3 | ------- |
| DFI45214 | 64.3 | ---- | 62.7 | ---- | 74.7 | -------- | 65.7 | ----- | 61.0 | ---- |
| Cranberri CS | 65.6 | ----- | 64.0 | ----- | 72.3 | ------ | 72.3 | -------- | 64.7 | ------- |
| Benedictio KWS | 64.1 | ---- | 60.3 | -- | 71.7 | ----- | 64.3 | ---- | 63.7 | ------ |
| LG 30.215 | 68.0 | ------- | 63.3 | ---- | 76.0 | --------- | 74.0 | --------- | 65.0 | ------- |
| Xxilo | 64.4 | ---- | 60.0 | -- | 72.0 | ------ | 66.3 | ----- | 62.3 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 63.2 | ---- | 61.7 | --- | 69.2 | ---- | 64.8 | ----- | 58.5 | --- |
| Versuchs-Mittel | 64.9 | ----- | 62.3 | ---- | 71.8 | ------ | 66.1 | ----- | 61.6 | ----- |
| | | | | | | | | | | |
| VK [%] | 4.5 | | 5.2 | | 3.4 | | 3.9 | | 3.7 | |
| KGD (5%) | 1.7 | | 5.3 | | 4.0 | | 4.2 | | 3.8 | |
| KGD (1%) | 2.2 | | ns | | 5.3 | | 5.6 | | 5.0 | |
| Versuchs-Streuung | 3.0 | | 3.2 | | 2.4 | | 2.6 | | 2.3 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 2987.3 | 29 | 11.82 | *** | 1.49 | 0.0000 |
| Anbauorte | 7241.0 | 7 | 118.69 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 2832.8 | 203 | 1.60 | ns | 1.21 | |
| Fehler | 4043.9 | 464 | | | | |
| Insgesamt | 17105.0 | 703 | | | | |

## Teneur en protéines (NIRS) [g./kg MS] / Proteingehalt (NIRS) [g./kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 62.7 | ----- | 72.7 | -------- | 64.7 | ------ | 67.7 | -------- |
| SY Talisman | 54.0 | - | 66.3 | --- | 61.7 | --- | 59.0 | - |
| Gottardo KWS | 63.0 | ----- | 67.7 | ---- | 68.3 | --------- | 61.3 | --- |
| SY Telias | 63.3 | ------ | 68.7 | ----- | 63.3 | ---- | 62.7 | ---- |
| DKC 3440 | 60.7 | ---- | 66.7 | ---- | 63.3 | ---- | 59.0 | - |
| LG 30.248 | 62.7 | ----- | 65.0 | -- | 59.7 | - | 65.7 | ------- |
| LG 31.235 | 57.7 | --- | 65.3 | --- | 63.0 | ---- | 60.3 | -- |
| LG 31.259 | 60.3 | ---- | 64.7 | -- | 60.3 | -- | 62.3 | ---- |
| LG 31.237 | 63.7 | ------ | 68.3 | ----- | 62.7 | ---- | 64.0 | ----- |
| Severeen | 64.0 | ------ | 67.3 | ---- | 63.7 | ----- | 64.0 | ----- |
| Aga Einstein | 68.3 | -------- | 71.0 | ------- | 60.0 | -- | 60.7 | --- |
| ES Crossman | 65.7 | ------- | 72.3 | -------- | 58.7 | - | 68.0 | --------- |
| Amaroc | 64.7 | ------ | 65.0 | -- | 61.0 | --- | 60.3 | -- |
| RGT Mexxner | 63.7 | ------ | 68.3 | ----- | 66.3 | ------- | 63.7 | ----- |
| RGT Bixx | 65.0 | ------ | 67.0 | ---- | 61.0 | --- | 64.3 | ------ |
| CSM 16204 | 62.7 | ----- | 65.0 | -- | 62.7 | ---- | 64.7 | ------ |
| DKC 3872 | 56.3 | -- | 62.7 | - | 63.0 | ---- | 58.3 | - |
| Farmirage | 66.3 | ------- | 70.0 | ------ | 64.7 | ------ | 64.7 | ------ |
| SM F0140 | 64.7 | ------ | 70.7 | ------- | 65.3 | ------ | 66.7 | ------- |
| P8333 | 67.7 | -------- | 69.3 | ------ | 65.3 | ------ | 67.3 | -------- |
| SY Pandoras | 69.0 | --------- | 71.0 | ------- | 65.7 | ------ | 65.0 | ------ |
| Janero | 67.0 | -------- | 73.0 | --------- | 67.3 | -------- | 68.0 | --------- |
| KXB6141 | 63.0 | ----- | 66.7 | ---- | 61.0 | --- | 66.0 | ------- |
| KXB6142 | 62.0 | ----- | 62.7 | - | 63.7 | ----- | 61.7 | --- |
| KXB6320 | 65.0 | ------ | 64.7 | -- | 63.0 | ---- | 67.0 | -------- |
| DFI45214 | 59.3 | --- | 64.7 | -- | 63.7 | ----- | 63.0 | ---- |
| Cranberri CS | 62.0 | ----- | 65.3 | --- | 59.3 | - | 65.0 | ------ |
| Benedictio KWS | 60.7 | ---- | 65.0 | -- | 65.0 | ------ | 62.3 | ---- |
| LG 30.215 | 65.0 | ------ | 68.7 | ----- | 64.3 | ----- | 68.0 | --------- |
| Xxilo | 62.7 | ----- | 64.0 | -- | 63.0 | ---- | 65.0 | ------ |
| | | | | | | | | |
| -Bezugsgrösse(n) | 61.7 | ----- | 65.8 | --- | 61.5 | --- | 62.3 | ---- |
| Versuchs-Mittel | 63.1 | ----- | 67.3 | ---- | 63.2 | ---- | 63.9 | ----- |
| | | | | | | | | |
| VK [%] | 4.2 | | 4.0 | | 7.4 | | 3.7 | |
| KGD (5%) | 4.3 | | 4.4 | | ns | | 3.9 | |
| KGD (1%) | 5.8 | | 5.8 | | ns | | 5.2 | |
| Versuchs-Streuung | 2.6 | | 2.7 | | 4.6 | | 2.4 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## NEL (NIRS) [MJ/kg MS] / NEL (NIRS) [MJ/kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 6.4 | ----- | 6.2 | ---- | 6.6 | --- | 6.2 | ---- | 6.1 | ---- |
| SY Talisman | 6.4 | ----- | 6.2 | ---- | 6.7 | ----- | 6.3 | ------ | 6.2 | ------ |
| Gottardo KWS | 6.4 | -------- | 6.5 | ------- | 6.6 | ---- | 6.2 | ---- | 6.2 | ------ |
| SY Telias | 6.4 | ------- | 6.7 | --------- | 6.7 | ----- | 6.4 | -------- | 6.1 | ----- |
| DKC 3440 | 6.3 | ----- | 6.2 | ---- | 6.8 | ------ | 6.1 | - | 6.2 | ------ |
| LG 30.248 | 6.4 | ------- | 6.6 | -------- | 6.5 | -- | 6.4 | -------- | 6.1 | ----- |
| LG 31.235 | 6.4 | ------- | 6.4 | ------ | 6.8 | ------ | 6.4 | -------- | 6.3 | ------- |
| LG 31.259 | 6.4 | ----- | 6.4 | ------ | 6.5 | -- | 6.1 | --- | 6.2 | ------ |
| LG 31.237 | 6.4 | ------ | 6.3 | ---- | 6.7 | ----- | 6.3 | ------ | 6.4 | --------- |
| Severeen | 6.4 | ------ | 6.3 | ----- | 6.7 | ----- | 6.2 | ---- | 6.2 | ------ |
| Aga Einstein | 6.2 | - | 6.0 | -- | 6.5 | -- | 6.2 | ---- | 5.9 | -- |
| ES Crossman | 6.3 | -- | 6.1 | --- | 6.5 | -- | 6.1 | --- | 6.3 | ------- |
| Amaroc | 6.4 | ----- | 6.1 | -- | 6.8 | ------- | 6.3 | ------ | 6.3 | -------- |
| RGT Mexxner | 6.4 | ----- | 6.4 | ------ | 6.6 | ---- | 6.2 | ----- | 6.0 | --- |
| RGT Bixx | 6.3 | ----- | 6.0 | -- | 6.7 | ------ | 6.4 | --------- | 5.8 | - |
| CSM 16204 | 6.2 | -- | 5.9 | - | 6.7 | ----- | 6.2 | ---- | 6.2 | ------ |
| DKC 3872 | 6.4 | ----- | 6.2 | ---- | 6.7 | ----- | 6.3 | ------- | 6.1 | ---- |
| Farmirage | 6.4 | ----- | 6.2 | ---- | 6.7 | ----- | 6.2 | ---- | 6.3 | ------- |
| SM F0140 | 6.4 | ------ | 6.4 | ----- | 6.7 | ------ | 6.3 | ------ | 6.2 | ------ |
| P8333 | 6.4 | ------ | 6.2 | ---- | 6.6 | ---- | 6.3 | ------- | 6.3 | -------- |
| SY Pandoras | 6.3 | ---- | 6.3 | ---- | 6.6 | ---- | 6.1 | - | 6.2 | ----- |
| Janero | 6.4 | ------- | 6.6 | -------- | 6.8 | ------ | 6.3 | ------ | 6.2 | ------ |
| KXB6141 | 6.3 | ---- | 6.2 | --- | 6.6 | --- | 6.4 | --------- | 6.2 | ----- |
| KXB6142 | 6.3 | --- | 6.0 | - | 6.7 | ----- | 6.2 | ---- | 6.4 | --------- |
| KXB6320 | 6.3 | --- | 5.9 | - | 6.7 | ----- | 6.3 | ------ | 6.1 | ---- |
| DFI45214 | 6.2 | - | 6.1 | -- | 6.6 | ---- | 6.0 | - | 6.1 | ---- |
| Cranberri CS | 6.3 | --- | 6.0 | -- | 6.6 | --- | 6.2 | ---- | 6.1 | ----- |
| Benedictio KWS | 6.5 | --------- | 6.5 | ------- | 6.9 | --------- | 6.2 | ---- | 6.4 | -------- |
| LG 30.215 | 6.4 | ----- | 6.2 | ---- | 6.6 | ---- | 6.4 | --------- | 6.1 | ---- |
| Xxilo | 6.2 | - | 6.0 | - | 6.4 | - | 6.1 | -- | 6.2 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 6.4 | ------ | 6.4 | ------ | 6.6 | ---- | 6.2 | ----- | 6.2 | ----- |
| Versuchs-Mittel | 6.3 | ----- | 6.2 | ---- | 6.6 | ----- | 6.2 | ----- | 6.2 | ------ |
| | | | | | | | | | | |
| VK [%] | 3.4 | | 5.1 | | 2.7 | | 3.6 | | 3.4 | |
| KGD (5%) | 0.1 | | ns | | ns | | ns | | ns | |
| KGD (1%) | 0.2 | | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 0.2 | | 0.3 | | 0.2 | | 0.2 | | 0.2 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 3.1 | 29 | 2.23 | *** | 1.49 | 0.0008 |
| Anbauorte | 14.7 | 7 | 44.30 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 9.3 | 203 | 0.97 | ns | 1.21 | |
| Fehler | 21.9 | 464 | | | | |
| Insgesamt | 49.0 | 703 | | | | |

## NEL (NIRS) [MJ/kg MS] / NEL (NIRS) [MJ/kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 6.2 | ---- | 6.6 | -------- | 6.5 | ----- | 6.5 | -------- |
| SY Talisman | 6.1 | --- | 6.6 | --------- | 6.7 | --------- | 6.1 | - |
| Gottardo KWS | 6.6 | --------- | 6.5 | ------ | 6.5 | ----- | 6.4 | ------ |
| SY Telias | 6.3 | ----- | 6.5 | ------ | 6.4 | --- | 6.3 | ----- |
| DKC 3440 | 6.2 | ----- | 6.4 | ----- | 6.4 | --- | 6.4 | ------ |
| LG 30.248 | 6.4 | ------- | 6.5 | ------ | 6.5 | ----- | 6.4 | ------ |
| LG 31.235 | 6.1 | --- | 6.6 | -------- | 6.4 | ----- | 6.4 | ------ |
| LG 31.259 | 6.3 | ----- | 6.4 | ----- | 6.5 | ------ | 6.3 | ----- |
| LG 31.237 | 6.2 | ----- | 6.5 | ------ | 6.4 | --- | 6.3 | ---- |
| Severeen | 6.1 | --- | 6.6 | --------- | 6.6 | ------- | 6.3 | ----- |
| Aga Einstein | 6.3 | ----- | 6.4 | ---- | 6.2 | - | 6.3 | ----- |
| ES Crossman | 6.2 | ---- | 6.3 | ---- | 6.2 | - | 6.3 | ----- |
| Amaroc | 6.3 | ------ | 6.4 | ---- | 6.4 | --- | 6.4 | ------ |
| RGT Mexxner | 6.2 | ---- | 6.5 | ------ | 6.5 | ------ | 6.3 | ----- |
| RGT Bixx | 6.4 | ------- | 6.5 | ------ | 6.4 | ----- | 6.4 | ------- |
| CSM 16204 | 6.1 | --- | 6.4 | ---- | 6.3 | --- | 6.2 | --- |
| DKC 3872 | 6.3 | ------ | 6.5 | ------ | 6.5 | ------ | 6.3 | ----- |
| Farmirage | 6.2 | ----- | 6.5 | ------ | 6.4 | --- | 6.4 | ------- |
| SM F0140 | 6.3 | ------ | 6.6 | -------- | 6.2 | - | 6.4 | ------- |
| P8333 | 6.2 | ----- | 6.6 | -------- | 6.3 | -- | 6.4 | ------- |
| SY Pandoras | 6.4 | ------- | 6.4 | ----- | 6.5 | ----- | 6.3 | ---- |
| Janero | 6.3 | ----- | 6.6 | --------- | 6.3 | --- | 6.4 | ------ |
| KXB6141 | 6.3 | ------ | 6.3 | --- | 6.4 | --- | 6.3 | ----- |
| KXB6142 | 6.2 | ---- | 6.2 | -- | 6.4 | ----- | 6.4 | ------ |
| KXB6320 | 6.4 | ------ | 6.1 | - | 6.3 | -- | 6.5 | --------- |
| DFI45214 | 5.9 | - | 6.4 | ----- | 6.4 | --- | 6.2 | -- |
| Cranberri CS | 6.3 | ----- | 6.4 | ---- | 6.4 | ----- | 6.4 | ------- |
| Benedictio KWS | 6.2 | ----- | 6.6 | -------- | 6.5 | ------ | 6.5 | ------- |
| LG 30.215 | 6.2 | ----- | 6.3 | --- | 6.5 | ------ | 6.4 | ------ |
| Xxilo | 6.1 | --- | 6.1 | - | 6.5 | ----- | 6.5 | ------- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 6.3 | ------ | 6.5 | ------ | 6.4 | ---- | 6.4 | ------ |
| Versuchs-Mittel | 6.3 | ----- | 6.4 | ------ | 6.4 | ---- | 6.4 | ------ |
| | | | | | | | | |
| VK [%] | 3.2 | | 2.5 | | 3.6 | | 2.9 | |
| KGD (5%) | ns | | 0.3 | | ns | | ns | |
| KGD (1%) | ns | | 0.3 | | ns | | ns | |
| Versuchs-Streuung | 0.2 | | 0.2 | | 0.2 | | 0.2 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## NEV (NIRS) [MJ/kg MS] / NEV (NIRS) [MJ/kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 1725 Grangeneuve | | 3065 Habstetten | |
|---|---|---|---|---|---|---|---|---|---|---|
| ES Albatros | 6.5 | ----- | 6.3 | ---- | 6.8 | -- | 6.3 | ---- | 6.2 | ---- |
| SY Talisman | 6.5 | ----- | 6.4 | ---- | 6.9 | ----- | 6.5 | ------- | 6.3 | ------ |
| Gottardo KWS | 6.6 | -------- | 6.8 | -------- | 6.9 | ---- | 6.3 | ---- | 6.3 | ------ |
| SY Telias | 6.6 | ------- | 6.9 | --------- | 6.9 | ----- | 6.5 | -------- | 6.2 | ----- |
| DKC 3440 | 6.5 | ---- | 6.4 | ---- | 7.0 | ------ | 6.2 | -- | 6.3 | ------ |
| LG 30.248 | 6.6 | ------- | 6.8 | -------- | 6.7 | - | 6.6 | --------- | 6.3 | ----- |
| LG 31.235 | 6.6 | ------- | 6.6 | ------ | 7.0 | ------ | 6.5 | -------- | 6.4 | ------- |
| LG 31.259 | 6.5 | ----- | 6.6 | ------- | 6.7 | -- | 6.2 | --- | 6.3 | ------ |
| LG 31.237 | 6.5 | ------ | 6.4 | ---- | 7.0 | ----- | 6.4 | ----- | 6.6 | --------- |
| Severeen | 6.5 | ------ | 6.5 | ----- | 6.9 | ----- | 6.3 | ----- | 6.4 | ------ |
| Aga Einstein | 6.3 | - | 6.1 | -- | 6.7 | -- | 6.3 | ---- | 6.0 | -- |
| ES Crossman | 6.4 | -- | 6.1 | --- | 6.7 | - | 6.2 | --- | 6.5 | ------- |
| Amaroc | 6.5 | ----- | 6.1 | -- | 7.1 | ------- | 6.4 | ------ | 6.4 | ------- |
| RGT Mexxner | 6.5 | ----- | 6.5 | ------ | 6.9 | ---- | 6.3 | ----- | 6.1 | ---- |
| RGT Bixx | 6.5 | ----- | 6.1 | -- | 7.0 | ------ | 6.6 | --------- | 5.9 | - |
| CSM 16204 | 6.4 | - | 5.9 | - | 6.9 | ---- | 6.3 | ---- | 6.3 | ------ |
| DKC 3872 | 6.5 | ----- | 6.3 | ---- | 6.9 | ----- | 6.5 | -------- | 6.2 | ----- |
| Farmirage | 6.5 | ----- | 6.3 | ---- | 6.9 | ---- | 6.3 | ---- | 6.5 | ------- |
| SM F0140 | 6.6 | ------ | 6.5 | ------ | 7.0 | ------ | 6.4 | ------ | 6.3 | ------ |
| P8333 | 6.5 | ------ | 6.3 | ---- | 6.9 | ---- | 6.4 | ------ | 6.5 | ------- |
| SY Pandoras | 6.5 | ---- | 6.4 | ---- | 6.9 | ---- | 6.1 | -- | 6.3 | ----- |
| Janero | 6.6 | -------- | 6.8 | -------- | 7.0 | ------ | 6.4 | ------ | 6.4 | ------ |
| KXB6141 | 6.5 | ---- | 6.3 | ---- | 6.8 | --- | 6.6 | --------- | 6.3 | ------ |
| KXB6142 | 6.4 | --- | 6.0 | - | 6.9 | ---- | 6.3 | ---- | 6.6 | --------- |
| KXB6320 | 6.4 | --- | 6.0 | - | 7.0 | ----- | 6.4 | ----- | 6.2 | ---- |
| DFI45214 | 6.3 | - | 6.2 | --- | 6.9 | ---- | 6.1 | - | 6.2 | ----- |
| Cranberri CS | 6.5 | ---- | 6.1 | -- | 6.8 | --- | 6.4 | ----- | 6.2 | ----- |
| Benedictio KWS | 6.7 | --------- | 6.7 | ------- | 7.2 | --------- | 6.3 | ----- | 6.5 | -------- |
| LG 30.215 | 6.5 | ----- | 6.3 | ---- | 6.9 | ---- | 6.6 | --------- | 6.2 | ---- |
| Xxilo | 6.4 | - | 6.0 | - | 6.6 | - | 6.2 | --- | 6.3 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 6.5 | ------ | 6.6 | ------ | 6.9 | ---- | 6.4 | ----- | 6.3 | ----- |
| Versuchs-Mittel | 6.5 | ----- | 6.3 | ---- | 6.9 | ---- | 6.4 | ----- | 6.3 | ------ |
| | | | | | | | | | | |
| VK [%] | 4.3 | | 6.5 | | 3.3 | | 4.6 | | 3.9 | |
| KGD (5%) | 0.2 | | ns | | ns | | ns | | ns | |
| KGD (1%) | 0.2 | | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 0.3 | | 0.4 | | 0.2 | | 0.3 | | 0.2 | |
| FG Fehlerterm | 464.0 | | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 24.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 4.9 | 29 | 2.14 | *** | 1.49 | 0.0006 |
| Anbauorte | 24.8 | 7 | 44.94 | *** | 2.03 | 0.0000 |
| WW Verf.*Anb.Orte | 15.0 | 203 | 0.93 | ns | 1.21 | |
| Fehler | 36.6 | 464 | | | | |
| Insgesamt | 81.2 | 703 | | | | |

## NEV (NIRS) [MJ/kg MS] / NEV (NIRS) [MJ/kg TS]

| Verfahren | 5643 Alikon AG | | 8046 Reckenholz ZH | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|
| ES Albatros | 6.3 | ---- | 6.9 | -------- | 6.6 | ----- | 6.7 | -------- |
| SY Talisman | 6.2 | --- | 6.9 | -------- | 6.9 | --------- | 6.2 | - |
| Gottardo KWS | 6.8 | --------- | 6.7 | ------ | 6.6 | ---- | 6.6 | ------- |
| SY Telias | 6.4 | ----- | 6.7 | ------ | 6.6 | ---- | 6.5 | ----- |
| DKC 3440 | 6.3 | ---- | 6.6 | ----- | 6.5 | --- | 6.5 | ------ |
| LG 30.248 | 6.6 | ------ | 6.7 | ------- | 6.7 | ----- | 6.6 | ------ |
| LG 31.235 | 6.2 | --- | 6.8 | ------- | 6.6 | ---- | 6.5 | ------ |
| LG 31.259 | 6.4 | ---- | 6.6 | ----- | 6.7 | ------ | 6.5 | ----- |
| LG 31.237 | 6.4 | ---- | 6.7 | ------ | 6.6 | ---- | 6.4 | ---- |
| Severeen | 6.2 | --- | 6.9 | -------- | 6.7 | ------ | 6.4 | ---- |
| Aga Einstein | 6.4 | ----- | 6.5 | ---- | 6.3 | - | 6.5 | ----- |
| ES Crossman | 6.3 | ---- | 6.5 | ---- | 6.3 | - | 6.4 | ---- |
| Amaroc | 6.5 | ------ | 6.6 | ----- | 6.5 | ---- | 6.6 | ------ |
| RGT Mexxner | 6.3 | ---- | 6.6 | ----- | 6.7 | ------ | 6.5 | ----- |
| RGT Bixx | 6.6 | ------ | 6.7 | ------ | 6.6 | ---- | 6.6 | ------- |
| CSM 16204 | 6.2 | --- | 6.6 | ----- | 6.4 | -- | 6.4 | ---- |
| DKC 3872 | 6.4 | ----- | 6.6 | ----- | 6.8 | ------ | 6.4 | ---- |
| Farmirage | 6.4 | ----- | 6.7 | ------ | 6.5 | ---- | 6.6 | ------ |
| SM F0140 | 6.5 | ------ | 6.8 | ------- | 6.3 | - | 6.7 | -------- |
| P8333 | 6.4 | ---- | 6.8 | ------- | 6.4 | -- | 6.6 | ------- |
| SY Pandoras | 6.6 | ------ | 6.6 | ----- | 6.7 | ----- | 6.4 | ---- |
| Janero | 6.4 | ----- | 6.9 | --------- | 6.5 | --- | 6.5 | ------ |
| KXB6141 | 6.5 | ----- | 6.5 | --- | 6.5 | --- | 6.5 | ----- |
| KXB6142 | 6.3 | ---- | 6.3 | -- | 6.6 | ---- | 6.5 | ------ |
| KXB6320 | 6.5 | ------ | 6.2 | - | 6.4 | -- | 6.7 | --------- |
| DFI45214 | 5.9 | - | 6.6 | ----- | 6.5 | ---- | 6.3 | -- |
| Cranberri CS | 6.4 | ----- | 6.5 | ---- | 6.7 | ----- | 6.6 | ------- |
| Benedictio KWS | 6.4 | ----- | 6.8 | -------- | 6.7 | ------ | 6.6 | ------- |
| LG 30.215 | 6.4 | ---- | 6.4 | -- | 6.8 | ------ | 6.6 | ------ |
| Xxilo | 6.2 | --- | 6.3 | - | 6.7 | ------ | 6.7 | -------- |
| | | | | | | | | |
| -Bezugsgrösse(n) | 6.5 | ----- | 6.7 | ------ | 6.6 | ---- | 6.6 | ------ |
| Versuchs-Mittel | 6.4 | ----- | 6.6 | ----- | 6.6 | ---- | 6.5 | ------ |
| | | | | | | | | |
| VK [%] | 3.9 | | 3.2 | | 4.6 | | 3.8 | |
| KGD (5%) | ns | | 0.4 | | ns | | ns | |
| KGD (1%) | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 0.2 | | 0.2 | | 0.3 | | 0.2 | |
| FG Fehlerterm | 58.0 | | 58.0 | | 58.0 | | 58.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

## 3.3 Serie mittelspät / série mi-tardif

### 3.3.1 Standortangaben

| PLZ / N°p. | Ort / Lieu | m.ü.M. / altitude | Saattermin / date de semis | Erntetermin / date de récolte |
|---|---|---|---|---|
| 1260 | Nyon | 430 | 22.05.2017 | 08.09.2017 |
| 1567 | Delley (Avenches) | 434 | 17.05.2017 | 05.09.2017 |
| 1896 | Vouvry | 404 | 24.04.2017 | Pas récolté (rayon diabrotica) / Nicht geerntet (Einzugsgebiet Maiswurzelbohrer) |
| 3065 | Habstetten | 680 | 11.05.2017 | 02.10.2017 |
| 8046 | Reckenholz | 440 | 10.05.2017 | 21.09.2017 |
| 8196 | Eglisau | 390 | 06.05.2017 | 06.09.2017 |
| 8566 | Ellighausen | 517 | 17.05.2017 | 05.10.2017 |
| 9443 | Hinterforst | 449 | 18.05.2017 | 12.10.2017 |

### 3.3.2 Sorten / Status

| Name / Nom | Synonym | Hybrid Typ | Züchter / Obtenteur | Vertreter / Représentant | KM | SM |
|---|---|---|---|---|---|---|
| **Palmer** | LZM358/21 | SC | Limagrain / Europe | Hauenstein, Rafz | | SM21/S |
| **P8609** | X80B365 | SC | Pioneer | Pioneer | | SM21/S |
| **Walterinio KWS** | KXB3181 | SC | KWS, Einbeck | KWS Suisse SA, Basel | | SM21/S |
| **Figaro** | KXB3329 | SC | KWS, Einbeck | KWS Suisse SA, Basel | KM11/S | SM21/S |
| **Indexx** | RH09029 | SC | RAGT 2n | Fenaco, Moudon | | SM21/S |
| **LG 30.306** | LZM 358/69 | SC | Limagrain / Europe | Fenaco, Moudon | | SM21/S |
| **Amaveritas** | KXB5141 | SC | KWS, Einbeck | KWS Suisse SA, Basel | KM21/e2 | SM21/e2 |
| **RGT Karlaxx** | RH14012 | SC | RAGT 2n | Fenaco, Moudon | | SM21/e1 |
| **ER3584** | ER3584 | SC | Monsanto, USA | Monsanto, Morges | | SM21/e1 |
| **SM G0259** | SM G0259 | SC | Saatzucht Moreau | Samen Steffen | | SM21/1. |
| **P8666** | X80H166 | SC | Pioneer | Pioneer, Manno | KM21/e1 | SM21/e1 |
| **SB1385** | SB1385 | TC | Syngenta, CH | Syngenta, Dielsdorf | | SM21/e1 |
| **LZM365/48** | LZM365/48 | SC | Limagrain / Europe | Fenaco, Moudon | | SM21/e1 |
| **Supiter** | DS1439B | SC | Saaten Union | Hauenstein, Rafz | | SM21/e1 |
| **KXB6143** | KXB6143 | TC | KWS, Einbeck | KWS Suisse SA, Basel | KM21/e1 | SM21/e1 |
| **KXB6316** | KXB6316 | TC | KWS, Einbeck | KWS Suisse SA, Basel | | SM21/e1 |
| **DFI44980** | DFI44980 | | DSP, Delley | DSP, Delley | | SM21/1. |
| **DFI45602** | DFI45602 | | DSP, Delley | DSP, Delley | | SM21/1. |
| **ES Metronom** | ESZ2202 | SC | Euralis, F | Euralis ? | KM11/e3 | SM21/T |
| **Füllsorte** | | | | | | SM21/T |

### 3.3.3 Standorteigenschaften und Bewirtschaftungsmassnahmen / informations sur les sites et techniques culturales

| Technische Versuchsangaben / données techniques / technical information | | | | | | | |
|---|---|---|---|---|---|---|---|
| Standort / lieu / site: | Nyon (430 m ü.M.) | Habstetten (680 m ü.M.) | Avenches (434 m ü.M.) | Zürich- Affoltern (450 m ü.M.) | Eglisau (392 m ü.M.) | Ellighausen (517 m ü.M.) | Hinterforst (437 m ü.M.) |
| Bodenart / type de sol / soil type: | limono salbleux | sandiger Lehm | 50% Argile | Parabraunerde | Leicht; mittel humos | - | toniger Lehm, schwach humos |
| Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest): | 209 mm<br>1564 °C<br>Bewässerung/ irrigation 15.06., 06.07. et 18.07.: 30 l/m2 à chaque apport | 1720 °C | 270.0 mm (selon AgroMeteo, station Praz)<br>1572.0 °C (selon AgroMeteo, station Praz, seuil 6°C) | 381 mm<br>1675 °C | - | 505 mm<br>1565 °C | 774 mm (Meteostation Kriessern)<br>1763 °C (Meteostation Kriessern) |
| Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen /blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzellengrösse / grandeur d'une parcelle / plot size: | 4reihig, mit 0.8m Weg (22.4m2 brutto), 10m2 netto | 4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto | Semé: 17 m2 per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs<br>Récolté: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto | 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto |
| Vorfrucht / précédent cultural / previous crop: | blé printemps/ couverts végétaux | blé d'hiver | Maïs grain | Kunstwiese / prairie temporaire / temporary grassland | Weizen / Zwischenfutter | Raps - Zwischenfutter (Wick-Hafer-Erbsgemenge) | Kunstwiese |
| Bodenbearbeitung / travail du sol / soil cultivation: | labour charrue 06.12.2016 - cultivateur 24 04 2017 et 16 052017 | Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow | 30.11.2016: labour<br>31.12.2016: herse rotative<br>16.05.2017: herse rotative | Pflug (28.11.16); Federzahnegge (29.3.17) und Kreiselegge (10.5.2017) / charrue, herse et herse rotative / plough, harrow and rotary harrow | Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow | Pflug (Hebst) und Kreiselegge / charrue (automn) et herse rotative / plough (fall) and rotary harrow | Streifenfrässaat |
| Saat / date de semis / sowing date: | 22 05 2017 | 11.05.2017 | 17.05.2017 (jour 138) | 10.05.2017 | 06.05.2017 | 17.05.2017 | 18.05.2017 |
| Ernte / date de récolte / harvest date: | 08.09.2017 | 02.10.2017 | 05.09.2017 (jour 249) | 21.09.2017 | 06.09.2017 | 05.10.2017 | 12.10.2017 |

## Technische Versuchsangaben / données techniques / technical information

| Standort / lieu / site: | Nyon (430 m ü.M.) | Habstetten (680 m ü.M.) | Avenches (434 m ü.M.) | Zürich- Affoltern (450 m ü.M.) | Eglisau (392 m ü.M.) | Ellighausen (517 m ü.M.) | Hinterforst (437 m ü.M.) |
|---|---|---|---|---|---|---|---|
| Saatdichte / densité de semis / sowing density: | 9.5 Körner / grains pro m2 | 9.5 Körner / grains pro m2 | Semis: 10.8 grains pro m2, éclaircit à 9 plantes/m2 | 10.1 Körner / grains pro m2 | 10.1 Körner / grains pro m2 | 10.1 Körner / grains pro m2 | 9.7 Körner / grains pro m2 |
| Vegetationsdauer / durée de vegetation / growing period | 109 Tage / jours / days | 144 Tage / jours / days | 111 Tage / jours / days | 134 Tage / jours / days | 123 Tage / jours / days | 141 Tage / jours / days | 147 Tage / jours / days |
| Reihenabstand / interlignes / row distance: | 75 cm | 75 cm | 80 cm | 75 cm | 75 cm | 75 cm | 75 cm |
| Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control: | - | - | - | - | keine | 28.6.: Sternhacke nach Verschlämmung durch Stark-niederschläge | - |
| Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control: | Gardo Gold 4 l/ ha, Banvel4S 0,5 l/ ha, Elumis 1,3 l/ha (08.06.2017) | Elumis 1.3 l/ha + Banvel 4S 0.4l/ha (27.06.2017) | 30.05.2017: 1L/ha Elumis + 2L/ha Gardo Gold 09.06.2017: 1L/ha Elumis + 2L/ha Gardo Gold | 8.6: Aspect 1.5l/ha, Laudis 0.5l/ha, Banvel M 2.0l/ha | Garda Gold 4 lt/ ha, Calisto 0.8 lt/ ha, Maisnico 0.7 lt/ ha (26.5.17) | 8.6: Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha | 4.0 Liter Glyphosat, 1.0 Akris (21.05.17) |
| Grunddüngung / fumure de base / basic fertilisation: | 02.08.2016: 50 m3 purin bovins; 27.02.2017: Super triple 46% 61 kg P/ha | - | 22.11.2016: 250 kg/ha Potasse 60% 21.10.2016: 8 m3/ha Compost 10U P2O5 / 30U K2O / 9U Mg /ha | - | PK 20.30: 60 kg P/ha, 90 kg K/ha (3.5.17) | nach Raps 15 to/ha Stapelmist | 60 kg P/ha, 60 kg K/ha (21.05) |
| N-Düngung / fumure N / N fertilisation: | 29.05.2017: nitrate ammoniaque 27.5 % 60 kg N/ha; 14.06.2017 urée 46 % 60 kg N/ha | 38.5 kg N/ha (ammonitrate, 23.05.2017); 78 kg N/ha (urée 8.06.2017) | 20.04.2017: 100 kg/ha Urée 46% 16.05.2017: 100 kg/ha Urée 46% | Harnstoff 46% 82.8 kg N/ha (10.5.), Harnstoff 46 % 32.2 kg N/ha (30.5.) | Harnstoff 46 kg N/ha (2.6.17); Harnstoff 92 kg N/ha (27.6.17) | 28.5.: Ammonsalpeter (55 kg N/ha); 12.6. Harnstoff (70 kg N/ha) | Harnstoff 46%: 92 kg N/ha (26.06) |
| Ernte / Récolte / harvest: | Baural Maishäcksler / ensileuse | | Ensileuse expérimentale | New Holland Versuchsmaishäcksler | | | |

| Sorte | Status | VOS | Ertrag | Reife | Jugend-entwi. | Wurzellag. Veg. | Wurzellag. Ernte | Stängelbr. Ernte | Beulen-brand | Oekon. Index | Agron. Index | Gesamt-index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **P8666** | e1 | -0.21 | 3.66 | 1.35 | 0.03 | -0.55 | 0.20 | -0.01 | -1.54 | 3.45 | -0.52 | 2.93 |
| **KXB6143** | e1 | -3.47 | 1.42 | 2.04 | 0.30 | -0.25 | -0.39 | 0.01 | 1.05 | -2.05 | 2.76 | 0.71 |
| **P8609** | S | 0.25 | -1.70 | 1.87 | -0.20 | 0.04 | -0.25 | -0.01 | 0.55 | -1.45 | 2.00 | 0.55 |
| **RGT Karlaxx** | e1 | 1.94 | 1.52 | -2.64 | 0.11 | -0.57 | -2.04 | 0.00 | 1.21 | 3.46 | -3.93 | -0.47 |
| **Walterinio KWS** | S | -0.25 | 1.70 | -1.87 | 0.20 | -0.04 | 0.25 | 0.01 | -0.55 | 1.45 | -2.00 | -0.55 |
| **KXB6316** | e1 | -2.19 | -5.61 | 3.66 | 0.13 | -0.05 | 1.95 | -0.01 | 1.05 | -7.80 | 6.73 | -1.08 |
| **Figaro** | S | -3.26 | 1.08 | -0.37 | 0.37 | 0.09 | -0.63 | -0.01 | 1.04 | -2.17 | 0.48 | -1.69 |
| **SM G0259** | 1. | -5.45 | -1.20 | 2.03 | 0.46 | -0.06 | 0.14 | 0.00 | 1.24 | -6.65 | 3.81 | -2.84 |
| **LZM365/48** | e1 | -0.15 | -0.68 | -3.04 | 0.34 | -0.48 | 1.06 | 0.01 | -0.59 | -0.83 | -2.69 | -3.53 |
| **SB1385** | e1 | -0.50 | -2.85 | 0.15 | 0.46 | -0.76 | -2.02 | 0.00 | 1.19 | -3.35 | -0.97 | -4.32 |
| **ES Metronom** | T | -4.80 | -1.37 | -0.58 | 0.51 | 0.00 | 0.20 | 0.00 | 0.09 | -6.17 | 0.23 | -5.94 |
| **Supiter** | e1 | -0.50 | -6.77 | -0.95 | 0.01 | -0.43 | 1.52 | 0.00 | 0.22 | -7.27 | 0.37 | -6.90 |
| **Indexx** | S | -1.14 | -4.25 | -2.45 | 0.23 | -0.01 | -0.33 | 0.01 | 0.62 | -5.40 | -1.93 | -7.33 |
| **Amaveritas** | e2 | -7.47 | -3.53 | 0.87 | 0.06 | 0.05 | -0.46 | 0.00 | -0.17 | -10.99 | 0.36 | -10.63 |
| **DFI44980** | 1. | -5.11 | -6.87 | 0.09 | 0.44 | -0.29 | -1.83 | 0.00 | 1.11 | -11.98 | -0.48 | -12.46 |
| **LG 30.306** | S | -10.33 | 2.44 | -3.59 | -0.04 | -1.60 | -1.43 | 0.00 | 1.15 | -7.89 | -5.51 | -13.40 |
| **DFI45602** | 1. | -11.14 | -4.84 | 0.52 | 0.63 | -0.16 | 0.36 | 0.00 | 0.22 | -15.98 | 1.58 | -14.40 |
| **ER3584** | e1 | -8.23 | -4.86 | -1.11 | -0.01 | -0.07 | 0.01 | 0.00 | -1.51 | -13.09 | -2.69 | -15.78 |
| **Palmer** | S | -12.40 | 2.42 | -4.91 | 0.15 | -0.75 | -1.29 | 0.00 | 0.99 | -9.98 | -5.80 | -15.79 |
| **Füllsorte** | T | -6.02 | -14.33 | -2.81 | -0.08 | -0.31 | -0.98 | 0.00 | -0.44 | -20.35 | -4.62 | -24.97 |
| **Bezugsgrössen** | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Anz. Beob. | | 21 | 21 | 21 | 21 | 6 | 6 | 3 | 12 | | | |
| Anz. Orte | | 7 | 7 | 7 | 7 | 2 | 2 | 1 | 4 | | | |
| Gewichtung | | 0.40 | 0.50 | 1.25 | 0.50 | 0.25 | 0.75 | 0.75 | 0.25 | | | |

### 3.3.5 Zusammenfassung / résumé

| Sorten Bezeichnung | Jugendentwicklg. Note | Saatweibl. Blüte Tage | Saatmännl. Blüte Tage | Pflanzenhöhe cm | Kolbenansatzhöhe cm | relat. Kolbenhöhe % | Wurzellager Veg. % | Wurzellager Ernte % | gebr. Pfl. Veg. Note | Stängelbruch Ernte % |
|---|---|---|---|---|---|---|---|---|---|---|
| **Palmer** | 4.0 | 67.5 | 65.9 | 292 | 143 | 49.1 | 13.8 | 23.3 | 3.5 | 1.5 |
| **P8609** | 4.7 | 63.9 | 63.4 | 270 | 125 | 46.3 | 2.7 | 18.4 | 1.3 | 1.6 |
| **Walterinio KWS** | 3.9 | 64.2 | 62.6 | 291 | 134 | 46.0 | 3.9 | 16.1 | 2.7 | 1.4 |
| **Figaro** | 3.5 | 63.8 | 63.0 | 273 | 136 | 50.0 | 2.0 | 20.2 | 1.3 | 1.6 |
| **Indexx** | 3.8 | 63.0 | 62.6 | 268 | 134 | 49.8 | 3.4 | 18.8 | 1.8 | 1.4 |
| **LG 30.306** | 4.3 | 66.8 | 65.7 | 292 | 149 | 51.1 | 25.6 | 24.0 | 3.0 | 1.5 |
| **Amaveritas** | 4.1 | 64.3 | 63.5 | 278 | 139 | 49.9 | 2.6 | 19.4 | 1.5 | 1.5 |
| **RGT Karlaxx** | 4.0 | 64.3 | 63.3 | 283 | 133 | 46.6 | 11.3 | 26.8 | 3.3 | 1.5 |
| **ER3584** | 4.3 | 64.3 | 62.4 | 289 | 128 | 44.3 | 4.3 | 17.2 | 1.4 | 1.5 |
| **SM G0259** | 3.3 | 62.9 | 62.0 | 268 | 132 | 49.2 | 4.2 | 16.6 | 2.7 | 1.5 |
| **P8666** | 4.2 | 65.1 | 64.1 | 274 | 133 | 48.5 | 11.0 | 16.3 | 1.8 | 1.6 |
| **SB1385** | 3.3 | 63.4 | 61.8 | 271 | 130 | 47.7 | 13.9 | 26.7 | 3.5 | 1.5 |
| **LZM365/48** | 3.6 | 63.9 | 62.2 | 271 | 129 | 47.4 | 10.0 | 12.3 | 2.2 | 1.4 |
| **Supiter** | 4.2 | 62.3 | 60.3 | 280 | 121 | 43.2 | 9.3 | 10.2 | 1.5 | 1.5 |
| **KXB6143** | 3.7 | 64.8 | 63.8 | 280 | 135 | 48.1 | 6.8 | 19.1 | 2.0 | 1.4 |
| **KXB6316** | 4.0 | 62.8 | 62.4 | 256 | 123 | 48.9 | 4.0 | 8.2 | 2.5 | 1.6 |
| **DFI44980** | 3.4 | 63.8 | 62.8 | 274 | 129 | 47.0 | 7.4 | 25.8 | 2.3 | 1.5 |
| **DFI45602** | 3.0 | 65.0 | 63.3 | 276 | 135 | 48.9 | 5.5 | 15.6 | 3.5 | 1.5 |
| **ES Metronom** | 3.2 | 61.9 | 61.6 | 277 | 130 | 46.9 | 3.3 | 16.3 | 1.2 | 1.5 |
| **Füllsorte** | 4.4 | 63.8 | 61.5 | 268 | 123 | 45.7 | 7.6 | 21.9 | 1.8 | 1.5 |
| Bezugsgrösse(n) | 4.3 | 64.0 | 63.0 | 281 | 130 | 46.2 | 3.3 | 17.3 | 2.0 | 1.5 |
| **Versuchs-Mittel** | 3.9 | 64.1 | 62.9 | 277 | 132 | 47.7 | 7.6 | 18.7 | 2.2 | 1.5 |
| VK [%] | 14.9 | 1.5 | 1.5 | 4 | 6 | 6.8 | 128.0 | 123.7 | 63.7 | 7.9 |
| KGD (5%) | 0.3 | 0.7 | 0.7 | 8 | 6 | 2.6 | 11.2 | | | |
| KGD (1%) | 0.5 | 1.0 | 1.0 | 11 | 9 | 3.5 | | | | |
| Versuchs-Streuung | 0.6 | 0.9 | 0.9 | 11 | 8 | 3.3 | 9.8 | 23.1 | 1.4 | 0.1 |
| FG Fehlerterm | 266.0 | 152.0 | 152.0 | 152 | 152 | 152.0 | 76.0 | 76.0 | 38.0 | 38.0 |
| Anz. Beob. | 21.0 | 12.0 | 12.0 | 12 | 12 | 12.0 | 6.0 | 6.0 | 3.0 | 3.0 |
| Anz. Orte | 7.0 | 4.0 | 4.0 | 4 | 4 | 4.0 | 2.0 | 2.0 | 1.0 | 1.0 |
| Minimum | 3.0 | 61.9 | 60.3 | 256 | 121 | 43.2 | 2.0 | 8.2 | 1.2 | 1.4 |
| Maximum | 4.7 | 67.5 | 65.9 | 292 | 149 | 51.1 | 25.6 | 26.8 | 3.5 | 1.6 |

| Sorten Bezeich-nung | Beulen-brand % | Kolben-fusarien Note | Mais-zünsler % | allg. Ein-druck Note | Effekt. Best. dichte Pfl./m2 | Ertrag g.Pfl. frisch dt/ha | TS-Ertrag g.Pfl. dt/ha | TS-Gehalt g.Pfl. % | VOS-Ertrag dt/ha | Stärke-Ertrag dt/ha |
|---|---|---|---|---|---|---|---|---|---|---|
| **Palmer** | 2.4 | 1.7 | 2.0 | 2.7 | 8.8 | 670.3 | 236.4 | 35.6 | 161.4 | 78.2 |
| **P8609** | 5.5 | 3.0 | 2.1 | 4.3 | 9.0 | 560.5 | 228.1 | 41.1 | 162.3 | 86.3 |
| **Walterinio KWS** | 13.2 | 4.5 | 6.8 | 3.0 | 9.0 | 626.5 | 234.9 | 38.1 | 167.0 | 87.8 |
| **Figaro** | 2.1 | 3.7 | 2.8 | 3.0 | 9.0 | 601.7 | 233.7 | 39.3 | 164.4 | 83.3 |
| **Indexx** | 5.0 | 4.2 | 3.9 | 4.3 | 9.1 | 598.6 | 223.0 | 37.6 | 158.3 | 82.6 |
| **LG 30.306** | 1.3 | 2.2 | 0.8 | 3.3 | 8.9 | 651.2 | 236.4 | 36.7 | 162.1 | 81.0 |
| **Amaveritas** | 10.5 | 2.8 | 3.4 | 3.7 | 9.2 | 564.8 | 224.5 | 40.3 | 155.7 | 76.7 |
| **RGT Karlaxx** | 0.8 | 1.7 | 1.8 | 4.0 | 9.0 | 635.5 | 234.6 | 37.4 | 168.2 | 88.4 |
| **ER3584** | 19.9 | 1.2 | 1.3 | 4.0 | 8.7 | 577.8 | 221.8 | 38.7 | 153.4 | 76.2 |
| **SM G0259** | 0.7 | 2.6 | 2.3 | 3.7 | 8.9 | 567.0 | 229.1 | 41.2 | 159.9 | 84.2 |
| **P8666** | 20.1 | 1.9 | 1.8 | 2.7 | 8.8 | 593.9 | 238.9 | 40.6 | 170.0 | 87.6 |
| **SB1385** | 1.0 | 4.7 | 1.9 | 5.7 | 9.1 | 573.4 | 225.8 | 39.7 | 160.4 | 79.4 |
| **LZM365/48** | 13.5 | 6.5 | 2.5 | 4.0 | 8.8 | 622.8 | 230.2 | 37.1 | 163.8 | 81.1 |
| **Supiter** | 7.8 | 4.3 | 3.9 | 5.7 | 9.3 | 569.1 | 218.0 | 38.8 | 154.7 | 81.4 |
| **KXB6143** | 2.0 | 2.5 | 0.8 | 4.0 | 9.2 | 574.6 | 234.4 | 41.2 | 164.8 | 84.2 |
| **KXB6316** | 2.0 | 4.3 | 3.5 | 5.3 | 9.1 | 525.5 | 220.3 | 42.5 | 155.6 | 79.6 |
| **DFI44980** | 1.6 | 3.5 | 2.5 | 4.3 | 8.9 | 558.8 | 217.8 | 39.6 | 152.2 | 78.4 |
| **DFI45602** | 7.8 | 1.4 | 4.4 | 3.7 | 9.0 | 561.7 | 221.9 | 40.0 | 151.6 | 75.2 |
| **ES Metronom** | 8.7 | 3.3 | 2.5 | 4.3 | 8.8 | 591.7 | 228.8 | 39.1 | 160.1 | 83.0 |
| **Füllsorte** | 12.4 | 4.5 | 2.5 | 6.0 | 8.5 | 549.8 | 202.9 | 37.3 | 141.3 | 70.3 |
| Bezugsgrösse(n) | 9.3 | 3.8 | 4.4 | 3.7 | 9.0 | 593.5 | 231.5 | 39.6 | 164.7 | 87.0 |
| **Versuchs-Mittel** | 6.9 | 3.2 | 2.7 | 4.1 | 8.9 | 588.8 | 227.1 | 39.1 | 159.4 | 81.2 |
| VK [%] | 66.3 | 53.3 | 70.2 | 19.6 | 4.2 | 6.1 | 6.5 | 4.4 | 7.5 | 11.3 |
| KGD (5%) | 3.7 | 2.8 | 2.2 | 1.3 | 0.2 | 21.7 | 9.0 | 1.0 | 7.3 | 5.6 |
| KGD (1%) | 4.9 | | 2.9 | 1.8 | 0.3 | 28.6 | 11.9 | 1.4 | 9.6 | 7.3 |
| Versuchs-Streuung | 4.6 | 1.7 | 1.9 | 0.8 | 0.4 | 35.8 | 14.8 | 1.7 | 12.0 | 9.1 |
| FG Fehlerterm | 152.0 | 37.0 | 76.0 | 38.0 | 266.0 | 266.0 | 266.0 | 266.0 | 266.0 | 266.0 |
| Anz. Beob. | 12.0 | 3.0 | 6.0 | 3.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 |
| Anz. Orte | 4.0 | 1.0 | 2.0 | 1.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| Minimum | 0.7 | 1.2 | 0.8 | 2.7 | 8.5 | 525.5 | 202.9 | 35.6 | 141.3 | 70.3 |
| Maximum | 20.1 | 6.5 | 6.8 | 6.0 | 9.3 | 670.3 | 238.9 | 42.5 | 170.0 | 88.4 |

| Sorten Bezeich-nung | VOS Gehalt NIR g/kg TS | Stärke Gehalt NIR g/kg TS | Rohfaser Gehalt NIR g/kg TS | NDF Gehalt NIR g/kg TS | Rohprotein Gehalt NIR g/kg TS | NEL Gehalt MJ/kg TS | NEV Gehalt MJ/kg TS |
|---|---|---|---|---|---|---|---|
| **Palmer** | 681.5 | 328.1 | 180.7 | 418.6 | 62.9 | 6.2 | 6.2 |
| **P8609** | 713.1 | 381.4 | 159.0 | 377.4 | 61.3 | 6.5 | 6.7 |
| **Walterinio KWS** | 711.9 | 375.8 | 160.2 | 376.0 | 61.6 | 6.5 | 6.7 |
| **Figaro** | 704.3 | 357.7 | 167.5 | 389.1 | 60.9 | 6.4 | 6.6 |
| **Indexx** | 709.6 | 371.2 | 159.4 | 371.8 | 65.5 | 6.5 | 6.6 |
| **LG 30.306** | 686.7 | 343.8 | 172.2 | 397.9 | 64.1 | 6.2 | 6.3 |
| **Amaveritas** | 693.8 | 344.1 | 171.7 | 408.3 | 60.2 | 6.3 | 6.4 |
| **RGT Karlaxx** | 717.3 | 378.6 | 161.3 | 373.0 | 63.6 | 6.5 | 6.8 |
| **ER3584** | 691.9 | 345.3 | 169.6 | 402.8 | 58.2 | 6.3 | 6.4 |
| **SM G0259** | 698.9 | 369.3 | 160.6 | 384.4 | 59.3 | 6.3 | 6.5 |
| **P8666** | 712.0 | 366.6 | 164.4 | 394.7 | 60.7 | 6.5 | 6.7 |
| **SB1385** | 711.2 | 354.6 | 166.7 | 391.8 | 62.2 | 6.5 | 6.7 |
| **LZM365/48** | 712.1 | 353.7 | 166.3 | 381.6 | 64.7 | 6.5 | 6.7 |
| **Supiter** | 711.2 | 377.0 | 159.2 | 374.7 | 60.5 | 6.5 | 6.7 |
| **KXB6143** | 703.8 | 361.0 | 164.7 | 391.1 | 60.6 | 6.4 | 6.6 |
| **KXB6316** | 707.0 | 364.0 | 160.8 | 380.7 | 61.0 | 6.4 | 6.6 |
| **DFI44980** | 699.7 | 362.8 | 167.4 | 392.4 | 61.0 | 6.3 | 6.5 |
| **DFI45602** | 684.6 | 341.7 | 171.6 | 398.7 | 61.0 | 6.2 | 6.3 |
| **ES Metronom** | 700.5 | 364.6 | 161.8 | 377.2 | 63.8 | 6.3 | 6.5 |
| **Füllsorte** | 697.4 | 348.4 | 169.4 | 386.4 | 65.4 | 6.3 | 6.5 |
| Bezugsgrösse(n) | 712.5 | 378.6 | 159.6 | 376.7 | 61.5 | 6.5 | 6.7 |
| **Versuchs-Mittel** | 702.4 | 359.5 | 165.7 | 388.4 | 61.9 | 6.4 | 6.5 |
| VK [%] | 2.5 | 7.7 | 5.9 | 6.1 | 4.1 | 3.1 | 3.9 |
| KGD (5%) | 10.6 | 16.7 | 5.9 | 14.3 | 1.5 | 0.1 | 0.2 |
| KGD (1%) | 14.0 | 22.0 | 7.8 | 18.9 | 2.0 | 0.2 | 0.2 |
| Versuchs-Streuung | 17.5 | 27.5 | 9.8 | 23.6 | 2.5 | 0.2 | 0.3 |
| FG Fehlerterm | 266.0 | 266.0 | 266.0 | 266.0 | 266.0 | 266.0 | 266.0 |
| Anz. Beob. | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 |
| Anz. Orte | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| Minimum | 681.5 | 328.1 | 159.0 | 371.8 | 58.2 | 6.2 | 6.2 |
| Maximum | 717.3 | 381.4 | 180.7 | 418.6 | 65.5 | 6.5 | 6.8 |

### 3.3.6 Détails

## Vigueur au départ [note] / Jugendentwicklung [Note]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 4.0 | ----- | 5.3 | ----- | 3.7 | ------ | 5.7 | ------ | 3.3 | ------ |
| P8609 | 4.7 | --------- | 5.7 | ------- | 5.0 | --------- | 6.3 | --------- | 4.0 | --------- |
| Walterinio KWS | 3.9 | ----- | 5.3 | ----- | 3.7 | ------ | 5.7 | ------ | 2.7 | --- |
| Figaro | 3.5 | --- | 5.0 | ---- | 3.3 | ----- | 5.3 | ----- | 2.7 | --- |
| Indexx | 3.8 | ---- | 5.0 | ---- | 3.0 | ---- | 5.7 | ------ | 2.7 | --- |
| LG 30.306 | 4.3 | ------- | 5.7 | ------- | 4.7 | -------- | 6.0 | ------- | 3.3 | ------ |
| Amaveritas | 4.1 | ------ | 5.3 | ----- | 5.0 | --------- | 6.0 | ------- | 3.3 | ------ |
| RGT Karlaxx | 4.0 | ------ | 6.0 | --------- | 3.3 | ----- | 5.7 | ------ | 3.0 | ----- |
| ER3584 | 4.3 | ------- | 5.7 | ------- | 3.7 | ------ | 6.0 | ------- | 3.3 | ------ |
| SM G0259 | 3.3 | -- | 4.7 | -- | 3.7 | ------ | 4.3 | - | 2.7 | --- |
| P8666 | 4.2 | ------ | 5.7 | ------- | 4.3 | ------- | 6.3 | --------- | 3.3 | ------ |
| SB1385 | 3.3 | -- | 4.3 | - | 3.0 | ---- | 5.0 | --- | 2.3 | -- |
| LZM365/48 | 3.6 | --- | 5.3 | ----- | 2.7 | ---- | 5.3 | ----- | 3.0 | ----- |
| Supiter | 4.2 | ------- | 5.3 | ----- | 4.7 | -------- | 5.7 | ------ | 3.0 | ----- |
| KXB6143 | 3.7 | ---- | 5.0 | ---- | 3.7 | ------ | 5.7 | ------ | 3.0 | ----- |
| KXB6316 | 4.0 | ----- | 5.3 | ----- | 4.3 | ------- | 6.0 | ------- | 3.0 | ----- |
| DFI44980 | 3.4 | -- | 4.7 | -- | 3.0 | ---- | 5.0 | --- | 2.7 | --- |
| DFI45602 | 3.0 | - | 4.3 | - | 1.3 | - | 5.0 | --- | 2.7 | --- |
| ES Metronom | 3.2 | -- | 4.7 | -- | 3.7 | ------ | 5.0 | --- | 2.0 | - |
| FÜLLSORTE | 4.4 | ------- | 6.0 | --------- | 3.7 | ------ | 6.0 | ------- | 4.0 | --------- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 4.3 | ------- | 5.5 | ------ | 4.3 | ------- | 6.0 | ------- | 3.3 | ------ |
| Versuchs-Mittel | 3.9 | ----- | 5.2 | ----- | 3.7 | ------ | 5.6 | ------ | 3.0 | ----- |
| | | | | | | | | | | |
| VK [%] | 14.9 | | 10.9 | | 21.8 | | 7.6 | | 15.9 | |
| KGD (5%) | 0.3 | | 0.9 | | 1.3 | | 0.7 | | 0.8 | |
| KGD (1%) | 0.5 | | ns | | 1.8 | | 0.9 | | 1.1 | |
| Versuchs-Streuung | 0.6 | | 0.6 | | 0.8 | | 0.4 | | 0.5 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 82.3 | 19 | 13.16 | *** | 1.63 | 0.0000 |
| Anbauorte | 426.5 | 6 | 216.03 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 52.7 | 114 | 1.40 | ns | 1.29 | |
| Fehler | 87.5 | 266 | | | | |
| Insgesamt | 649.1 | 405 | | | | |

## Vigueur au départ [note] / Jugendentwicklung [Note]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 3.7 | ----- | 2.7 | ---- | 3.3 | ----- |
| P8609 | 4.0 | ------- | 3.7 | ------- | 4.0 | --------- |
| Walterinio KWS | 3.3 | ---- | 3.0 | ----- | 3.3 | ----- |
| Figaro | 3.0 | -- | 2.7 | ---- | 2.7 | -- |
| Indexx | 3.3 | ---- | 3.7 | ------- | 3.3 | ----- |
| LG 30.306 | 3.3 | ---- | 3.7 | ------- | 3.7 | ------- |
| Amaveritas | 3.0 | -- | 3.0 | ----- | 3.3 | ----- |
| RGT Karlaxx | 3.0 | -- | 3.7 | ------- | 3.7 | ------- |
| ER3584 | 4.3 | --------- | 3.7 | ------- | 3.3 | ----- |
| SM G0259 | 3.0 | -- | 2.3 | --- | 2.7 | -- |
| P8666 | 3.3 | ---- | 3.0 | ----- | 3.3 | ----- |
| SB1385 | 2.7 | - | 3.0 | ----- | 3.0 | ---- |
| LZM365/48 | 3.3 | ---- | 1.7 | - | 3.7 | ------- |
| Supiter | 4.0 | ------- | 3.3 | ------ | 3.7 | ------- |
| KXB6143 | 2.7 | - | 3.0 | ----- | 2.7 | -- |
| KXB6316 | 3.0 | -- | 3.0 | ----- | 3.3 | ----- |
| DFI44980 | 3.3 | ---- | 2.0 | -- | 3.0 | ---- |
| DFI45602 | 2.7 | - | 2.0 | -- | 3.0 | ---- |
| ES Metronom | 2.7 | - | 2.3 | --- | 2.3 | - |
| FÜLLSORTE | 3.7 | ----- | 4.0 | --------- | 3.7 | ------- |
| | | | | | | |
| -Bezugsgrösse(n) | 3.7 | ----- | 3.3 | ------ | 3.7 | ------- |
| Versuchs-Mittel | 3.3 | --- | 3.0 | ----- | 3.3 | ----- |
| | | | | | | |
| VK [%] | 14.2 | | 19.5 | | 18.9 | |
| KGD (5%) | 0.8 | | 1.0 | | ns | |
| KGD (1%) | 1.0 | | 1.3 | | ns | |
| Versuchs-Streuung | 0.5 | | 0.6 | | 0.6 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Période semis – floraison femelle [jours] / Zeit Saat – weibl. Blüte [Tage]

| Verfahren | Seriemittel | | 1260 Nyon | | 3065 Habstetten | | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 67.5 | --------- | 61.3 | --------- | 74.3 | -------- | 67.3 | --------- | 67.0 | --------- |
| P8609 | 63.9 | --- | 57.3 | --- | 72.0 | ------ | 62.3 | -- | 64.0 | --- |
| Walterinio KWS | 64.2 | ---- | 57.3 | --- | 71.3 | ----- | 63.7 | --- | 64.3 | --- |
| Figaro | 63.8 | --- | 57.3 | --- | 70.7 | ---- | 63.0 | -- | 64.0 | --- |
| Indexx | 63.0 | -- | 56.0 | - | 69.7 | --- | 62.0 | - | 64.3 | --- |
| LG 30.306 | 66.8 | -------- | 61.0 | -------- | 74.7 | --------- | 66.3 | ------- | 65.0 | ----- |
| Amaveritas | 64.3 | ---- | 56.7 | -- | 73.0 | ------- | 63.0 | -- | 64.3 | --- |
| RGT Karlaxx | 64.3 | ---- | 58.0 | ---- | 72.0 | ------ | 62.7 | -- | 64.7 | ---- |
| ER3584 | 64.3 | ---- | 57.0 | --- | 72.0 | ------ | 63.0 | -- | 65.0 | ----- |
| SM G0259 | 62.9 | -- | 56.3 | -- | 69.7 | --- | 62.0 | - | 63.7 | -- |
| P8666 | 65.1 | ----- | 58.3 | ----- | 72.7 | ------ | 64.0 | ---- | 65.3 | ----- |
| SB1385 | 63.4 | --- | 56.3 | -- | 70.0 | ---- | 63.0 | -- | 64.3 | --- |
| LZM365/48 | 63.9 | --- | 56.3 | -- | 72.7 | ------ | 63.0 | -- | 63.7 | -- |
| Supiter | 62.3 | - | 56.7 | -- | 67.3 | - | 62.0 | - | 63.3 | - |
| KXB6143 | 64.8 | ----- | 58.0 | ---- | 71.7 | ----- | 63.7 | --- | 66.0 | ------- |
| KXB6316 | 62.8 | -- | 56.0 | - | 68.3 | -- | 62.3 | -- | 64.3 | --- |
| DFI44980 | 63.8 | --- | 55.7 | - | 71.3 | ----- | 62.3 | -- | 65.7 | ------ |
| DFI45602 | 65.0 | ----- | 58.3 | ----- | 71.0 | ----- | 65.0 | ----- | 65.7 | ------ |
| ES Metronom | 61.9 | - | 55.3 | - | 67.7 | - | 61.7 | - | 63.0 | - |
| FÜLLSORTE | 63.8 | --- | 57.0 | --- | 70.0 | ---- | 62.7 | -- | 65.3 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 64.0 | ---- | 57.3 | --- | 71.7 | ----- | 63.0 | -- | 64.2 | --- |
| Versuchs-Mittel | 64.1 | ---- | 57.3 | --- | 71.1 | ----- | 63.3 | --- | 64.7 | ---- |
| | | | | | | | | | | |
| VK [%] | 1.5 | | 1.6 | | 1.4 | | 1.0 | | 1.7 | |
| KGD (5%) | 0.7 | | 1.5 | | 1.7 | | 1.0 | | 1.8 | |
| KGD (1%) | 1.0 | | 2.0 | | 2.3 | | 1.4 | | 2.4 | |
| Versuchs-Streuung | 0.9 | | 0.9 | | 1.0 | | 0.6 | | 1.1 | |
| FG Fehlerterm | 152.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 12.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 410.6 | 19 | 25.01 | *** | 1.66 | 0.0000 |
| Anbauorte | 5762.2 | 3 | 2222.99 | *** | 2.66 | 0.0000 |
| WW Verf.*Anb.Orte | 132.0 | 57 | 2.68 | *** | 1.41 | 0.0002 |
| Fehler | 131.3 | 152 | | | | |
| Insgesamt | 6436.2 | 231 | | | | |

## Période semis – floraison mâle [jours] / Zeit Saat – männl. Blüte [Tage]

| Verfahren | Seriemittel | | 1260 Nyon | | 3065 Habstetten | | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 65.9 | --------- | 57.7 | -------- | 72.0 | -------- | 67.0 | --------- | 67.0 | --------- |
| P8609 | 63.4 | ----- | 55.7 | ----- | 70.3 | ------- | 63.0 | -- | 64.7 | ---- |
| Walterinio KWS | 62.6 | ---- | 55.0 | ----- | 67.3 | ---- | 62.7 | -- | 65.3 | ----- |
| Figaro | 63.0 | ---- | 56.3 | ------ | 68.7 | ----- | 62.7 | -- | 64.3 | --- |
| Indexx | 62.6 | ---- | 54.3 | ---- | 68.7 | ----- | 62.0 | - | 65.3 | ----- |
| LG 30.306 | 65.7 | -------- | 58.7 | --------- | 72.3 | --------- | 66.3 | -------- | 65.3 | ----- |
| Amaveritas | 63.5 | ----- | 54.7 | ---- | 71.0 | ------- | 63.3 | --- | 65.0 | ---- |
| RGT Karlaxx | 63.3 | ----- | 55.7 | ----- | 70.0 | ------ | 62.3 | - | 65.3 | ----- |
| ER3584 | 62.4 | ---- | 54.7 | ---- | 67.3 | ---- | 62.3 | - | 65.3 | ----- |
| SM G0259 | 62.0 | --- | 54.3 | ---- | 67.3 | ---- | 62.3 | - | 64.0 | -- |
| P8666 | 64.1 | ------ | 56.3 | ------ | 70.7 | ------- | 64.0 | ---- | 65.3 | ----- |
| SB1385 | 61.8 | --- | 53.0 | --- | 66.7 | --- | 62.7 | -- | 64.7 | ---- |
| LZM365/48 | 62.2 | --- | 54.3 | ---- | 67.3 | ---- | 62.7 | -- | 64.3 | --- |
| Supiter | 60.3 | - | 51.0 | - | 64.0 | - | 62.0 | - | 64.3 | --- |
| KXB6143 | 63.8 | ----- | 56.7 | ------- | 69.0 | ----- | 63.3 | --- | 66.0 | ------ |
| KXB6316 | 62.4 | ---- | 54.7 | ---- | 67.3 | ---- | 62.3 | - | 65.3 | ----- |
| DFI44980 | 62.8 | ---- | 54.0 | ---- | 69.7 | ------ | 62.0 | - | 65.3 | ----- |
| DFI45602 | 63.3 | ----- | 54.0 | ---- | 68.0 | ---- | 65.3 | ------ | 66.0 | ------ |
| ES Metronom | 61.6 | -- | 53.7 | --- | 67.3 | ---- | 62.0 | - | 63.3 | - |
| FÜLLSORTE | 61.5 | -- | 53.0 | --- | 66.0 | --- | 62.0 | - | 65.0 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 63.0 | ---- | 55.3 | ----- | 68.8 | ----- | 62.8 | -- | 65.0 | ---- |
| Versuchs-Mittel | 62.9 | ---- | 54.9 | ----- | 68.6 | ----- | 63.1 | -- | 65.1 | ---- |
| | | | | | | | | | | |
| VK [%] | 1.5 | | 2.0 | | 1.2 | | 1.0 | | 1.6 | |
| KGD (5%) | 0.7 | | 1.8 | | 1.4 | | 1.1 | | ns | |
| KGD (1%) | 1.0 | | 2.4 | | 1.9 | | 1.4 | | ns | |
| Versuchs-Streuung | 0.9 | | 1.1 | | 0.8 | | 0.6 | | 1.0 | |
| FG Fehlerterm | 152.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 12.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 402.4 | 19 | 24.70 | *** | 1.66 | 0.0000 |
| Anbauorte | 6055.8 | 3 | 2354.19 | *** | 2.66 | 0.0000 |
| WW Verf.*Anb.Orte | 177.2 | 57 | 3.63 | *** | 1.41 | 0.0000 |
| Fehler | 130.3 | 152 | | | | |
| Insgesamt | 6765.8 | 231 | | | | |

## Hauteur [cm] / Pflanzenhöhe [cm]

| Verfahren | Seriemittel | | 1260 Nyon | | 3065 Habstetten | | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 292.1 | --------- | 296.7 | ------- | 295.0 | ------ | 270.0 | --------- | 306.7 | --------- |
| P8609 | 270.0 | ---- | 291.7 | ------- | 271.7 | - | 240.0 | -- | 276.7 | - |
| Walterinio KWS | 291.3 | -------- | 306.7 | --------- | 300.0 | ------- | 261.7 | ------- | 296.7 | ------ |
| Figaro | 272.5 | ---- | 280.0 | ----- | 285.0 | ---- | 240.0 | -- | 285.0 | --- |
| Indexx | 268.3 | --- | 278.3 | ----- | 275.0 | -- | 233.3 | - | 286.7 | --- |
| LG 30.306 | 291.7 | --------- | 298.3 | -------- | 298.3 | ------- | 263.3 | ------- | 306.7 | --------- |
| Amaveritas | 277.9 | ----- | 288.3 | ------ | 290.0 | ----- | 250.0 | ---- | 283.3 | -- |
| RGT Karlaxx | 283.3 | ------- | 291.7 | ------- | 306.7 | --------- | 251.7 | ----- | 283.3 | -- |
| ER3584 | 288.8 | -------- | 298.3 | -------- | 296.7 | ------ | 263.3 | ------- | 296.7 | ------ |
| SM G0259 | 267.9 | --- | 271.7 | ----- | 285.0 | ---- | 235.0 | - | 280.0 | - |
| P8666 | 274.2 | ----- | 290.0 | ------- | 275.0 | -- | 241.7 | -- | 290.0 | ---- |
| SB1385 | 271.3 | ---- | 280.0 | ----- | 280.0 | --- | 248.3 | ---- | 276.7 | - |
| LZM365/48 | 271.3 | ---- | 285.0 | ------ | 270.0 | - | 246.7 | ---- | 283.3 | -- |
| Supiter | 280.4 | ------ | 288.3 | ------ | 286.7 | ---- | 256.7 | ------ | 290.0 | ---- |
| KXB6143 | 280.0 | ------ | 290.0 | ------- | 295.0 | ------ | 248.3 | ---- | 286.7 | --- |
| KXB6316 | 255.8 | - | 238.3 | - | 275.0 | -- | 233.3 | - | 276.7 | - |
| DFI44980 | 273.8 | ----- | 278.3 | ----- | 281.7 | --- | 251.7 | ----- | 283.3 | -- |
| DFI45602 | 275.8 | ----- | 290.0 | ------- | 276.7 | -- | 255.0 | ----- | 281.7 | -- |
| ES Metronom | 276.7 | ----- | 281.7 | ------ | 283.3 | ---- | 255.0 | ----- | 286.7 | --- |
| FÜLLSORTE | 267.5 | --- | 266.7 | ---- | 278.3 | -- | 241.7 | -- | 283.3 | -- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 280.6 | ------ | 299.2 | -------- | 285.8 | ---- | 250.8 | ---- | 286.7 | --- |
| Versuchs-Mittel | 276.5 | ----- | 284.5 | ------ | 285.3 | ---- | 249.3 | ---- | 287.0 | --- |
| | | | | | | | | | | |
| VK [%] | 3.8 | | 5.3 | | 2.7 | | 3.3 | | 3.3 | |
| KGD (5%) | 8.5 | | 24.8 | | 12.6 | | 13.7 | | 15.7 | |
| KGD (1%) | 11.2 | | 33.3 | | 16.9 | | 18.3 | | 21.1 | |
| Versuchs-Streuung | 10.5 | | 15.0 | | 7.6 | | 8.3 | | 9.5 | |
| FG Fehlerterm | 152.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 12.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 20305.3 | 19 | 9.65 | *** | 1.66 | 0.0000 |
| Anbauorte | 59330.3 | 3 | 178.58 | *** | 2.66 | 0.0000 |
| WW Verf.*Anb.Orte | 8617.6 | 57 | 1.37 | ns | 1.41 | 0.0697 |
| Fehler | 16833.3 | 152 | | | | |
| Insgesamt | 105086.6 | 231 | | | | |

## Hauteur de l'épi [cm] / Ansatzhöhe des obersten Kolbens [cm]

| Verfahren | Seriemittel | | 1260 Nyon | | 3065 Habstetten | | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 143.3 | ------- | 153.3 | -------- | 146.7 | ------- | 131.7 | --------- | 141.7 | ---- |
| P8609 | 125.0 | -- | 130.0 | ---- | 123.3 | - | 110.0 | --- | 136.7 | -- |
| Walterinio KWS | 134.2 | ---- | 148.3 | ------- | 130.0 | -- | 115.0 | ---- | 143.3 | ---- |
| Figaro | 136.3 | ----- | 146.7 | ------- | 135.0 | ---- | 120.0 | ------ | 143.3 | ---- |
| Indexx | 133.8 | ---- | 140.0 | ------ | 140.0 | ----- | 113.3 | ---- | 141.7 | ---- |
| LG 30.306 | 149.2 | --------- | 155.0 | --------- | 153.3 | --------- | 130.0 | -------- | 158.3 | --------- |
| Amaveritas | 138.8 | ------ | 153.3 | -------- | 135.0 | ---- | 116.7 | ----- | 150.0 | ------ |
| RGT Karlaxx | 132.5 | ---- | 138.3 | ------ | 145.0 | ------ | 106.7 | -- | 140.0 | --- |
| ER3584 | 127.9 | --- | 131.7 | ----- | 130.0 | -- | 113.3 | ---- | 136.7 | -- |
| SM G0259 | 132.1 | ---- | 133.3 | ----- | 148.3 | ------- | 110.0 | --- | 136.7 | -- |
| P8666 | 132.9 | ---- | 140.0 | ------ | 128.3 | -- | 120.0 | ------ | 143.3 | ---- |
| SB1385 | 129.6 | --- | 133.3 | ----- | 135.0 | ---- | 113.3 | ---- | 136.7 | -- |
| LZM365/48 | 128.8 | --- | 140.0 | ------ | 133.3 | --- | 110.0 | --- | 131.7 | - |
| Supiter | 120.8 | - | 113.3 | - | 126.7 | - | 113.3 | ---- | 130.0 | - |
| KXB6143 | 135.0 | ----- | 141.7 | ------ | 138.3 | ----- | 111.7 | ---- | 148.3 | ------ |
| KXB6316 | 123.3 | - | 131.7 | ----- | 128.3 | -- | 100.0 | - | 133.3 | -- |
| DFI44980 | 128.8 | --- | 133.3 | ----- | 136.7 | ---- | 111.7 | ---- | 133.3 | -- |
| DFI45602 | 135.0 | ----- | 141.7 | ------ | 131.7 | --- | 121.7 | ------ | 145.0 | ----- |
| ES Metronom | 129.6 | --- | 130.0 | ---- | 133.3 | --- | 118.3 | ----- | 136.7 | -- |
| FÜLLSORTE | 122.5 | - | 108.3 | - | 141.7 | ----- | 108.3 | --- | 131.7 | - |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 129.6 | --- | 139.2 | ------ | 126.7 | - | 112.5 | ---- | 140.0 | --- |
| Versuchs-Mittel | 132.0 | ---- | 137.2 | ------ | 136.0 | ---- | 114.8 | ---- | 139.9 | --- |
| | | | | | | | | | | |
| VK [%] | 6.1 | | 6.3 | | 6.6 | | 6.0 | | 5.3 | |
| KGD (5%) | 6.5 | | 14.4 | | 14.9 | | 11.3 | | 12.2 | |
| KGD (1%) | 8.5 | | 19.2 | | ns | | 15.2 | | 16.3 | |
| Versuchs-Streuung | 8.0 | | 8.7 | | 9.0 | | 6.8 | | 7.4 | |
| FG Fehlerterm | 152.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 12.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 10825.4 | 19 | 8.84 | *** | 1.66 | 0.0000 |
| Anbauorte | 24175.4 | 3 | 125.08 | *** | 2.66 | 0.0000 |
| WW Verf.*Anb.Orte | 6912.1 | 57 | 1.88 | ** | 1.41 | 0.0012 |
| Fehler | 9792.5 | 152 | | | | |
| Insgesamt | 51705.4 | 231 | | | | |

## Hauteur relative de l'épi [%] / Relative Kolbenansatzhöhe [%]

| Verfahren | Seriemittel | | 1260 Nyon | | 3065 Habstetten | | 8046 Reckenholz ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 49.1 | ------- | 51.7 | ------ | 49.7 | ------ | 48.7 | ------- | 46.2 | -- |
| P8609 | 46.3 | ---- | 44.6 | --- | 45.4 | -- | 46.0 | ---- | 49.4 | ----- |
| Walterinio KWS | 46.0 | --- | 48.4 | ----- | 43.4 | - | 43.9 | -- | 48.4 | ---- |
| Figaro | 50.0 | -------- | 52.4 | ------ | 47.3 | ---- | 50.0 | --------- | 50.3 | ------ |
| Indexx | 49.8 | ------- | 50.3 | ----- | 50.9 | -------- | 48.6 | ------- | 49.4 | ----- |
| LG 30.306 | 51.1 | --------- | 51.9 | ------ | 51.4 | -------- | 49.4 | -------- | 51.6 | ------- |
| Amaveritas | 49.9 | ------- | 53.2 | ------- | 46.6 | ---- | 46.7 | ----- | 53.0 | --------- |
| RGT Karlaxx | 46.6 | ---- | 47.4 | ---- | 47.3 | ---- | 42.4 | - | 49.4 | ----- |
| ER3584 | 44.3 | -- | 44.2 | --- | 43.8 | - | 43.1 | - | 46.1 | -- |
| SM G0259 | 49.2 | ------- | 49.1 | ----- | 52.0 | --------- | 46.9 | ----- | 48.9 | ---- |
| P8666 | 48.5 | ------ | 48.2 | ---- | 46.7 | ---- | 49.6 | -------- | 49.4 | ----- |
| SB1385 | 47.7 | ----- | 47.6 | ---- | 48.2 | ----- | 45.6 | ---- | 49.4 | ----- |
| LZM365/48 | 47.4 | ----- | 49.1 | ----- | 49.5 | ------ | 44.7 | --- | 46.4 | -- |
| Supiter | 43.2 | - | 39.3 | - | 44.2 | - | 44.2 | -- | 45.1 | - |
| KXB6143 | 48.1 | ------ | 48.9 | ----- | 46.9 | ---- | 45.0 | --- | 51.7 | ------- |
| KXB6316 | 48.9 | ------ | 57.9 | --------- | 46.7 | ---- | 42.8 | - | 48.1 | ---- |
| DFI44980 | 47.0 | ---- | 47.9 | ---- | 48.5 | ----- | 44.4 | --- | 47.1 | --- |
| DFI45602 | 48.9 | ------ | 49.0 | ----- | 47.6 | ---- | 47.7 | ------ | 51.5 | ------- |
| ES Metronom | 46.9 | ---- | 46.2 | ---- | 47.1 | ---- | 46.4 | ----- | 47.7 | --- |
| FÜLLSORTE | 45.7 | --- | 40.6 | - | 51.0 | -------- | 44.8 | --- | 46.5 | -- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 46.2 | ---- | 46.5 | ---- | 44.4 | -- | 45.0 | --- | 48.9 | ---- |
| Versuchs-Mittel | 47.7 | ----- | 48.4 | ----- | 47.7 | ----- | 46.0 | ---- | 48.8 | ---- |
| | | | | | | | | | | |
| VK [%] | 6.8 | | 9.1 | | 6.8 | | 5.7 | | 4.9 | |
| KGD (5%) | 2.6 | | 7.3 | | ns | | 4.4 | | 3.9 | |
| KGD (1%) | 3.5 | | 9.8 | | ns | | ns | | 5.3 | |
| Versuchs-Streuung | 3.3 | | 4.4 | | 3.2 | | 2.6 | | 2.4 | |
| FG Fehlerterm | 152.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 12.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 923.5 | 19 | 4.57 | *** | 1.66 | 0.0000 |
| Anbauorte | 262.7 | 3 | 8.24 | *** | 2.66 | 0.0001 |
| WW Verf.*Anb.Orte | 1033.6 | 57 | 1.71 | ** | 1.41 | 0.0054 |
| Fehler | 1616.0 | 152 | | | | |
| Insgesamt | 3835.8 | 231 | | | | |

## Verse en végétation [%] / Wurzellagerung Vegetation [%]

| Verfahren | Seriemittel | | 8193 Eglisau ZH | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 13.8 | ----- | 7.9 | -- | 19.7 | -------- |
| P8609 | 2.7 | - | 1.1 | - | 4.4 | -- |
| Walterinio KWS | 3.9 | - | 1.7 | - | 6.1 | -- |
| Figaro | 2.0 | - | 1.8 | - | 2.2 | - |
| Indexx | 3.4 | - | 3.8 | - | 3.1 | - |
| LG 30.306 | 25.6 | --------- | 38.7 | --------- | 12.6 | ----- |
| Amaveritas | 2.6 | - | 1.1 | - | 4.0 | -- |
| RGT Karlaxx | 11.3 | ---- | 1.1 | - | 21.5 | --------- |
| ER3584 | 4.3 | - | 2.3 | - | 6.2 | -- |
| SM G0259 | 4.2 | - | 5.0 | -- | 3.3 | - |
| P8666 | 11.0 | ---- | 4.8 | -- | 17.2 | ------- |
| SB1385 | 13.9 | ----- | 22.2 | ----- | 5.6 | -- |
| LZM365/48 | 10.0 | --- | 16.6 | ---- | 3.4 | - |
| Supiter | 9.3 | --- | 14.5 | ---- | 4.1 | -- |
| KXB6143 | 6.8 | -- | 5.9 | -- | 7.8 | --- |
| KXB6316 | 4.0 | - | 3.6 | - | 4.4 | -- |
| DFI44980 | 7.4 | -- | 13.1 | --- | 1.6 | - |
| DFI45602 | 5.5 | -- | 0.0 | - | 11.0 | ---- |
| ES Metronom | 3.3 | - | 4.5 | -- | 2.1 | - |
| FÜLLSORTE | 7.6 | -- | 9.4 | --- | 5.8 | -- |
| | | | | | | |
| -Bezugsgrösse(n) | 3.3 | - | 1.4 | - | 5.2 | -- |
| Versuchs-Mittel | 7.6 | --- | 7.9 | -- | 7.3 | --- |
| | | | | | | |
| VK [%] | 128.0 | | 134.1 | | 120.1 | |
| KGD (5%) | 11.2 | | 17.6 | | ns | |
| KGD (1%) | ns | | ns | | ns | |
| Versuchs-Streuung | 9.8 | | 10.7 | | 8.8 | |
| FG Fehlerterm | 76.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 6.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 3652.8 | 19 | 2.02 | * | 1.73 | 0.0168 |
| Anbauorte | 12.3 | 1 | 0.13 | ns | 3.96 | 0.7198 |
| WW Verf.*Anb.Orte | 3407.4 | 19 | 1.88 | * | 1.73 | 0.0280 |
| Fehler | 7240.0 | 76 | | | | |
| Insgesamt | 14312.5 | 115 | | | | |

## Verse à la récolte [%] / Wurzellagerung Ernte [%]

| Verfahren | Seriemittel | | 8193 Eglisau ZH | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 23.3 | ------- | 5.2 | -- | 41.3 | ------ |
| P8609 | 18.4 | ----- | 0.0 | - | 36.9 | ------ |
| Walterinio KWS | 16.1 | ---- | 0.0 | - | 32.2 | ----- |
| Figaro | 20.2 | ------ | 1.2 | - | 39.3 | ------ |
| Indexx | 18.8 | ----- | 3.8 | -- | 33.9 | ----- |
| LG 30.306 | 24.0 | ------- | 24.7 | --------- | 23.3 | --- |
| Amaveritas | 19.4 | ----- | 0.0 | - | 38.8 | ------ |
| RGT Karlaxx | 26.8 | --------- | 0.6 | - | 53.0 | --------- |
| ER3584 | 17.2 | ---- | 0.0 | - | 34.5 | ----- |
| SM G0259 | 16.6 | ---- | 2.2 | - | 31.0 | ---- |
| P8666 | 16.3 | ---- | 1.3 | - | 31.4 | ---- |
| SB1385 | 26.7 | --------- | 14.7 | ----- | 38.7 | ------ |
| LZM365/48 | 12.3 | -- | 13.7 | ----- | 11.0 | - |
| Supiter | 10.2 | - | 7.3 | --- | 13.1 | - |
| KXB6143 | 19.1 | ----- | 1.2 | - | 37.0 | ------ |
| KXB6316 | 8.2 | - | 0.6 | - | 15.8 | -- |
| DFI44980 | 25.8 | -------- | 11.3 | ---- | 40.4 | ------ |
| DFI45602 | 15.6 | ---- | 0.6 | - | 30.6 | ---- |
| ES Metronom | 16.3 | ---- | 0.6 | - | 32.1 | ----- |
| FÜLLSORTE | 21.9 | ------ | 2.5 | - | 41.2 | ------ |
| | | | | | | |
| -Bezugsgrösse(n) | 17.3 | ----- | 0.0 | - | 34.5 | ----- |
| Versuchs-Mittel | 18.7 | ----- | 4.6 | -- | 32.8 | ----- |
| | | | | | | |
| VK [%] | 123.7 | | 141.6 | | 97.6 | |
| KGD (5%) | ns | | 10.7 | | ns | |
| KGD (1%) | ns | | 14.3 | | ns | |
| Versuchs-Streuung | 23.1 | | 6.5 | | 32.0 | |
| FG Fehlerterm | 76.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 6.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 2996.2 | 19 | 0.30 | ns | 1.73 | 0.9979 |
| Anbauorte | 23871.0 | 1 | 44.82 | *** | 3.96 | 0.0000 |
| WW Verf.*Anb.Orte | 5551.7 | 19 | 0.55 | ns | 1.73 | 0.9295 |
| Fehler | 40478.5 | 76 | | | | |
| Insgesamt | 72897.5 | 115 | | | | |

## Plantes cassées pend. végétation [note] / gebrochene Pflanzen während Vegetation [Note]

| Verfahren | Seriemittel | | 9452 Hinterforst SG | |
|---|---|---|---|---|
| Palmer | 3.5 | --------- | 3.5 | --------- |
| P8609 | 1.3 | - | 1.3 | - |
| Walterinio KWS | 2.7 | ------ | 2.7 | ------ |
| Figaro | 1.3 | - | 1.3 | - |
| Indexx | 1.8 | --- | 1.8 | --- |
| LG 30.306 | 3.0 | ------- | 3.0 | ------- |
| Amaveritas | 1.5 | -- | 1.5 | -- |
| RGT Karlaxx | 3.3 | -------- | 3.3 | -------- |
| ER3584 | 1.4 | - | 1.4 | - |
| SM G0259 | 2.7 | ------ | 2.7 | ------ |
| P8666 | 1.8 | --- | 1.8 | --- |
| SB1385 | 3.5 | --------- | 3.5 | --------- |
| LZM365/48 | 2.2 | ---- | 2.2 | ---- |
| Supiter | 1.5 | -- | 1.5 | -- |
| KXB6143 | 2.0 | --- | 2.0 | --- |
| KXB6316 | 2.5 | ----- | 2.5 | ----- |
| DFI44980 | 2.3 | ----- | 2.3 | ----- |
| DFI45602 | 3.5 | --------- | 3.5 | --------- |
| ES Metronom | 1.2 | - | 1.2 | - |
| FÜLLSORTE | 1.8 | --- | 1.8 | --- |
| -Bezugsgrösse(n) | 2.0 | --- | 2.0 | --- |
| Versuchs-Mittel | 2.2 | ---- | 2.2 | ---- |
| VK [%] | 63.7 | | 63.7 | |
| KGD (5%) | ns | | ns | |
| KGD (1%) | ns | | ns | |
| Versuchs-Streuung | 1.4 | | 1.4 | |
| FG Fehlerterm | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Plantes cassées à la récolte [%] / Stängelbruch Ernte [%]

| Verfahren | Seriemittel | | 1567 Delley FR | |
|---|---|---|---|---|
| Palmer | 1.5 | ---- | 1.5 | ---- |
| P8609 | 1.6 | --------- | 1.6 | --------- |
| Walterinio KWS | 1.4 | - | 1.4 | - |
| Figaro | 1.6 | --------- | 1.6 | --------- |
| Indexx | 1.4 | - | 1.4 | - |
| LG 30.306 | 1.5 | ---- | 1.5 | ---- |
| Amaveritas | 1.5 | ---- | 1.5 | ---- |
| RGT Karlaxx | 1.5 | ---- | 1.5 | ---- |
| ER3584 | 1.5 | ---- | 1.5 | ---- |
| SM G0259 | 1.5 | ---- | 1.5 | ---- |
| P8666 | 1.6 | --------- | 1.6 | --------- |
| SB1385 | 1.5 | ---- | 1.5 | ---- |
| LZM365/48 | 1.4 | - | 1.4 | - |
| Supiter | 1.5 | ---- | 1.5 | ---- |
| KXB6143 | 1.4 | - | 1.4 | - |
| KXB6316 | 1.6 | --------- | 1.6 | --------- |
| DFI44980 | 1.5 | ---- | 1.5 | ---- |
| DFI45602 | 1.5 | ---- | 1.5 | ---- |
| ES Metronom | 1.5 | ---- | 1.5 | ---- |
| FÜLLSORTE | 1.5 | ---- | 1.5 | ---- |
| -Bezugsgrösse(n) | 1.5 | ----- | 1.5 | ----- |
| Versuchs-Mittel | 1.5 | ---- | 1.5 | ---- |
| VK [%] | 7.9 | | 7.9 | |
| KGD (5%) | ns | | ns | |
| KGD (1%) | ns | | ns | |
| Versuchs-Streuung | 0.1 | | 0.1 | |
| FG Fehlerterm | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Charbon [%] / Beulenbrand [%]

| Verfahren | Seriemittel | | 1260 Nyon | | 3065 Habstetten | | 8193 Eglisau ZH | | 8566 Ellighausen TG | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 2.4 | - | 0.0 | - | 4.4 | -- | 0.0 | - | 5.2 | - |
| P8609 | 5.5 | --- | 0.8 | - | 8.0 | ---- | 0.0 | - | 13.2 | --- |
| Walterinio KWS | 13.2 | ------ | 11.9 | ------- | 11.6 | ----- | 10.4 | ------- | 18.8 | ---- |
| Figaro | 2.1 | - | 0.8 | - | 0.7 | - | 3.5 | --- | 3.3 | - |
| Indexx | 5.0 | -- | 3.5 | -- | 4.2 | -- | 2.9 | -- | 9.3 | -- |
| LG 30.306 | 1.3 | - | 2.5 | -- | 0.8 | - | 0.0 | - | 1.8 | - |
| Amaveritas | 10.5 | ----- | 6.8 | ---- | 7.1 | --- | 9.6 | ------- | 18.5 | ---- |
| RGT Karlaxx | 0.8 | - | 0.0 | - | 0.0 | - | 0.0 | - | 3.4 | - |
| ER3584 | 19.9 | --------- | 13.3 | -------- | 19.6 | -------- | 1.7 | -- | 44.9 | --------- |
| SM G0259 | 0.7 | - | 0.4 | - | 1.1 | - | 0.6 | - | 0.6 | - |
| P8666 | 20.1 | --------- | 15.0 | --------- | 20.3 | --------- | 4.9 | ---- | 40.2 | -------- |
| SB1385 | 1.0 | - | 0.8 | - | 1.2 | - | 1.0 | - | 1.1 | - |
| LZM365/48 | 13.5 | ------ | 3.9 | --- | 15.7 | ------- | 12.1 | --------- | 22.2 | ----- |
| Supiter | 7.8 | ---- | 9.1 | ----- | 4.2 | -- | 4.7 | ---- | 13.0 | --- |
| KXB6143 | 2.0 | - | 1.2 | - | 0.8 | - | 4.2 | --- | 1.7 | - |
| KXB6316 | 2.0 | - | 0.7 | - | 1.9 | - | 4.2 | --- | 1.1 | - |
| DFI44980 | 1.6 | - | 0.0 | - | 0.0 | - | 5.2 | ---- | 1.1 | - |
| DFI45602 | 7.8 | ---- | 3.2 | -- | 4.6 | -- | 5.7 | ---- | 17.5 | ---- |
| ES Metronom | 8.7 | ---- | 3.7 | --- | 12.0 | ----- | 9.1 | ------- | 10.0 | -- |
| FÜLLSORTE | 12.4 | ----- | 8.6 | ----- | 9.4 | ---- | 9.4 | ------- | 22.2 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 9.3 | ---- | 6.4 | ---- | 9.8 | ---- | 5.2 | ---- | 16.0 | --- |
| Versuchs-Mittel | 6.9 | --- | 4.3 | --- | 6.4 | --- | 4.5 | ---- | 12.5 | --- |
| | | | | | | | | | | |
| VK [%] | 66.3 | | 87.4 | | 49.0 | | 89.4 | | 53.1 | |
| KGD (5%) | 3.7 | | 6.2 | | 5.2 | | 6.6 | | 10.9 | |
| KGD (1%) | 4.9 | | 8.3 | | 6.9 | | 8.8 | | 14.7 | |
| Versuchs-Streuung | 4.6 | | 3.8 | | 3.1 | | 4.0 | | 6.6 | |
| FG Fehlerterm | 152.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 12.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 8905.9 | 19 | 22.39 | *** | 1.66 | 0.0000 |
| Anbauorte | 2636.7 | 3 | 41.98 | *** | 2.66 | 0.0000 |
| WW Verf.*Anb.Orte | 4976.8 | 57 | 4.17 | *** | 1.41 | 0.0000 |
| Fehler | 3182.3 | 152 | | | | |
| Insgesamt | 19701.7 | 231 | | | | |

## Fusariose sur épi [note] / Fusarien auf Kolben [Note]

| Verfahren | Seriemittel | | 9452 Hinterforst SG | |
|---|---|---|---|---|
| Palmer | 1.7 | - | 1.7 | - |
| P8609 | 3.0 | --- | 3.0 | --- |
| Walterinio KWS | 4.5 | ------ | 4.5 | ------ |
| Figaro | 3.7 | ---- | 3.7 | ---- |
| Indexx | 4.2 | ----- | 4.2 | ----- |
| LG 30.306 | 2.2 | -- | 2.2 | -- |
| Amaveritas | 2.8 | --- | 2.8 | --- |
| RGT Karlaxx | 1.7 | - | 1.7 | - |
| ER3584 | 1.2 | - | 1.2 | - |
| SM G0259 | 2.6 | --- | 2.6 | --- |
| P8666 | 1.9 | -- | 1.9 | -- |
| SB1385 | 4.7 | ------ | 4.7 | ------ |
| LZM365/48 | 6.5 | --------- | 6.5 | --------- |
| Supiter | 4.3 | ----- | 4.3 | ----- |
| KXB6143 | 2.5 | --- | 2.5 | --- |
| KXB6316 | 4.3 | ----- | 4.3 | ----- |
| DFI44980 | 3.5 | ---- | 3.5 | ---- |
| DFI45602 | 1.4 | - | 1.4 | - |
| ES Metronom | 3.3 | ---- | 3.3 | ---- |
| FÜLLSORTE | 4.5 | ------ | 4.5 | ------ |
| | | | | |
| -Bezugsgrösse(n) | 3.8 | ---- | 3.8 | ---- |
| Versuchs-Mittel | 3.2 | ---- | 3.2 | ---- |
| | | | | |
| VK [%] | 53.3 | | 55.7 | |
| KGD (5%) | 2.8 | | 2.8 | |
| KGD (1%) | ns | | ns | |
| Versuchs-Streuung | 1.7 | | 1.7 | |
| FG Fehlerterm | 37.0 | | 37.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Pyrales, plantes touchées [%] / mit Maiszünsler befallene Pflanzen [%]

| Verfahren | Seriemittel | | 1260 Nyon | | 3065 Habstetten | |
|---|---|---|---|---|---|---|
| Palmer | 2.0 | -- | 2.8 | --- | 1.2 | -- |
| P8609 | 2.1 | -- | 1.2 | - | 2.9 | ----- |
| Walterinio KWS | 6.8 | --------- | 9.8 | --------- | 3.7 | ------- |
| Figaro | 2.8 | --- | 2.7 | --- | 3.0 | ------ |
| Indexx | 3.9 | ----- | 3.1 | --- | 4.6 | --------- |
| LG 30.306 | 0.8 | - | 0.8 | - | 0.8 | - |
| Amaveritas | 3.4 | ---- | 5.3 | ----- | 1.5 | --- |
| RGT Karlaxx | 1.8 | -- | 2.8 | --- | 0.8 | - |
| ER3584 | 1.3 | - | 1.3 | - | 1.2 | -- |
| SM G0259 | 2.3 | --- | 4.3 | ---- | 0.4 | - |
| P8666 | 1.8 | -- | 2.4 | -- | 1.2 | -- |
| SB1385 | 1.9 | -- | 1.9 | -- | 1.9 | --- |
| LZM365/48 | 2.5 | --- | 2.7 | --- | 2.3 | ---- |
| Supiter | 3.9 | ----- | 4.5 | ---- | 3.3 | ------ |
| KXB6143 | 0.8 | - | 0.4 | - | 1.1 | -- |
| KXB6316 | 3.5 | ---- | 4.0 | ---- | 3.1 | ------ |
| DFI44980 | 2.5 | --- | 3.1 | --- | 2.0 | ---- |
| DFI45602 | 4.4 | ----- | 4.8 | ---- | 3.9 | ------- |
| ES Metronom | 2.5 | --- | 3.5 | --- | 1.6 | --- |
| FÜLLSORTE | 2.5 | --- | 2.6 | -- | 2.4 | ---- |
| | | | | | | |
| -Bezugsgrösse(n) | 4.4 | ----- | 5.5 | ----- | 3.3 | ------ |
| Versuchs-Mittel | 2.7 | --- | 3.2 | --- | 2.1 | ---- |
| | | | | | | |
| VK [%] | 70.2 | | 64.9 | | 77.0 | |
| KGD (5%) | 2.2 | | 3.4 | | ns | |
| KGD (1%) | 2.9 | | 4.6 | | ns | |
| Versuchs-Streuung | 1.9 | | 2.1 | | 1.7 | |
| FG Fehlerterm | 76.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 6.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 217.3 | 19 | 3.24 | *** | 1.73 | 0.0004 |
| Anbauorte | 33.3 | 1 | 9.43 | ** | 3.96 | 0.0030 |
| WW Verf.*Anb.Orte | 100.3 | 19 | 1.49 | ns | 1.73 | 0.1120 |
| Fehler | 268.4 | 76 | | | | |
| Insgesamt | 619.3 | 115 | | | | |

## Impression générale [note] / Allgemeiner Eindruck [Note]

| Verfahren | Seriemittel | | 1567 Delley FR | |
|---|---|---|---|---|
| Palmer | 2.7 | - | 2.7 | - |
| P8609 | 4.3 | ----- | 4.3 | ----- |
| Walterinio KWS | 3.0 | - | 3.0 | - |
| Figaro | 3.0 | - | 3.0 | - |
| Indexx | 4.3 | ----- | 4.3 | ----- |
| LG 30.306 | 3.3 | -- | 3.3 | -- |
| Amaveritas | 3.7 | --- | 3.7 | --- |
| RGT Karlaxx | 4.0 | ---- | 4.0 | ---- |
| ER3584 | 4.0 | ---- | 4.0 | ---- |
| SM G0259 | 3.7 | --- | 3.7 | --- |
| P8666 | 2.7 | - | 2.7 | - |
| SB1385 | 5.7 | -------- | 5.7 | -------- |
| LZM365/48 | 4.0 | ---- | 4.0 | ---- |
| Supiter | 5.7 | -------- | 5.7 | -------- |
| KXB6143 | 4.0 | ---- | 4.0 | ---- |
| KXB6316 | 5.3 | ------- | 5.3 | ------- |
| DFI44980 | 4.3 | ----- | 4.3 | ----- |
| DFI45602 | 3.7 | --- | 3.7 | --- |
| ES Metronom | 4.3 | ----- | 4.3 | ----- |
| FÜLLSORTE | 6.0 | --------- | 6.0 | --------- |
| | | | | |
| -Bezugsgrösse(n) | 3.7 | --- | 3.7 | --- |
| Versuchs-Mittel | 4.1 | ---- | 4.1 | ---- |
| | | | | |
| VK [%] | 19.6 | | 19.6 | |
| KGD (5%) | 1.3 | | 1.3 | |
| KGD (1%) | 1.8 | | 1.8 | |
| Versuchs-Streuung | 0.8 | | 0.8 | |
| FG Fehlerterm | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | |

## Densité [plantes/m²] / Bestandesdichte [Pflanzen/m²]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 8.8 | ---- | 8.1 | --- | 7.8 | --- | 8.4 | --- | 9.5 | ------- |
| P8609 | 9.0 | ----- | 8.4 | ----- | 7.8 | - | 8.3 | --- | 8.9 | --- |
| Walterinio KWS | 9.0 | ------ | 8.0 | -- | 7.8 | --------- | 8.9 | ------- | 9.0 | ---- |
| Figaro | 9.0 | ------ | 8.6 | ------- | 7.8 | - | 8.9 | ------- | 9.4 | ------ |
| Indexx | 9.1 | ------ | 8.6 | ------- | 7.8 | --------- | 8.6 | ----- | 9.7 | -------- |
| LG 30.306 | 8.9 | ---- | 8.5 | ------ | 7.8 | --- | 8.4 | --- | 9.3 | ----- |
| Amaveritas | 9.2 | -------- | 8.8 | ---------- | 7.8 | --- | 8.6 | ----- | 9.8 | -------- |
| RGT Karlaxx | 9.0 | ----- | 8.3 | ----- | 7.8 | --- | 8.3 | --- | 9.5 | ------ |
| ER3584 | 8.7 | -- | 7.8 | - | 7.8 | --- | 8.0 | - | 9.0 | --- |
| SM G0259 | 8.9 | ----- | 8.6 | ------- | 7.8 | --- | 8.6 | ----- | 8.9 | --- |
| P8666 | 8.8 | --- | 8.2 | ---- | 7.8 | - | 8.6 | ----- | 9.0 | --- |
| SB1385 | 9.1 | ------- | 8.6 | ------- | 7.8 | --- | 8.7 | ------ | 9.5 | ------ |
| LZM365/48 | 8.8 | --- | 8.6 | ------- | 7.8 | --------- | 8.5 | ---- | 9.1 | ---- |
| Supiter | 9.3 | --------- | 8.1 | --- | 7.8 | --- | 9.1 | --------- | 9.7 | -------- |
| KXB6143 | 9.2 | -------- | 8.5 | ------ | 7.8 | --------- | 8.8 | ------- | 9.8 | --------- |
| KXB6316 | 9.1 | ------- | 8.6 | ------- | 7.8 | - | 8.5 | ---- | 9.8 | --------- |
| DFI44980 | 8.9 | ----- | 8.7 | ------- | 7.8 | --- | 8.4 | --- | 9.2 | ---- |
| DFI45602 | 9.0 | ------ | 8.3 | ----- | 7.8 | --- | 8.6 | ----- | 9.8 | -------- |
| ES Metronom | 8.8 | --- | 7.8 | - | 7.8 | --- | 8.3 | --- | 9.2 | ---- |
| FÜLLSORTE | 8.5 | - | 7.8 | - | 7.8 | --- | 8.2 | -- | 8.5 | - |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 9.0 | ------ | 8.2 | ---- | 7.8 | ----- | 8.6 | ----- | 9.0 | --- |
| Versuchs-Mittel | 8.9 | ----- | 8.4 | ----- | 7.8 | ---- | 8.5 | ---- | 9.3 | ------ |
| | | | | | | | | | | |
| VK [%] | 4.2 | | 3.8 | | 0.6 | | 4.3 | | 4.6 | |
| KGD (5%) | 0.2 | | 0.5 | | ns | | ns | | 0.7 | |
| KGD (1%) | 0.3 | | 0.7 | | ns | | ns | | ns | |
| Versuchs-Streuung | 0.4 | | 0.3 | | 0.0 | | 0.4 | | 0.4 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 12.1 | 19 | 4.47 | *** | 1.63 | 0.0000 |
| Anbauorte | 191.1 | 6 | 223.56 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 22.9 | 114 | 1.41 | ns | 1.29 | |
| Fehler | 37.9 | 266 | | | | |
| Insgesamt | 264.1 | 405 | | | | |

## Densité [plantes/m$^2$] / Bestandesdichte [Pflanzen/m$^2$]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 8.9 | -- | 9.4 | ---- | 9.7 | -- |
| P8609 | 10.0 | --------- | 9.8 | ------- | 9.7 | -- |
| Walterinio KWS | 9.8 | ------- | 9.8 | ------- | 9.6 | -- |
| Figaro | 9.5 | ----- | 9.6 | ------ | 9.4 | - |
| Indexx | 9.2 | ---- | 9.7 | ------ | 9.8 | --- |
| LG 30.306 | 8.9 | -- | 9.5 | ---- | 9.8 | -- |
| Amaveritas | 9.7 | ------- | 9.4 | ---- | 10.1 | ---- |
| RGT Karlaxx | 9.6 | ------ | 9.6 | ------ | 9.5 | - |
| ER3584 | 9.2 | ---- | 9.7 | ------- | 9.5 | - |
| SM G0259 | 9.6 | ------ | 9.0 | - | 9.9 | --- |
| P8666 | 8.9 | -- | 9.3 | --- | 9.5 | - |
| SB1385 | 9.6 | ------ | 9.8 | ------- | 9.6 | -- |
| LZM365/48 | 9.0 | --- | 9.0 | - | 9.5 | - |
| Supiter | 9.3 | ---- | 10.0 | --------- | 10.8 | --------- |
| KXB6143 | 9.4 | ----- | 9.5 | ----- | 10.3 | ----- |
| KXB6316 | 9.3 | ---- | 9.5 | ---- | 10.3 | ------ |
| DFI44980 | 9.5 | ----- | 9.4 | ---- | 9.7 | -- |
| DFI45602 | 9.3 | ---- | 9.2 | -- | 10.1 | ---- |
| ES Metronom | 9.5 | ----- | 9.2 | -- | 9.8 | --- |
| FÜLLSORTE | 8.7 | - | 9.1 | -- | 9.7 | -- |
| | | | | | | |
| -Bezugsgrösse(n) | 9.9 | ------- | 9.8 | ------- | 9.6 | -- |
| Versuchs-Mittel | 9.4 | ----- | 9.5 | ---- | 9.8 | --- |
| | | | | | | |
| VK [%] | 4.3 | | 3.9 | | 5.3 | |
| KGD (5%) | 0.7 | | ns | | ns | |
| KGD (1%) | ns | | ns | | ns | |
| Versuchs-Streuung | 0.4 | | 0.4 | | 0.5 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Rendement brut [dt/ha] / Frischertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 670.3 | --------- | 754.2 | --------- | 442.2 | -------- | 786.4 | --------- | 741.6 | --------- |
| P8609 | 560.5 | --- | 630.1 | -- | 376.3 | ---- | 636.9 | -- | 569.5 | - |
| Walterinio KWS | 626.5 | ------ | 697.5 | ----- | 432.6 | ------- | 753.3 | ------- | 598.6 | -- |
| Figaro | 601.7 | ----- | 679.8 | ---- | 408.8 | ------ | 707.8 | ----- | 624.9 | --- |
| Indexx | 598.6 | ----- | 648.6 | --- | 415.1 | ------ | 689.8 | ---- | 616.4 | --- |
| LG 30.306 | 651.2 | -------- | 726.1 | ------- | 456.9 | --------- | 758.5 | ------- | 684.2 | ------ |
| Amaveritas | 564.8 | --- | 654.0 | --- | 376.5 | ---- | 671.9 | --- | 589.4 | -- |
| RGT Karlaxx | 635.5 | ------- | 710.6 | ------ | 393.2 | ----- | 730.4 | ------ | 702.3 | ------- |
| ER3584 | 577.8 | --- | 635.1 | -- | 419.5 | ------ | 628.4 | - | 598.2 | -- |
| SM G0259 | 567.0 | --- | 641.4 | -- | 362.7 | --- | 733.1 | ------ | 590.9 | -- |
| P8666 | 593.9 | ---- | 682.2 | ----- | 409.2 | ------ | 667.7 | --- | 565.2 | - |
| SB1385 | 573.4 | --- | 656.7 | --- | 353.9 | --- | 649.3 | -- | 617.0 | --- |
| LZM365/48 | 622.8 | ------ | 659.7 | --- | 426.0 | ------- | 713.7 | ----- | 652.8 | ----- |
| Supiter | 569.1 | --- | 658.4 | --- | 371.2 | ---- | 613.7 | - | 626.0 | --- |
| KXB6143 | 574.6 | --- | 630.3 | -- | 404.1 | ------ | 654.9 | --- | 603.0 | -- |
| KXB6316 | 525.5 | - | 609.5 | - | 319.9 | - | 612.5 | - | 592.3 | -- |
| DFI44980 | 558.8 | -- | 629.4 | -- | 361.1 | --- | 674.7 | --- | 601.1 | -- |
| DFI45602 | 561.7 | --- | 642.7 | -- | 431.9 | ------- | 618.5 | - | 599.1 | -- |
| ES Metronom | 591.7 | ---- | 651.0 | --- | 391.8 | ----- | 686.7 | ---- | 636.8 | ---- |
| FÜLLSORTE | 549.8 | -- | 645.9 | --- | 381.5 | ---- | 612.3 | - | 590.3 | -- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 593.5 | ---- | 663.8 | ---- | 404.5 | ------ | 695.1 | ---- | 584.1 | - |
| Versuchs-Mittel | 588.8 | ---- | 662.2 | ---- | 396.7 | ----- | 680.0 | ---- | 620.0 | --- |
| | | | | | | | | | | |
| VK [%] | 6.1 | | 6.0 | | 7.9 | | 3.9 | | 5.9 | |
| KGD (5%) | 21.7 | | 65.6 | | 51.8 | | 43.6 | | 60.8 | |
| KGD (1%) | 28.6 | | 87.9 | | 69.4 | | 58.4 | | 81.4 | |
| Versuchs-Streuung | 35.8 | | 39.7 | | 31.4 | | 26.4 | | 36.8 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 536605.5 | 19 | 22.09 | *** | 1.63 | 0.0000 |
| Anbauorte | 5807115.4 | 6 | 756.95 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 254837.9 | 114 | 1.75 | ns | 1.29 | |
| Fehler | 340112.7 | 266 | | | | |
| Insgesamt | 6938671.5 | 405 | | | | |

## Rendement brut [dt/ha] / Frischertrag [dt/ha]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 651.2 | --------- | 830.8 | -------- | 485.3 | ------ |
| P8609 | 511.0 | -- | 717.8 | --- | 481.8 | ----- |
| Walterinio KWS | 556.2 | ---- | 802.5 | ------- | 544.5 | -------- |
| Figaro | 528.8 | --- | 749.4 | ---- | 512.3 | ------- |
| Indexx | 546.7 | ---- | 783.1 | ------ | 490.7 | ------ |
| LG 30.306 | 628.7 | -------- | 813.4 | ------- | 490.5 | ------ |
| Amaveritas | 531.3 | --- | 685.8 | - | 444.6 | ---- |
| RGT Karlaxx | 570.3 | ----- | 846.4 | --------- | 495.7 | ------ |
| ER3584 | 561.5 | ----- | 729.2 | --- | 473.0 | ----- |
| SM G0259 | 484.1 | - | 733.2 | ---- | 423.4 | --- |
| P8666 | 567.0 | ----- | 755.3 | ----- | 511.0 | ------- |
| SB1385 | 504.3 | -- | 753.5 | ---- | 479.4 | ----- |
| LZM365/48 | 546.8 | ---- | 813.8 | ------- | 546.8 | --------- |
| Supiter | 470.4 | - | 766.7 | ----- | 477.3 | ----- |
| KXB6143 | 519.7 | --- | 774.5 | ----- | 435.7 | --- |
| KXB6316 | 492.9 | -- | 666.3 | - | 384.8 | - |
| DFI44980 | 480.4 | - | 748.3 | ---- | 416.6 | -- |
| DFI45602 | 513.3 | -- | 698.2 | -- | 428.6 | --- |
| ES Metronom | 539.9 | ---- | 784.9 | ------ | 451.0 | ---- |
| FÜLLSORTE | 475.4 | - | 692.1 | -- | 451.0 | ---- |
| | | | | | | |
| -Bezugsgrösse(n) | 533.6 | --- | 760.2 | ----- | 513.2 | ------- |
| Versuchs-Mittel | 534.0 | --- | 757.3 | ----- | 471.2 | ----- |
| | | | | | | |
| VK [%] | 7.5 | | 4.4 | | 8.5 | |
| KGD (5%) | 66.6 | | 55.1 | | 66.3 | |
| KGD (1%) | 89.2 | | 73.7 | | 88.8 | |
| Versuchs-Streuung | 40.3 | | 33.3 | | 40.1 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Rendement en matière sèche [dt/ha] / TS Ertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 236.4 | -------- | 211.4 | ---- | 151.6 | ---- | 246.9 | ------- | 288.8 | --------- |
| P8609 | 228.1 | ------ | 216.0 | ----- | 151.9 | ---- | 232.8 | ----- | 259.5 | --- |
| Walterinio KWS | 234.9 | -------- | 225.7 | ------- | 166.2 | -------- | 247.9 | ------- | 255.3 | --- |
| Figaro | 233.7 | ------- | 224.2 | ------ | 163.4 | ------- | 253.9 | ------- | 256.5 | --- |
| Indexx | 223.0 | ----- | 200.3 | -- | 153.2 | ----- | 225.7 | ---- | 259.1 | --- |
| LG 30.306 | 236.4 | -------- | 210.5 | ---- | 161.4 | ------- | 248.0 | ------- | 287.2 | -------- |
| Amaveritas | 224.5 | ----- | 199.2 | -- | 154.6 | ----- | 246.3 | ------- | 253.8 | -- |
| RGT Karlaxx | 234.6 | -------- | 219.3 | ------ | 155.7 | ----- | 248.4 | ------- | 280.6 | ------- |
| ER3584 | 221.8 | ----- | 202.1 | -- | 161.5 | ------- | 215.5 | --- | 253.1 | -- |
| SM G0259 | 229.1 | ------ | 208.5 | --- | 145.9 | --- | 264.3 | --------- | 261.9 | ---- |
| P8666 | 238.9 | --------- | 235.6 | --------- | 167.4 | -------- | 239.9 | ------ | 258.4 | --- |
| SB1385 | 225.8 | ------ | 219.1 | ----- | 142.9 | -- | 249.2 | ------- | 259.0 | --- |
| LZM365/48 | 230.2 | ------- | 208.8 | ---- | 155.0 | ----- | 243.7 | ------ | 272.7 | ------ |
| Supiter | 218.0 | ---- | 218.4 | ----- | 145.2 | -- | 215.8 | --- | 256.5 | --- |
| KXB6143 | 234.4 | -------- | 217.1 | ----- | 162.3 | ------- | 250.3 | ------- | 255.4 | --- |
| KXB6316 | 220.3 | ---- | 214.2 | ----- | 138.6 | - | 231.9 | ----- | 256.2 | --- |
| DFI44980 | 217.8 | ---- | 205.1 | --- | 141.4 | - | 222.2 | ---- | 263.9 | ---- |
| DFI45602 | 221.9 | ----- | 206.8 | --- | 168.0 | --------- | 219.5 | --- | 248.9 | - |
| ES Metronom | 228.8 | ------ | 225.7 | ------- | 155.5 | ----- | 241.2 | ------ | 263.0 | ---- |
| FÜLLSORTE | 202.9 | - | 193.2 | - | 141.5 | - | 195.9 | - | 243.9 | - |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 231.5 | ------- | 220.8 | ------ | 159.1 | ------ | 240.3 | ------ | 257.4 | --- |
| Versuchs-Mittel | 227.1 | ------ | 213.1 | ---- | 154.2 | ----- | 237.0 | ----- | 261.7 | ---- |
| | | | | | | | | | | |
| VK [%] | 6.5 | | 8.3 | | 8.0 | | 6.9 | | 6.4 | |
| KGD (5%) | 9.0 | | ns | | ns | | 26.9 | | ns | |
| KGD (1%) | 11.9 | | ns | | ns | | 36.0 | | ns | |
| Versuchs-Streuung | 14.8 | | 17.7 | | 12.3 | | 16.3 | | 16.8 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 29920.9 | 19 | 7.17 | *** | 1.63 | 0.0000 |
| Anbauorte | 699783.4 | 6 | 530.86 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 27627.1 | 114 | 1.10 | ns | 1.29 | |
| Fehler | 58440.6 | 266 | | | | |
| Insgesamt | 815771.9 | 405 | | | | |

## Rendement en matière sèche [dt/ha] / TS Ertrag [dt/ha]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 243.7 | --------- | 313.3 | -------- | 198.9 | --- |
| P8609 | 232.7 | ------- | 291.3 | ----- | 212.8 | ------ |
| Walterinio KWS | 234.2 | ------- | 291.9 | ----- | 223.3 | -------- |
| Figaro | 225.8 | ------ | 291.0 | ----- | 221.1 | ------- |
| Indexx | 229.8 | ------ | 294.0 | ----- | 199.2 | --- |
| LG 30.306 | 238.1 | -------- | 303.3 | ------- | 206.4 | ----- |
| Amaveritas | 229.6 | ------ | 286.4 | ---- | 201.5 | ---- |
| RGT Karlaxx | 235.6 | ------- | 300.7 | ------ | 201.7 | ---- |
| ER3584 | 231.1 | ------ | 282.8 | ---- | 206.6 | ----- |
| SM G0259 | 224.3 | ----- | 292.1 | ----- | 207.0 | ----- |
| P8666 | 243.8 | --------- | 300.2 | ------ | 226.7 | --------- |
| SB1385 | 219.2 | ---- | 291.3 | ----- | 200.3 | --- |
| LZM365/48 | 221.7 | ----- | 294.7 | ----- | 214.7 | ------ |
| Supiter | 204.5 | -- | 281.7 | --- | 203.8 | ---- |
| KXB6143 | 233.1 | ------- | 316.1 | --------- | 206.3 | ----- |
| KXB6316 | 223.9 | ----- | 290.2 | ----- | 187.2 | - |
| DFI44980 | 212.4 | --- | 289.3 | ----- | 190.3 | - |
| DFI45602 | 219.0 | ---- | 292.0 | ----- | 198.8 | --- |
| ES Metronom | 228.6 | ------ | 293.6 | ----- | 194.1 | -- |
| FÜLLSORTE | 196.1 | - | 263.3 | - | 186.3 | - |
| | | | | | | |
| -Bezugsgrösse(n) | 233.5 | ------- | 291.6 | ----- | 218.1 | ------- |
| Versuchs-Mittel | 226.4 | ------ | 293.0 | ----- | 204.4 | ---- |
| | | | | | | |
| VK [%] | 5.6 | | 4.4 | | 6.9 | |
| KGD (5%) | 20.9 | | 21.4 | | 23.4 | |
| KGD (1%) | 28.0 | | ns | | ns | |
| Versuchs-Streuung | 12.6 | | 12.9 | | 14.1 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Précocité [% MS] / Frühreife [% TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 35.6 | - | 28.1 | - | 34.3 | - | 31.3 | - | 39.0 | - |
| P8609 | 41.1 | ------- | 34.3 | -------- | 40.4 | ------ | 36.6 | ------- | 45.7 | --------- |
| Walterinio KWS | 38.1 | --- | 32.4 | ------ | 38.5 | ---- | 32.9 | -- | 42.6 | ----- |
| Figaro | 39.3 | ----- | 33.0 | ------ | 40.0 | ------ | 35.9 | ------ | 41.0 | --- |
| Indexx | 37.6 | --- | 31.1 | ---- | 36.9 | --- | 32.7 | -- | 42.1 | ---- |
| LG 30.306 | 36.7 | -- | 29.0 | -- | 35.3 | - | 32.8 | -- | 42.0 | ---- |
| Amaveritas | 40.3 | ------ | 30.5 | --- | 41.1 | ------- | 36.7 | ------- | 43.1 | ----- |
| RGT Karlaxx | 37.4 | --- | 30.8 | ---- | 39.6 | ----- | 34.0 | ---- | 40.0 | -- |
| ER3584 | 38.7 | ---- | 31.8 | ----- | 38.5 | ---- | 34.3 | ---- | 42.3 | ----- |
| SM G0259 | 41.2 | ------- | 32.6 | ------ | 40.2 | ------ | 36.1 | ------ | 44.4 | ------- |
| P8666 | 40.6 | ------ | 34.4 | -------- | 40.9 | ------ | 36.0 | ------ | 45.8 | --------- |
| SB1385 | 39.7 | ----- | 33.4 | ------- | 40.4 | ------ | 38.2 | --------- | 42.0 | ---- |
| LZM365/48 | 37.1 | -- | 31.7 | ----- | 36.3 | -- | 34.1 | ---- | 41.8 | ---- |
| Supiter | 38.8 | ---- | 33.3 | ------- | 39.1 | ----- | 35.2 | ----- | 41.0 | --- |
| KXB6143 | 41.2 | ------- | 34.5 | -------- | 40.2 | ------ | 38.2 | --------- | 42.3 | ----- |
| KXB6316 | 42.5 | --------- | 35.1 | --------- | 43.5 | --------- | 37.9 | -------- | 43.3 | ------ |
| DFI44980 | 39.6 | ----- | 32.6 | ------ | 39.2 | ----- | 32.9 | -- | 44.0 | ------- |
| DFI45602 | 40.0 | ------ | 32.6 | ------ | 38.8 | ----- | 35.5 | ----- | 41.6 | ---- |
| ES Metronom | 39.1 | ----- | 34.7 | -------- | 39.7 | ----- | 35.1 | ----- | 41.3 | --- |
| FÜLLSORTE | 37.3 | --- | 29.9 | --- | 37.1 | --- | 32.0 | - | 41.4 | --- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 39.6 | ----- | 33.4 | ------- | 39.5 | ----- | 34.8 | ----- | 44.2 | ------- |
| Versuchs-Mittel | 39.1 | ----- | 32.3 | ----- | 39.0 | ----- | 34.9 | ----- | 42.3 | ----- |
| | | | | | | | | | | |
| VK [%] | 4.4 | | 8.3 | | 2.8 | | 5.1 | | 3.8 | |
| KGD (5%) | 1.0 | | ns | | 1.8 | | 2.9 | | 2.7 | |
| KGD (1%) | 1.4 | | ns | | 2.4 | | 3.9 | | 3.6 | |
| Versuchs-Streuung | 1.7 | | 2.7 | | 1.1 | | 1.8 | | 1.6 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 1269.1 | 19 | 22.81 | *** | 1.63 | 0.0000 |
| Anbauorte | 6442.1 | 6 | 366.58 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 598.1 | 114 | 1.79 | *** | 1.29 | 0.0009 |
| Fehler | 779.1 | 266 | | | | |
| Insgesamt | 9088.4 | 405 | | | | |

## Précocité [% MS] / Frühreife [% TS]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 37.7 | - | 37.9 | --- | 41.1 | -- |
| P8609 | 45.7 | -------- | 40.6 | ------ | 44.2 | ----- |
| Walterinio KWS | 42.5 | ----- | 36.4 | - | 41.1 | -- |
| Figaro | 43.0 | ----- | 38.8 | ---- | 43.2 | ---- |
| Indexx | 42.4 | ----- | 37.5 | --- | 40.6 | -- |
| LG 30.306 | 37.9 | - | 37.3 | -- | 42.5 | --- |
| Amaveritas | 43.3 | ------ | 41.8 | ------- | 45.4 | ------ |
| RGT Karlaxx | 41.4 | ---- | 35.5 | - | 40.8 | -- |
| ER3584 | 41.2 | ---- | 38.8 | ---- | 43.7 | ---- |
| SM G0259 | 46.4 | ---------- | 39.8 | ----- | 48.8 | ---------- |
| P8666 | 43.2 | ------ | 39.8 | ----- | 44.4 | ----- |
| SB1385 | 43.5 | ------ | 38.7 | ---- | 41.8 | --- |
| LZM365/48 | 40.6 | --- | 36.2 | - | 39.2 | - |
| Supiter | 43.5 | ------ | 36.7 | -- | 42.7 | ---- |
| KXB6143 | 44.9 | ------- | 40.8 | ------ | 47.4 | ------- |
| KXB6316 | 45.4 | -------- | 43.6 | --------- | 48.7 | -------- |
| DFI44980 | 44.3 | ------- | 38.7 | ---- | 45.7 | ------ |
| DFI45602 | 42.9 | ----- | 41.9 | ------- | 46.5 | ------- |
| ES Metronom | 42.3 | ----- | 37.4 | -- | 43.1 | ---- |
| FÜLLSORTE | 41.4 | ---- | 38.0 | --- | 41.4 | -- |
| | | | | | | |
| -Bezugsgrösse(n) | 44.1 | ------- | 38.5 | ---- | 42.6 | --- |
| Versuchs-Mittel | 42.7 | ----- | 38.8 | ---- | 43.6 | ---- |
| | | | | | | |
| VK [%] | 3.7 | | 3.0 | | 3.6 | |
| KGD (5%) | 2.6 | | 1.9 | | 2.6 | |
| KGD (1%) | 3.5 | | 2.6 | | 3.5 | |
| Versuchs-Streuung | 1.6 | | 1.2 | | 1.6 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Rendement en MOD [dt/ha] / VOS Ertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 161.4 | ------ | 135.3 | --- | 108.2 | --- | 165.9 | ------ | 202.4 | -------- |
| P8609 | 162.3 | ------ | 149.1 | ------ | 113.2 | ----- | 163.6 | ----- | 188.0 | ----- |
| Walterinio KWS | 167.0 | -------- | 156.3 | ------- | 123.5 | -------- | 174.6 | ------- | 181.7 | ---- |
| Figaro | 164.4 | ------- | 153.5 | ------ | 119.2 | ------- | 177.4 | -------- | 180.5 | ---- |
| Indexx | 158.3 | ----- | 136.6 | --- | 112.2 | ---- | 153.7 | ---- | 188.4 | ----- |
| LG 30.306 | 162.1 | ------ | 133.6 | -- | 116.0 | ------ | 167.6 | ------ | 200.6 | -------- |
| Amaveritas | 155.7 | ----- | 125.5 | - | 113.7 | ----- | 171.5 | ------- | 178.1 | --- |
| RGT Karlaxx | 168.2 | -------- | 151.8 | ------ | 114.8 | ----- | 172.5 | ------- | 205.4 | --------- |
| ER3584 | 153.4 | ---- | 134.9 | --- | 119.7 | ------- | 143.3 | -- | 178.3 | --- |
| SM G0259 | 159.9 | ------ | 145.0 | ----- | 106.4 | -- | 183.6 | --------- | 185.1 | ----- |
| P8666 | 170.0 | --------- | 163.6 | --------- | 124.2 | --------- | 165.3 | ------ | 186.0 | ----- |
| SB1385 | 160.4 | ------ | 152.8 | ------ | 106.0 | -- | 174.8 | ------- | 184.5 | ---- |
| LZM365/48 | 163.8 | ------- | 144.5 | ----- | 114.5 | ----- | 168.9 | ------ | 197.8 | ------- |
| Supiter | 154.7 | ---- | 155.6 | ------- | 108.2 | --- | 146.8 | --- | 185.9 | ----- |
| KXB6143 | 164.8 | ------- | 148.9 | ------ | 119.2 | ------- | 170.7 | ------- | 182.9 | ---- |
| KXB6316 | 155.6 | ----- | 147.5 | ----- | 101.8 | - | 163.8 | ----- | 182.1 | ---- |
| DFI44980 | 152.2 | ---- | 138.0 | --- | 103.9 | - | 148.5 | --- | 189.3 | ----- |
| DFI45602 | 151.6 | --- | 138.2 | --- | 122.0 | -------- | 148.4 | --- | 165.7 | - |
| ES Metronom | 160.1 | ------ | 154.5 | ------- | 113.6 | ----- | 161.3 | ----- | 186.9 | ----- |
| FÜLLSORTE | 141.3 | - | 130.5 | -- | 103.7 | - | 132.9 | - | 170.9 | -- |
| -Bezugsgrösse(n) | 164.7 | ------- | 152.7 | ------ | 118.4 | ------- | 169.1 | ------ | 184.8 | ---- |
| Versuchs-Mittel | 159.4 | ------ | 144.8 | ----- | 113.2 | ----- | 162.8 | ----- | 186.0 | ----- |
| VK [%] | 7.5 | | 10.8 | | 8.2 | | 8.9 | | 6.9 | |
| KGD (5%) | 7.3 | | ns | | ns | | 24.1 | | ns | |
| KGD (1%) | 9.6 | | ns | | ns | | 32.2 | | ns | |
| Versuchs-Streuung | 12.0 | | 15.6 | | 9.2 | | 14.6 | | 12.9 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 18321.5 | 19 | 6.67 | *** | 1.63 | 0.0000 |
| Anbauorte | 331340.6 | 6 | 382.21 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 20198.0 | 114 | 1.23 | ns | 1.29 | |
| Fehler | 38433.3 | 266 | | | | |
| Insgesamt | 408293.4 | 405 | | | | |

## Rendement en MOD [dt/ha] / VOS Ertrag [dt/ha]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 172.2 | -------- | 216.5 | ------- | 129.2 | - |
| P8609 | 167.0 | ------- | 205.7 | ----- | 149.9 | ------ |
| Walterinio KWS | 168.2 | ------- | 206.3 | ----- | 158.1 | -------- |
| Figaro | 159.2 | ----- | 206.6 | ----- | 154.3 | ------- |
| Indexx | 166.6 | ------ | 207.9 | ------ | 142.3 | ---- |
| LG 30.306 | 172.6 | -------- | 204.0 | ----- | 140.6 | ---- |
| Amaveritas | 165.6 | ------ | 196.1 | --- | 139.1 | --- |
| RGT Karlaxx | 172.4 | -------- | 215.8 | ------- | 144.8 | ----- |
| ER3584 | 167.7 | ------- | 194.2 | --- | 135.5 | -- |
| SM G0259 | 159.1 | ----- | 203.2 | ----- | 136.9 | --- |
| P8666 | 176.3 | --------- | 215.4 | ------- | 159.6 | --------- |
| SB1385 | 159.8 | ----- | 207.2 | ----- | 137.7 | --- |
| LZM365/48 | 159.0 | ----- | 208.7 | ------ | 153.0 | ------- |
| Supiter | 149.0 | --- | 197.2 | --- | 140.2 | ---- |
| KXB6143 | 167.5 | ------- | 223.1 | --------- | 141.1 | ---- |
| KXB6316 | 160.9 | ----- | 204.4 | ----- | 128.4 | - |
| DFI44980 | 150.0 | --- | 202.6 | ----- | 132.8 | -- |
| DFI45602 | 154.1 | ---- | 200.0 | ---- | 132.7 | -- |
| ES Metronom | 163.2 | ------ | 207.3 | ----- | 133.6 | -- |
| FÜLLSORTE | 140.0 | - | 182.7 | - | 128.3 | - |
| | | | | | | |
| -Bezugsgrösse(n) | 167.6 | ------- | 206.0 | ----- | 154.0 | ------- |
| Versuchs-Mittel | 162.5 | ------ | 205.3 | ----- | 140.9 | ---- |
| | | | | | | |
| VK [%] | 5.9 | | 5.0 | | 7.4 | |
| KGD (5%) | 16.0 | | 16.8 | | 17.2 | |
| KGD (1%) | 21.4 | | ns | | 23.0 | |
| Versuchs-Streuung | 9.7 | | 10.2 | | 10.4 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Rendement en amidon [dt/ha] / Stärke Ertrag [dt/ha]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 78.2 | ---- | 64.4 | --- | 55.9 | - | 82.9 | ----- | 103.7 | ------- |
| P8609 | 86.3 | -------- | 77.4 | ------ | 67.3 | -------- | 88.8 | ------ | 102.6 | ------- |
| Walterinio KWS | 87.8 | -------- | 83.5 | -------- | 68.6 | -------- | 95.4 | ------- | 95.3 | ----- |
| Figaro | 83.3 | ------ | 72.4 | ----- | 65.7 | ------- | 92.9 | ------- | 88.2 | ---- |
| Indexx | 82.6 | ------ | 69.9 | ---- | 61.6 | ---- | 81.1 | ---- | 97.7 | ------ |
| LG 30.306 | 81.0 | ----- | 60.9 | -- | 62.8 | ----- | 86.6 | ------ | 103.2 | ------- |
| Amaveritas | 76.7 | --- | 54.6 | - | 65.3 | ------ | 87.3 | ------ | 86.6 | --- |
| RGT Karlaxx | 88.4 | --------- | 77.0 | ------ | 64.5 | ------ | 90.2 | ------ | 109.7 | --------- |
| ER3584 | 76.2 | --- | 63.2 | --- | 68.6 | -------- | 71.1 | -- | 89.3 | ---- |
| SM G0259 | 84.2 | ------- | 78.5 | ------ | 63.1 | ----- | 100.4 | --------- | 98.0 | ------ |
| P8666 | 87.6 | -------- | 87.1 | --------- | 68.6 | -------- | 83.4 | ----- | 96.0 | ----- |
| SB1385 | 79.4 | ----- | 72.7 | ----- | 60.5 | ---- | 84.5 | ----- | 91.7 | ---- |
| LZM365/48 | 81.1 | ----- | 70.8 | ----- | 61.1 | ---- | 84.0 | ----- | 104.6 | ------- |
| Supiter | 81.4 | ----- | 84.3 | -------- | 63.6 | ----- | 70.2 | -- | 99.9 | ------ |
| KXB6143 | 84.2 | ------- | 71.6 | ----- | 68.2 | -------- | 87.4 | ------ | 94.4 | ----- |
| KXB6316 | 79.6 | ----- | 78.3 | ------ | 59.6 | --- | 85.5 | ----- | 92.7 | ----- |
| DFI44980 | 78.4 | ---- | 69.1 | ---- | 59.1 | --- | 73.8 | --- | 100.4 | ------ |
| DFI45602 | 75.2 | --- | 66.5 | ---- | 69.0 | --------- | 75.7 | --- | 74.7 | - |
| ES Metronom | 83.0 | ------ | 81.0 | ------- | 64.8 | ------ | 76.7 | --- | 97.5 | ------ |
| FÜLLSORTE | 70.3 | - | 63.1 | --- | 55.6 | - | 64.7 | - | 84.9 | --- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 87.0 | -------- | 80.4 | ------- | 68.0 | -------- | 92.1 | ------- | 98.9 | ------ |
| Versuchs-Mittel | 81.2 | ----- | 72.3 | ----- | 63.7 | ----- | 83.1 | ----- | 95.5 | ----- |
| | | | | | | | | | | |
| VK [%] | 11.3 | | 18.3 | | 8.4 | | 13.7 | | 9.8 | |
| KGD (5%) | 5.6 | | ns | | ns | | ns | | 15.5 | |
| KGD (1%) | 7.3 | | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 9.1 | | 13.2 | | 5.3 | | 11.4 | | 9.3 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 8665.3 | 19 | 5.45 | *** | 1.63 | 0.0000 |
| Anbauorte | 76155.8 | 6 | 151.64 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 13671.1 | 114 | 1.43 | ns | 1.29 | |
| Fehler | 22265.2 | 266 | | | | |
| Insgesamt | 120757.4 | 405 | | | | |

## Rendement en amidon [dt/ha] / Stärke Ertrag [dt/ha]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 88.2 | ----- | 105.4 | ------ | 47.0 | - |
| P8609 | 91.8 | ------- | 104.3 | ------ | 71.8 | ------- |
| Walterinio KWS | 90.9 | ------ | 101.5 | ----- | 79.5 | --------- |
| Figaro | 80.7 | --- | 107.7 | ------- | 75.8 | -------- |
| Indexx | 90.4 | ------ | 106.0 | ------ | 71.2 | ------- |
| LG 30.306 | 97.1 | --------- | 94.3 | --- | 61.9 | ---- |
| Amaveritas | 90.8 | ------ | 88.0 | - | 64.2 | ----- |
| RGT Karlaxx | 94.4 | -------- | 107.6 | ------- | 75.6 | -------- |
| ER3584 | 92.5 | ------- | 91.0 | -- | 57.6 | --- |
| SM G0259 | 85.6 | ----- | 105.0 | ------ | 58.6 | --- |
| P8666 | 90.7 | ------ | 111.8 | -------- | 75.9 | -------- |
| SB1385 | 87.9 | ----- | 101.8 | ----- | 57.0 | --- |
| LZM365/48 | 81.1 | --- | 95.7 | --- | 70.7 | ------ |
| Supiter | 85.5 | ---- | 97.9 | ---- | 68.1 | ------ |
| KXB6143 | 86.9 | ----- | 113.0 | --------- | 67.8 | ------ |
| KXB6316 | 87.2 | ----- | 99.9 | ---- | 54.2 | -- |
| DFI44980 | 78.5 | -- | 99.9 | ---- | 68.0 | ------ |
| DFI45602 | 80.9 | --- | 97.5 | ---- | 62.2 | ---- |
| ES Metronom | 87.5 | ----- | 106.9 | ------- | 66.5 | ----- |
| FÜLLSORTE | 74.6 | - | 88.2 | - | 61.3 | ---- |
| | | | | | | |
| -Bezugsgrösse(n) | 91.3 | ------- | 102.9 | ----- | 75.7 | -------- |
| Versuchs-Mittel | 87.2 | ----- | 101.2 | ----- | 65.7 | ----- |
| | | | | | | |
| VK [%] | 7.2 | | 9.0 | | 10.2 | |
| KGD (5%) | 10.3 | | 15.0 | | 11.1 | |
| KGD (1%) | 13.8 | | ns | | 14.9 | |
| Versuchs-Streuung | 6.3 | | 9.1 | | 6.7 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Digestibilité (NIRS) [g./kg MS] / Gehalt verdauliche organische Substanz (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 681.5 | - | 638.3 | -- | 713.7 | - | 670.7 | -- | 701.0 | ----- |
| P8609 | 713.1 | -------- | 690.7 | ------- | 744.7 | --------- | 703.0 | -------- | 724.7 | -------- |
| Walterinio KWS | 711.9 | ------- | 690.7 | ------- | 743.0 | -------- | 704.3 | -------- | 712.7 | ------ |
| Figaro | 704.3 | ------ | 685.0 | ------ | 729.7 | ----- | 699.0 | ------- | 704.0 | ----- |
| Indexx | 709.6 | ------- | 681.0 | ------ | 732.0 | ----- | 681.0 | ---- | 726.7 | -------- |
| LG 30.306 | 686.7 | -- | 635.3 | - | 719.7 | -- | 675.3 | --- | 698.3 | ---- |
| Amaveritas | 693.8 | --- | 627.0 | - | 735.0 | ------ | 696.0 | ------- | 701.3 | ----- |
| RGT Karlaxx | 717.3 | --------- | 690.3 | ------ | 737.3 | ------- | 693.3 | ------ | 733.0 | --------- |
| ER3584 | 691.9 | --- | 667.3 | ---- | 741.0 | -------- | 663.3 | - | 703.3 | ----- |
| SM G0259 | 698.9 | ---- | 695.0 | ------- | 729.3 | ----- | 694.0 | ------ | 706.3 | ----- |
| P8666 | 712.0 | ------- | 689.0 | ------ | 741.3 | -------- | 689.0 | ----- | 719.7 | ------- |
| SB1385 | 711.2 | ------- | 697.3 | ------- | 741.3 | -------- | 700.7 | ------- | 712.3 | ------ |
| LZM365/48 | 712.1 | ------- | 692.0 | ------- | 737.7 | ------- | 692.3 | ------ | 725.3 | -------- |
| Supiter | 711.2 | ------- | 713.0 | --------- | 744.7 | --------- | 680.0 | ---- | 725.3 | -------- |
| KXB6143 | 703.8 | ------ | 685.0 | ------ | 735.3 | ------ | 682.0 | ---- | 715.7 | ------- |
| KXB6316 | 707.0 | ------ | 687.0 | ------ | 733.7 | ------ | 706.7 | --------- | 711.0 | ------ |
| DFI44980 | 699.7 | ----- | 672.7 | ----- | 735.0 | ------ | 668.7 | -- | 717.0 | ------- |
| DFI45602 | 684.6 | - | 669.0 | ----- | 727.7 | ---- | 675.3 | --- | 665.7 | - |
| ES Metronom | 700.5 | ----- | 684.7 | ------ | 730.0 | ----- | 669.0 | -- | 710.7 | ------ |
| FÜLLSORTE | 697.4 | ---- | 675.3 | ----- | 733.3 | ------ | 677.7 | --- | 699.3 | ----- |
| -Bezugsgrösse(n) | 712.5 | -------- | 690.7 | ------- | 743.8 | -------- | 703.7 | -------- | 718.7 | ------- |
| Versuchs-Mittel | 702.4 | ----- | 678.3 | ----- | 734.3 | ------ | 686.1 | ----- | 710.7 | ------ |
| VK [%] | 2.5 | | 3.6 | | 2.0 | | 3.2 | | 2.2 | |
| KGD (5%) | 10.6 | | 40.1 | | ns | | ns | | 25.7 | |
| KGD (1%) | 14.0 | | 53.7 | | ns | | ns | | 34.5 | |
| Versuchs-Streuung | 17.5 | | 24.3 | | 14.9 | | 21.9 | | 15.6 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 43699.3 | 19 | 7.49 | *** | 1.63 | 0.0000 |
| Anbauorte | 140859.0 | 6 | 76.49 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 42902.5 | 114 | 1.23 | ns | 1.29 | |
| Fehler | 81645.5 | 266 | | | | |
| Insgesamt | 309106.2 | 405 | | | | |

## Digestibilité (NIRS) [g./kg MS] / Gehalt verdauliche organische Substanz (NIRS) [g./kg TS]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 706.3 | - | 691.0 | ---- | 649.3 | - |
| P8609 | 718.0 | ----- | 706.0 | ------- | 704.7 | ------- |
| Walterinio KWS | 718.0 | ----- | 707.0 | ------- | 707.3 | ------- |
| Figaro | 705.0 | - | 709.7 | ------- | 698.0 | ------ |
| Indexx | 725.0 | ------- | 707.7 | ------- | 714.0 | -------- |
| LG 30.306 | 724.7 | ------- | 672.7 | - | 680.7 | ---- |
| Amaveritas | 721.0 | ------ | 685.7 | --- | 690.7 | ----- |
| RGT Karlaxx | 731.3 | --------- | 717.7 | --------- | 718.3 | --------- |
| ER3584 | 725.7 | ------- | 686.7 | --- | 656.0 | - |
| SM G0259 | 709.7 | -- | 695.7 | ----- | 662.0 | -- |
| P8666 | 722.7 | ------ | 717.3 | --------- | 704.7 | ------- |
| SB1385 | 729.0 | -------- | 711.0 | ------- | 687.0 | ----- |
| LZM365/48 | 717.0 | ---- | 708.0 | ------- | 712.3 | -------- |
| Supiter | 728.0 | -------- | 700.0 | ----- | 687.7 | ----- |
| KXB6143 | 718.7 | ----- | 706.0 | ------- | 684.0 | ----- |
| KXB6316 | 718.7 | ----- | 704.3 | ------ | 687.7 | ----- |
| DFI44980 | 706.7 | - | 700.3 | ------ | 697.7 | ------ |
| DFI45602 | 703.7 | - | 685.0 | --- | 666.0 | --- |
| ES Metronom | 714.3 | ---- | 706.0 | ------- | 688.7 | ----- |
| FÜLLSORTE | 714.0 | ---- | 694.0 | ---- | 688.3 | ----- |
| | | | | | | |
| -Bezugsgrösse(n) | 718.0 | ----- | 706.5 | ------- | 706.0 | ------- |
| Versuchs-Mittel | 717.9 | ----- | 700.6 | ------ | 689.3 | ----- |
| | | | | | | |
| VK [%] | 1.6 | | 2.1 | | 2.4 | |
| KGD (5%) | ns | | 24.4 | | 26.9 | |
| KGD (1%) | ns | | ns | | 36.0 | |
| Versuchs-Streuung | 11.6 | | 14.8 | | 16.3 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Teneur en amidon (NIRS) [g./kg MS] / Stärkegehalt (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 328.1 | - | 301.0 | --- | 368.7 | - | 335.3 | --- | 359.0 | ------ |
| P8609 | 381.4 | --------- | 358.3 | ------- | 443.3 | --------- | 381.3 | -------- | 396.0 | --------- |
| Walterinio KWS | 375.8 | -------- | 367.7 | ------- | 413.7 | ----- | 385.0 | --------- | 373.7 | ------- |
| Figaro | 357.7 | ----- | 323.0 | ---- | 401.3 | ---- | 365.7 | ------ | 344.3 | ---- |
| Indexx | 371.2 | ------- | 346.7 | ------ | 402.7 | ---- | 359.7 | ------ | 376.3 | ------- |
| LG 30.306 | 343.8 | --- | 289.7 | -- | 390.3 | --- | 348.7 | ---- | 359.3 | ------ |
| Amaveritas | 344.1 | --- | 270.0 | - | 421.3 | ------ | 352.3 | ----- | 341.3 | ---- |
| RGT Karlaxx | 378.6 | -------- | 348.3 | ------ | 413.7 | ----- | 362.3 | ------ | 392.3 | -------- |
| ER3584 | 345.3 | --- | 312.7 | ---- | 424.7 | ------- | 328.0 | -- | 351.0 | ----- |
| SM G0259 | 369.3 | ------- | 375.7 | -------- | 432.3 | ------- | 379.0 | -------- | 374.0 | ------- |
| P8666 | 366.6 | ------ | 360.3 | ------- | 409.3 | ----- | 347.0 | ---- | 371.3 | ------- |
| SB1385 | 354.6 | ----- | 332.0 | ----- | 423.3 | ------ | 340.0 | --- | 353.7 | ----- |
| LZM365/48 | 353.7 | ---- | 338.0 | ----- | 393.0 | --- | 343.3 | ---- | 383.3 | -------- |
| Supiter | 377.0 | -------- | 386.0 | --------- | 437.3 | -------- | 325.0 | -- | 390.7 | -------- |
| KXB6143 | 361.0 | ------ | 328.3 | ----- | 421.3 | ------ | 349.3 | ---- | 368.7 | ------ |
| KXB6316 | 364.0 | ------ | 363.3 | ------- | 429.3 | ------- | 369.0 | ------- | 361.7 | ------ |
| DFI44980 | 362.8 | ------ | 336.7 | ----- | 417.7 | ------ | 332.0 | -- | 380.7 | ------- |
| DFI45602 | 341.7 | --- | 322.0 | ---- | 412.3 | ----- | 344.0 | ---- | 300.0 | - |
| ES Metronom | 364.6 | ------ | 358.3 | ------- | 416.3 | ------ | 317.3 | - | 370.7 | ------ |
| FÜLLSORTE | 348.4 | ---- | 326.3 | ---- | 393.0 | --- | 329.7 | -- | 346.0 | ---- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 378.6 | -------- | 363.0 | ------- | 428.5 | ------- | 383.2 | -------- | 384.8 | -------- |
| Versuchs-Mittel | 359.5 | ----- | 337.2 | ----- | 413.3 | ----- | 349.7 | ---- | 364.7 | ------ |
| | | | | | | | | | | |
| VK [%] | 7.7 | | 11.5 | | 4.7 | | 9.3 | | 7.3 | |
| KGD (5%) | 16.7 | | ns | | 32.4 | | ns | | 43.8 | |
| KGD (1%) | 22.0 | | ns | | 43.3 | | ns | | ns | |
| Versuchs-Streuung | 27.5 | | 38.8 | | 19.6 | | 32.4 | | 26.5 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 82530.7 | 19 | 5.73 | *** | 1.63 | 0.0000 |
| Anbauorte | 349807.3 | 6 | 76.88 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 135963.7 | 114 | 1.57 | ns | 1.29 | |
| Fehler | 201707.3 | 266 | | | | |
| Insgesamt | 770008.9 | 405 | | | | |

## Teneur en amidon (NIRS) [g./kg MS] / Stärkegehalt (NIRS) [g./kg TS]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 362.0 | - | 336.3 | ---- | 234.7 | - |
| P8609 | 395.3 | ------ | 358.0 | ------- | 337.7 | ------ |
| Walterinio KWS | 387.7 | ----- | 347.3 | ----- | 355.7 | ------- |
| Figaro | 357.0 | - | 369.3 | -------- | 343.3 | ------- |
| Indexx | 393.3 | ----- | 362.0 | ------- | 358.0 | -------- |
| LG 30.306 | 407.7 | ------- | 311.0 | - | 300.0 | ---- |
| Amaveritas | 395.0 | ------ | 310.0 | - | 319.0 | ----- |
| RGT Karlaxx | 400.3 | ------ | 358.0 | ------- | 375.0 | --------- |
| ER3584 | 400.3 | ------ | 322.0 | -- | 278.7 | --- |
| SM G0259 | 382.0 | ---- | 359.7 | ------- | 282.7 | --- |
| P8666 | 371.0 | -- | 372.3 | --------- | 335.0 | ------ |
| SB1385 | 400.7 | ------ | 349.0 | ------ | 283.7 | --- |
| LZM365/48 | 365.7 | -- | 324.0 | -- | 328.3 | ------ |
| Supiter | 418.7 | --------- | 347.0 | ----- | 334.3 | ------ |
| KXB6143 | 373.0 | --- | 357.7 | ------- | 328.7 | ------ |
| KXB6316 | 389.3 | ----- | 344.3 | ----- | 291.0 | ---- |
| DFI44980 | 370.0 | -- | 345.0 | ----- | 357.3 | -------- |
| DFI45602 | 369.3 | -- | 334.0 | ---- | 310.0 | ----- |
| ES Metronom | 383.0 | ---- | 363.7 | ------- | 343.0 | ------- |
| FÜLLSORTE | 380.3 | ---- | 334.7 | ---- | 328.7 | ------ |
| | | | | | | |
| -Bezugsgrösse(n) | 391.5 | ----- | 352.7 | ------ | 346.7 | ------- |
| Versuchs-Mittel | 385.1 | ---- | 345.3 | ----- | 321.2 | ------ |
| | | | | | | |
| VK [%] | 4.8 | | 8.1 | | 7.2 | |
| KGD (5%) | 30.7 | | ns | | 38.2 | |
| KGD (1%) | ns | | ns | | 51.1 | |
| Versuchs-Streuung | 18.5 | | 28.0 | | 23.1 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Teneur en cellulose brute (NIRS) [g./kg MS] / Rohfasergehalt (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 180.7 | --------- | 193.0 | ------- | 171.7 | --------- | 177.0 | --------- | 170.3 | ----- |
| P8609 | 159.0 | - | 171.3 | --- | 140.7 | - | 161.0 | --- | 152.7 | - |
| Walterinio KWS | 160.2 | - | 164.7 | -- | 151.3 | --- | 154.7 | - | 160.3 | -- |
| Figaro | 167.5 | ---- | 184.3 | ------ | 155.0 | ---- | 163.3 | ---- | 172.7 | ----- |
| Indexx | 159.4 | - | 166.0 | -- | 153.7 | ---- | 164.3 | ---- | 155.7 | - |
| LG 30.306 | 172.2 | ----- | 196.7 | -------- | 160.3 | ------ | 169.7 | ------ | 162.3 | --- |
| Amaveritas | 171.7 | ----- | 200.7 | --------- | 150.7 | --- | 168.0 | ----- | 168.7 | ---- |
| RGT Karlaxx | 161.3 | - | 173.7 | ---- | 152.7 | ---- | 165.7 | ----- | 156.0 | - |
| ER3584 | 169.6 | ----- | 181.7 | ----- | 147.3 | -- | 176.0 | -------- | 165.0 | --- |
| SM G0259 | 160.6 | - | 161.7 | -- | 143.3 | - | 159.7 | -- | 154.0 | - |
| P8666 | 164.4 | --- | 169.3 | --- | 154.7 | ---- | 171.0 | ------ | 161.3 | --- |
| SB1385 | 166.7 | --- | 177.3 | ---- | 145.7 | -- | 171.0 | ------ | 168.0 | ---- |
| LZM365/48 | 166.3 | --- | 173.0 | ---- | 157.0 | ----- | 168.7 | ------ | 154.3 | - |
| Supiter | 159.2 | - | 156.0 | - | 142.3 | - | 175.7 | -------- | 154.0 | - |
| KXB6143 | 164.7 | --- | 178.0 | ----- | 150.7 | --- | 167.3 | ----- | 163.0 | --- |
| KXB6316 | 160.8 | - | 163.0 | -- | 145.3 | -- | 158.3 | -- | 163.3 | --- |
| DFI44980 | 167.4 | ---- | 177.7 | ---- | 151.3 | --- | 176.7 | -------- | 164.7 | --- |
| DFI45602 | 171.6 | ----- | 181.7 | ----- | 151.3 | --- | 169.7 | ------ | 187.0 | --------- |
| ES Metronom | 161.8 | -- | 166.7 | --- | 146.3 | -- | 172.7 | ------- | 164.3 | --- |
| FÜLLSORTE | 169.4 | ---- | 178.7 | ----- | 157.3 | ----- | 175.7 | -------- | 170.0 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 159.6 | - | 168.0 | --- | 146.0 | -- | 157.8 | -- | 156.5 | - |
| Versuchs-Mittel | 165.7 | --- | 175.8 | ---- | 151.4 | --- | 168.3 | ----- | 163.4 | --- |
| | | | | | | | | | | |
| VK [%] | 5.9 | | 8.0 | | 4.4 | | 6.9 | | 5.4 | |
| KGD (5%) | 5.9 | | 23.3 | | 11.1 | | ns | | 14.6 | |
| KGD (1%) | 7.8 | | ns | | 14.8 | | ns | | 19.6 | |
| Versuchs-Streuung | 9.8 | | 14.1 | | 6.7 | | 11.7 | | 8.8 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 12942.2 | 19 | 7.14 | *** | 1.63 | 0.0000 |
| Anbauorte | 25662.6 | 6 | 44.81 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 16369.8 | 114 | 1.50 | ns | 1.29 | |
| Fehler | 25389.6 | 266 | | | | |
| Insgesamt | 80364.2 | 405 | | | | |

## Teneur en cellulose brute (NIRS) [g./kg MS] / Rohfasergehalt (NIRS) [g./kg TS]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 172.7 | --------- | 170.7 | ----- | 209.3 | --------- |
| P8609 | 158.3 | ---- | 161.7 | -- | 167.3 | -- |
| Walterinio KWS | 159.3 | ---- | 166.3 | ---- | 165.0 | - |
| Figaro | 169.7 | -------- | 158.7 | - | 169.0 | -- |
| Indexx | 155.3 | --- | 159.0 | - | 162.0 | - |
| LG 30.306 | 155.3 | --- | 179.0 | -------- | 182.3 | ---- |
| Amaveritas | 157.3 | --- | 180.0 | --------- | 176.7 | --- |
| RGT Karlaxx | 158.7 | ---- | 163.0 | -- | 159.7 | - |
| ER3584 | 154.3 | -- | 173.0 | ------ | 189.7 | ----- |
| SM G0259 | 160.3 | ---- | 162.0 | -- | 183.3 | ---- |
| P8666 | 165.7 | ------ | 158.3 | - | 170.7 | -- |
| SB1385 | 153.3 | -- | 166.3 | ---- | 185.3 | ----- |
| LZM365/48 | 166.7 | ------- | 173.0 | ------ | 171.7 | --- |
| Supiter | 148.7 | - | 166.3 | ---- | 171.7 | --- |
| KXB6143 | 162.7 | ----- | 160.7 | - | 170.3 | -- |
| KXB6316 | 156.0 | --- | 161.3 | -- | 178.3 | ---- |
| DFI44980 | 167.0 | ------- | 171.0 | ----- | 163.3 | - |
| DFI45602 | 164.3 | ------ | 169.0 | ----- | 178.0 | ---- |
| ES Metronom | 157.7 | ---- | 158.3 | - | 166.3 | -- |
| FÜLLSORTE | 160.3 | ---- | 170.7 | ----- | 173.0 | --- |
| | | | | | | |
| -Bezugsgrösse(n) | 158.8 | ---- | 164.0 | --- | 166.2 | -- |
| Versuchs-Mittel | 160.2 | ---- | 166.4 | ---- | 174.7 | --- |
| | | | | | | |
| VK [%] | 4.1 | | 5.8 | | 4.9 | |
| KGD (5%) | 10.9 | | ns | | 14.2 | |
| KGD (1%) | 14.6 | | ns | | 19.1 | |
| Versuchs-Streuung | 6.6 | | 9.6 | | 8.6 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## NDF (NIRS) [g./kg MS] / Zellwandanteil (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 418.6 | --------- | 447.3 | ------- | 391.3 | --------- | 401.7 | ------ | 398.7 | ------ |
| P8609 | 377.4 | -- | 411.3 | ---- | 333.3 | - | 373.7 | --- | 359.7 | - |
| Walterinio KWS | 376.0 | - | 380.3 | -- | 357.3 | ---- | 357.3 | - | 370.0 | -- |
| Figaro | 389.1 | ---- | 433.0 | ------ | 358.0 | ---- | 374.7 | --- | 385.3 | ---- |
| Indexx | 371.8 | - | 382.7 | -- | 354.7 | ---- | 376.7 | --- | 363.0 | - |
| LG 30.306 | 397.9 | ----- | 467.7 | --------- | 360.0 | ----- | 380.7 | --- | 380.7 | ---- |
| Amaveritas | 408.3 | ------- | 456.7 | -------- | 353.0 | ---- | 407.0 | ------ | 394.7 | ------ |
| RGT Karlaxx | 373.0 | - | 408.7 | ---- | 344.0 | --- | 387.3 | ---- | 359.0 | - |
| ER3584 | 402.8 | ------ | 424.3 | ----- | 351.0 | ---- | 414.0 | ------- | 387.0 | ----- |
| SM G0259 | 384.4 | --- | 389.0 | -- | 335.3 | -- | 389.7 | ---- | 368.0 | -- |
| P8666 | 394.7 | ----- | 397.0 | --- | 371.7 | ------ | 404.3 | ------ | 388.0 | ----- |
| SB1385 | 391.8 | ---- | 417.0 | ----- | 340.3 | -- | 411.7 | ------- | 390.0 | ----- |
| LZM365/48 | 381.6 | -- | 392.0 | --- | 350.3 | --- | 393.0 | ----- | 359.0 | - |
| Supiter | 374.7 | - | 367.3 | - | 327.3 | - | 425.7 | --------- | 357.7 | - |
| KXB6143 | 391.1 | ---- | 404.7 | ---- | 350.3 | --- | 399.3 | ------ | 381.0 | ---- |
| KXB6316 | 380.7 | -- | 390.0 | -- | 340.0 | -- | 387.0 | ---- | 370.3 | -- |
| DFI44980 | 392.4 | ---- | 410.3 | ---- | 351.7 | ---- | 410.3 | ------- | 379.0 | ---- |
| DFI45602 | 398.7 | ----- | 427.3 | ----- | 345.7 | --- | 409.0 | ------- | 416.0 | --------- |
| ES Metronom | 377.2 | -- | 393.0 | --- | 341.3 | -- | 396.0 | ----- | 373.3 | --- |
| FÜLLSORTE | 386.4 | --- | 417.0 | ----- | 354.0 | ---- | 413.0 | ------- | 371.3 | -- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 376.7 | - | 395.8 | --- | 345.3 | --- | 365.5 | -- | 364.8 | -- |
| Versuchs-Mittel | 388.4 | --- | 410.8 | ---- | 350.5 | --- | 395.6 | ----- | 377.6 | --- |
| | | | | | | | | | | |
| VK [%] | 6.1 | | 8.6 | | 4.6 | | 5.8 | | 5.3 | |
| KGD (5%) | 14.3 | | ns | | 26.4 | | ns | | ns | |
| KGD (1%) | 18.9 | | ns | | ns | | ns | | ns | |
| Versuchs-Streuung | 23.6 | | 35.3 | | 16.0 | | 22.8 | | 20.2 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 63257.5 | 19 | 6.00 | *** | 1.63 | 0.0000 |
| Anbauorte | 214676.9 | 6 | 64.47 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 88078.2 | 114 | 1.39 | ns | 1.29 | |
| Fehler | 147625.1 | 266 | | | | |
| Insgesamt | 513637.7 | 405 | | | | |

## NDF (NIRS) [g./kg MS] / Zellwandanteil (NIRS) [g./kg TS]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 396.3 | --------- | 407.3 | ----- | 487.7 | --------- |
| P8609 | 372.0 | ----- | 386.0 | -- | 406.0 | --- |
| Walterinio KWS | 373.7 | ----- | 395.7 | --- | 398.0 | -- |
| Figaro | 391.0 | -------- | 381.3 | - | 400.7 | -- |
| Indexx | 357.0 | -- | 378.7 | - | 390.0 | -- |
| LG 30.306 | 348.3 | - | 418.7 | ------ | 429.3 | ---- |
| Amaveritas | 369.7 | ---- | 435.0 | --------- | 442.0 | ----- |
| RGT Karlaxx | 358.3 | -- | 377.7 | - | 375.7 | - |
| ER3584 | 352.0 | - | 421.7 | ------- | 469.3 | ------- |
| SM G0259 | 368.3 | ---- | 391.3 | --- | 449.0 | ------ |
| P8666 | 389.0 | ------- | 388.7 | -- | 424.3 | ---- |
| SB1385 | 357.7 | -- | 391.3 | --- | 434.7 | ----- |
| LZM365/48 | 377.0 | ----- | 403.7 | ---- | 396.3 | -- |
| Supiter | 346.7 | - | 393.0 | --- | 405.0 | --- |
| KXB6143 | 379.3 | ------ | 393.0 | --- | 430.3 | ----- |
| KXB6316 | 357.7 | -- | 389.0 | -- | 430.7 | ----- |
| DFI44980 | 386.7 | ------- | 408.3 | ----- | 400.7 | -- |
| DFI45602 | 368.3 | ---- | 395.3 | --- | 429.0 | ---- |
| ES Metronom | 357.0 | -- | 378.3 | - | 401.7 | -- |
| FÜLLSORTE | 356.7 | -- | 393.7 | --- | 399.3 | -- |
| | | | | | | |
| -Bezugsgrösse(n) | 372.8 | ----- | 390.8 | -- | 402.0 | -- |
| Versuchs-Mittel | 368.1 | ---- | 396.4 | --- | 420.0 | ---- |
| | | | | | | |
| VK [%] | 5.2 | | 6.4 | | 5.1 | |
| KGD (5%) | ns | | ns | | 35.3 | |
| KGD (1%) | ns | | ns | | 47.3 | |
| Versuchs-Streuung | 19.2 | | 25.2 | | 21.3 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## Teneur en protéines (NIRS) [g./kg MS] / Proteingehalt (NIRS) [g./kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 62.9 | ------ | 64.7 | ------ | 63.3 | ---- | 63.0 | ------- | 61.7 | --- |
| P8609 | 61.3 | ---- | 62.0 | ---- | 61.7 | -- | 63.7 | ------- | 63.0 | ---- |
| Walterinio KWS | 61.6 | ---- | 63.3 | ----- | 62.3 | --- | 61.3 | ------ | 63.7 | ----- |
| Figaro | 60.9 | --- | 60.3 | -- | 61.3 | - | 61.0 | ------ | 63.3 | ---- |
| Indexx | 65.5 | --------- | 66.7 | ------- | 66.0 | ------- | 64.3 | ------- | 67.0 | -------- |
| LG 30.306 | 64.1 | ------- | 59.7 | -- | 66.7 | -------- | 66.3 | --------- | 63.3 | ---- |
| Amaveritas | 60.2 | --- | 62.3 | ---- | 62.7 | --- | 59.3 | ----- | 62.0 | --- |
| RGT Karlaxx | 63.6 | ------ | 64.0 | ----- | 63.3 | ---- | 62.0 | ------ | 65.7 | ------- |
| ER3584 | 58.2 | - | 58.3 | - | 61.3 | - | 55.3 | -- | 59.0 | - |
| SM G0259 | 59.3 | -- | 61.7 | --- | 60.7 | - | 60.0 | ----- | 59.3 | - |
| P8666 | 60.7 | --- | 62.0 | ---- | 62.3 | --- | 60.3 | ----- | 60.0 | - |
| SB1385 | 62.2 | ----- | 64.0 | ----- | 63.0 | --- | 59.7 | ----- | 63.7 | ----- |
| LZM365/48 | 64.7 | -------- | 65.0 | ------ | 67.0 | -------- | 61.7 | ------ | 66.3 | ------- |
| Supiter | 60.5 | --- | 65.0 | ------ | 64.3 | ----- | 52.3 | - | 64.7 | ------ |
| KXB6143 | 60.6 | --- | 65.3 | ------ | 64.0 | ----- | 58.3 | ---- | 61.0 | -- |
| KXB6316 | 61.0 | ---- | 62.3 | ---- | 61.7 | -- | 59.7 | ----- | 62.7 | ---- |
| DFI44980 | 61.0 | ---- | 63.0 | ---- | 63.0 | --- | 62.0 | ------ | 64.3 | ----- |
| DFI45602 | 61.0 | ---- | 64.0 | ----- | 64.3 | ----- | 59.3 | ----- | 59.7 | - |
| ES Metronom | 63.8 | ------- | 67.3 | -------- | 64.7 | ----- | 60.3 | ----- | 66.7 | ------- |
| FÜLLSORTE | 65.4 | -------- | 68.0 | --------- | 67.3 | --------- | 61.7 | ------ | 68.0 | --------- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 61.5 | ---- | 62.7 | ---- | 62.0 | -- | 62.5 | ------ | 63.3 | ---- |
| Versuchs-Mittel | 61.9 | ----- | 63.5 | ----- | 63.6 | ---- | 60.6 | ----- | 63.3 | ---- |
| | | | | | | | | | | |
| VK [%] | 4.1 | | 5.4 | | 3.5 | | 4.2 | | 4.1 | |
| KGD (5%) | 1.5 | | ns | | 3.7 | | 4.2 | | 4.2 | |
| KGD (1%) | 2.0 | | ns | | ns | | 5.6 | | 5.7 | |
| Versuchs-Streuung | 2.5 | | 3.4 | | 2.2 | | 2.5 | | 2.6 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 1629.9 | 19 | 13.26 | *** | 1.63 | 0.0000 |
| Anbauorte | 2082.7 | 6 | 53.65 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 1454.2 | 114 | 1.97 | *** | 1.29 | 0.0005 |
| Fehler | 1721.1 | 266 | | | | |
| Insgesamt | 6887.8 | 405 | | | | |

## Teneur en protéines (NIRS) [g./kg MS] / Proteingehalt (NIRS) [g./kg TS]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 65.0 | ------ | 62.0 | ----- | 60.7 | ------- |
| P8609 | 61.0 | -- | 60.3 | ---- | 57.3 | ----- |
| Walterinio KWS | 60.3 | - | 61.0 | ----- | 59.3 | ------ |
| Figaro | 60.3 | - | 61.0 | ----- | 58.7 | ----- |
| Indexx | 66.3 | ------- | 66.0 | --------- | 62.0 | ------- |
| LG 30.306 | 68.3 | --------- | 62.7 | ------ | 62.0 | ------- |
| Amaveritas | 62.7 | ---- | 57.7 | -- | 54.7 | --- |
| RGT Karlaxx | 64.7 | ----- | 64.3 | ------- | 61.0 | ------- |
| ER3584 | 67.0 | ------- | 56.0 | - | 50.7 | - |
| SM G0259 | 62.7 | ---- | 58.7 | --- | 52.0 | - |
| P8666 | 60.7 | -- | 63.0 | ------ | 56.3 | ---- |
| SB1385 | 66.3 | ------- | 63.3 | ------ | 55.3 | --- |
| LZM365/48 | 66.3 | ------- | 62.7 | ------ | 64.0 | --------- |
| Supiter | 63.0 | ---- | 60.0 | ---- | 54.3 | --- |
| KXB6143 | 61.3 | -- | 61.0 | ----- | 53.0 | -- |
| KXB6316 | 63.3 | ---- | 61.3 | ----- | 56.0 | ---- |
| DFI44980 | 59.3 | - | 60.7 | ---- | 54.7 | --- |
| DFI45602 | 63.0 | ---- | 62.3 | ------ | 54.0 | --- |
| ES Metronom | 66.3 | ------- | 65.3 | -------- | 55.7 | ---- |
| FÜLLSORTE | 67.0 | ------- | 64.3 | ------- | 61.3 | ------- |
| | | | | | | |
| -Bezugsgrösse(n) | 60.7 | -- | 60.7 | ---- | 58.3 | ----- |
| Versuchs-Mittel | 63.8 | ----- | 61.7 | ----- | 57.2 | ---- |
| | | | | | | |
| VK [%] | 3.5 | | 3.1 | | 4.7 | |
| KGD (5%) | 3.6 | | 3.2 | | 4.4 | |
| KGD (1%) | 4.9 | | 4.2 | | 5.9 | |
| Versuchs-Streuung | 2.2 | | 1.9 | | 2.7 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## NEL (NIRS) [MJ/kg MS] / NEL (NIRS) [MJ/kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 6.2 | - | 5.7 | -- | 6.5 | - | 6.0 | -- | 6.4 | ----- |
| P8609 | 6.5 | -------- | 6.2 | ------- | 6.9 | --------- | 6.4 | --------- | 6.6 | -------- |
| Walterinio KWS | 6.5 | ------- | 6.2 | ------- | 6.8 | ------- | 6.4 | --------- | 6.5 | ------ |
| Figaro | 6.4 | ----- | 6.2 | ------ | 6.6 | --- | 6.3 | ------- | 6.4 | ----- |
| Indexx | 6.5 | ------- | 6.2 | ------ | 6.7 | ----- | 6.1 | ---- | 6.7 | -------- |
| LG 30.306 | 6.2 | - | 5.6 | - | 6.6 | - | 6.1 | --- | 6.3 | ---- |
| Amaveritas | 6.3 | --- | 5.5 | - | 6.7 | ----- | 6.3 | ------- | 6.4 | ----- |
| RGT Karlaxx | 6.5 | --------- | 6.2 | ------- | 6.8 | ------ | 6.3 | ------ | 6.7 | --------- |
| ER3584 | 6.3 | --- | 6.0 | ----- | 6.8 | ------- | 5.9 | - | 6.4 | ----- |
| SM G0259 | 6.3 | ---- | 6.3 | ------- | 6.7 | ---- | 6.3 | ------ | 6.4 | ----- |
| P8666 | 6.5 | ------- | 6.2 | ------- | 6.8 | ------- | 6.2 | ------ | 6.6 | ------- |
| SB1385 | 6.5 | ------- | 6.3 | ------- | 6.8 | ------- | 6.4 | -------- | 6.5 | ------ |
| LZM365/48 | 6.5 | ------- | 6.2 | ------- | 6.8 | ------ | 6.2 | ------ | 6.6 | ------- |
| Supiter | 6.5 | ------- | 6.5 | --------- | 6.9 | --------- | 6.1 | ---- | 6.6 | -------- |
| KXB6143 | 6.4 | ----- | 6.2 | ------ | 6.7 | ----- | 6.1 | ---- | 6.5 | ------ |
| KXB6316 | 6.4 | ------ | 6.2 | ------- | 6.7 | ----- | 6.4 | --------- | 6.5 | ------ |
| DFI44980 | 6.3 | ---- | 6.0 | ----- | 6.7 | ----- | 6.0 | -- | 6.5 | ------- |
| DFI45602 | 6.2 | - | 6.0 | ----- | 6.7 | ---- | 6.1 | --- | 6.0 | - |
| ES Metronom | 6.3 | ----- | 6.2 | ------ | 6.6 | --- | 6.0 | -- | 6.5 | ------ |
| FÜLLSORTE | 6.3 | ---- | 6.1 | ----- | 6.7 | ----- | 6.1 | --- | 6.4 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 6.5 | ------- | 6.2 | ------- | 6.8 | -------- | 6.4 | --------- | 6.6 | ------- |
| Versuchs-Mittel | 6.4 | ----- | 6.1 | ------ | 6.7 | ----- | 6.2 | ----- | 6.5 | ------ |
| | | | | | | | | | | |
| VK [%] | 3.1 | | 4.5 | | 2.5 | | 4.0 | | 2.7 | |
| KGD (5%) | 0.1 | | 0.5 | | ns | | ns | | 0.3 | |
| KGD (1%) | 0.2 | | ns | | ns | | ns | | 0.4 | |
| Versuchs-Streuung | 0.2 | | 0.3 | | 0.2 | | 0.2 | | 0.2 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 5.2 | 19 | 6.96 | *** | 1.63 | 0.0000 |
| Anbauorte | 17.5 | 6 | 74.65 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 5.1 | 114 | 1.15 | ns | 1.29 | |
| Fehler | 10.4 | 266 | | | | |
| Insgesamt | 38.2 | 405 | | | | |

## NEL (NIRS) [MJ/kg MS] / NEL (NIRS) [MJ/kg TS]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 6.4 | -- | 6.3 | ---- | 5.8 | - |
| P8609 | 6.5 | ----- | 6.4 | ------ | 6.4 | ------- |
| Walterinio KWS | 6.5 | ----- | 6.5 | ------- | 6.4 | ------- |
| Figaro | 6.4 | - | 6.4 | ------- | 6.3 | ------ |
| Indexx | 6.6 | ------ | 6.4 | ------- | 6.5 | -------- |
| LG 30.306 | 6.6 | ------ | 6.1 | - | 6.2 | ----- |
| Amaveritas | 6.6 | ------ | 6.2 | --- | 6.3 | ------ |
| RGT Karlaxx | 6.7 | --------- | 6.5 | --------- | 6.6 | --------- |
| ER3584 | 6.6 | ------- | 6.2 | --- | 5.9 | -- |
| SM G0259 | 6.5 | --- | 6.3 | ---- | 5.9 | -- |
| P8666 | 6.6 | ------ | 6.5 | --------- | 6.4 | ------- |
| SB1385 | 6.7 | -------- | 6.5 | ------- | 6.2 | ----- |
| LZM365/48 | 6.5 | ----- | 6.5 | ------- | 6.5 | -------- |
| Supiter | 6.7 | -------- | 6.3 | ----- | 6.2 | ----- |
| KXB6143 | 6.6 | ----- | 6.4 | ------ | 6.1 | ---- |
| KXB6316 | 6.6 | ----- | 6.4 | ------ | 6.2 | ----- |
| DFI44980 | 6.4 | - | 6.3 | ----- | 6.3 | ------ |
| DFI45602 | 6.4 | - | 6.2 | --- | 6.0 | --- |
| ES Metronom | 6.5 | ----- | 6.4 | ------ | 6.2 | ----- |
| FÜLLSORTE | 6.5 | ---- | 6.3 | ----- | 6.2 | ----- |
| | | | | | | |
| -Bezugsgrösse(n) | 6.5 | ----- | 6.4 | ------- | 6.4 | ------- |
| Versuchs-Mittel | 6.5 | ----- | 6.4 | ------ | 6.2 | ----- |
| | | | | | | |
| VK [%] | 2.1 | | 2.6 | | 2.9 | |
| KGD (5%) | ns | | ns | | 0.3 | |
| KGD (1%) | ns | | ns | | 0.4 | |
| Versuchs-Streuung | 0.1 | | 0.2 | | 0.2 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

## NEV (NIRS) [MJ/kg MS] / NEV (NIRS) [MJ/kg TS]

| Verfahren | Seriemittel | | 1260 Nyon | | 1567 Delley FR | | 3065 Habstetten | | 8046 Reckenholz ZH | |
|---|---|---|---|---|---|---|---|---|---|---|
| Palmer | 6.2 | - | 5.7 | -- | 6.7 | - | 6.1 | -- | 6.5 | ----- |
| P8609 | 6.7 | -------- | 6.4 | ------ | 7.2 | --------- | 6.5 | ------- | 6.9 | -------- |
| Walterinio KWS | 6.7 | ------- | 6.4 | ------ | 7.1 | -------- | 6.6 | -------- | 6.7 | ------ |
| Figaro | 6.6 | ----- | 6.3 | ------ | 6.9 | ----- | 6.5 | ------ | 6.5 | ----- |
| Indexx | 6.6 | ------- | 6.2 | ----- | 7.0 | ----- | 6.2 | ---- | 6.9 | -------- |
| LG 30.306 | 6.3 | -- | 5.6 | - | 6.8 | --- | 6.2 | --- | 6.5 | ---- |
| Amaveritas | 6.4 | --- | 5.5 | - | 7.0 | ------ | 6.4 | ------ | 6.5 | ----- |
| RGT Karlaxx | 6.8 | --------- | 6.4 | ------- | 7.0 | ------ | 6.4 | ------ | 7.0 | --------- |
| ER3584 | 6.4 | --- | 6.0 | ---- | 7.1 | ------- | 6.0 | - | 6.6 | ----- |
| SM G0259 | 6.5 | ---- | 6.4 | ------- | 6.9 | ---- | 6.4 | ------ | 6.6 | ----- |
| P8666 | 6.7 | ------- | 6.3 | ------ | 7.1 | -------- | 6.3 | ----- | 6.8 | ------- |
| SB1385 | 6.7 | ------- | 6.5 | ------- | 7.1 | -------- | 6.5 | ------- | 6.7 | ------ |
| LZM365/48 | 6.7 | ------- | 6.4 | ------ | 7.0 | ------ | 6.4 | ------ | 6.9 | -------- |
| Supiter | 6.7 | ------- | 6.7 | --------- | 7.2 | --------- | 6.2 | --- | 6.9 | -------- |
| KXB6143 | 6.6 | ----- | 6.3 | ------ | 7.0 | ------ | 6.2 | ---- | 6.7 | ------ |
| KXB6316 | 6.6 | ------ | 6.3 | ------ | 7.0 | ------ | 6.6 | --------- | 6.7 | ------ |
| DFI44980 | 6.5 | ----- | 6.1 | ----- | 7.0 | ------ | 6.1 | - | 6.7 | ------ |
| DFI45602 | 6.3 | - | 6.1 | ---- | 6.9 | ---- | 6.2 | --- | 6.0 | - |
| ES Metronom | 6.5 | ----- | 6.3 | ------ | 6.9 | ---- | 6.1 | - | 6.6 | ------ |
| FÜLLSORTE | 6.5 | ---- | 6.2 | ----- | 7.0 | ----- | 6.2 | --- | 6.5 | ----- |
| | | | | | | | | | | |
| -Bezugsgrösse(n) | 6.7 | ------- | 6.4 | ------ | 7.1 | -------- | 6.6 | -------- | 6.8 | ------- |
| Versuchs-Mittel | 6.5 | ----- | 6.2 | ----- | 7.0 | ------ | 6.3 | ---- | 6.7 | ------ |
| | | | | | | | | | | |
| VK [%] | 3.9 | | 5.5 | | 3.0 | | 5.0 | | 3.5 | |
| KGD (5%) | 0.2 | | 0.6 | | ns | | ns | | 0.4 | |
| KGD (1%) | 0.2 | | ns | | ns | | ns | | 0.5 | |
| Versuchs-Streuung | 0.3 | | 0.3 | | 0.2 | | 0.3 | | 0.2 | |
| FG Fehlerterm | 266.0 | | 38.0 | | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 21.0 | | 3.0 | | 3.0 | | 3.0 | | 3.0 | |

***Varianz-Analyse***

| | S.Q. | FG | F-Wert | | F(95%) | P0 |
|---|---|---|---|---|---|---|
| Verfahren | 9.0 | 19 | 7.49 | *** | 1.63 | 0.0000 |
| Anbauorte | 28.2 | 6 | 73.95 | *** | 2.14 | 0.0000 |
| WW Verf.*Anb.Orte | 8.5 | 114 | 1.17 | ns | 1.29 | |
| Fehler | 16.9 | 266 | | | | |
| Insgesamt | 62.6 | 405 | | | | |

## NEV (NIRS) [MJ/kg MS] / NEV (NIRS) [MJ/kg TS]

| Verfahren | 8193 Eglisau ZH | | 8566 Ellighausen TG | | 9452 Hinterforst SG | |
|---|---|---|---|---|---|---|
| Palmer | 6.6 | - | 6.4 | ---- | 5.8 | - |
| P8609 | 6.8 | ----- | 6.6 | ------ | 6.6 | ------- |
| Walterinio KWS | 6.7 | ---- | 6.6 | ------- | 6.6 | ------- |
| Figaro | 6.6 | - | 6.6 | ------- | 6.5 | ------ |
| Indexx | 6.9 | ------- | 6.6 | ------ | 6.7 | -------- |
| LG 30.306 | 6.9 | ------- | 6.1 | - | 6.2 | ---- |
| Amaveritas | 6.8 | ----- | 6.3 | --- | 6.4 | ----- |
| RGT Karlaxx | 6.9 | --------- | 6.8 | --------- | 6.8 | --------- |
| ER3584 | 6.9 | ------- | 6.3 | --- | 5.9 | - |
| SM G0259 | 6.7 | --- | 6.4 | ---- | 6.0 | -- |
| P8666 | 6.8 | ------ | 6.8 | --------- | 6.6 | ------- |
| SB1385 | 6.9 | --------- | 6.7 | -------- | 6.3 | ----- |
| LZM365/48 | 6.7 | ---- | 6.6 | ------ | 6.7 | -------- |
| Supiter | 6.9 | -------- | 6.5 | ----- | 6.3 | ----- |
| KXB6143 | 6.8 | ----- | 6.6 | ------ | 6.3 | ---- |
| KXB6316 | 6.8 | ----- | 6.6 | ------ | 6.3 | ----- |
| DFI44980 | 6.6 | - | 6.5 | ------ | 6.5 | ------ |
| DFI45602 | 6.6 | - | 6.3 | -- | 6.0 | -- |
| ES Metronom | 6.7 | ---- | 6.6 | ------ | 6.3 | ----- |
| FÜLLSORTE | 6.7 | ---- | 6.4 | ---- | 6.3 | ----- |
| | | | | | | |
| -Bezugsgrösse(n) | 6.8 | ----- | 6.6 | ------- | 6.6 | ------- |
| Versuchs-Mittel | 6.8 | ----- | 6.5 | ----- | 6.4 | ----- |
| | | | | | | |
| VK [%] | 2.6 | | 3.2 | | 3.7 | |
| KGD (5%) | ns | | 0.3 | | 0.4 | |
| KGD (1%) | ns | | ns | | 0.5 | |
| Versuchs-Streuung | 0.2 | | 0.2 | | 0.2 | |
| FG Fehlerterm | 38.0 | | 38.0 | | 38.0 | |
| Anz. Beob. | 3.0 | | 3.0 | | 3.0 | |

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