



Résultats des essais variétaux de maïs ensilage 2015

Silomais Hauptversuch 2015

Autoren

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In Zusammenarbeit mit

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Legende					
KM01	Körnermais früh / maïs grain précoce	SM01	Silomais früh / maïs ensilage précoce	STD T	Standardsorte weitere Sorte aus Sortenliste
KM11	Körnermais mittelfrüh / maïs grain mi-précoce	SM11	Silomais mittelfrüh / maïs ensilage mi-précoce	e1	Neue Sorte/ 1. Prüfung / Empfehlende Sortenliste
KM21	Körnermais mittelspät – spät / maïs grain mi-tardif - tardif	SM21	Silomais mittelspät – spät / maïs ensilage mi-tardif - tar- dif	e2	Neue Sorte / 2. Prüfung / Empfehlende Sortenliste
KM41	Körnermais mittelfrüh Tes- sin / maïs grain mi-précoce Tessin	SM41	Silomais mittelfrüh Tessin / maïs ensilage mi-précoce Tessin	1.	Neue Sorte / 1. Prüfung / Nationaler Sortenkatalog
KM42	Körnermais mittelspät – spät Tessin / maïs grain mi-tardif – tardif Tessin	SM42	Silomais mittelspät – spät Tessin / maïs ensilage mi- tardif – tardif Tessin	2.	Neue Sorte / 2. Prüfung / Nationaler Sortenkatalog

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Die vorliegenden Ergebnisse sind nur aufgrund dem Mitwirken verschiedener Personen möglich geworden. Wir bedanken uns deshalb ganz besonders bei den Landwirten der verschiedenen Versuchsstandorte, den Personen bei DSP Delley, den Personen des Qualitätslabors in Changins sowie den zahlreichen Hilfskräften für ihre wertvolle Unterstützung und die angenehme Zusammenarbeit.

Anmerkung

Die Qualitätsanalysen der Standorte Reckenholz (SM11, SM21), Habstetten (SM11, SM21) sowie Alikon (SM11) und Ellighausen (SM21) wurden nicht im Labor in Changins gemacht.

1. Merkmale / Caractères

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 m² à la récolte
- Effektive Bestandesdichte bei der Ernte in Pflanzen pro m²

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 / 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

3.1 Serie früh

3.1.1 Standortangaben

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	Saattermin / date de semis	Erntetermin / date de récolte
1376	Goumoens	622	22.5.2015	Wasserstress > unregelmässiger Feldaufgang > aufgegeben
1567	Delley	514	19.5.2015	7.9.2015
1725	Grangeneuve	650	18.5.2015	29.9.2015
3065	Habstetten	680	12.5.2015	1.10.2015
5643	Alikon	475	1.6.2015	22.10.2015
8046	Reckenholz	440	29.5.2015	13.10.2015, Qualitätsdaten nicht berücksichtigt
8193	Eglisau	390	11.5.2015	10.9.2015
8566	Ellighausen	517	14.5.2015	29.9.2015

3.1.2 Sorten/Status

Name	Synonym	Hybrid Typ	Züchter	Vertreter	KM	SM
Ampezzo	LZM 157/73	SC	Limagrain / F	Fenaco, Moudon		SM01/S
LG 30.222	LZM 158/51	SC	Limagrain / F	Fenaco, Moudon	KM01/S	SM01/S
P8057		SC	Pioneer	Pioneer		SM01/S
Schobbi CS	CSM 0163 A	SC	Caussade	Schweizer		SM01/S
DKC 3333	EL3442	SC	Monsanto	Monsanto		SM01/S
SY Tivio	SA0702	SC	Syngenta	Syngenta, Dielsdorf		SM01/S
Kompetens	KXB2007	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/S	SM01/S
SY Tribore	SB0781	SC	Syngenta	Syngenta, Dielsdorf		SM01/S
Farmezzo	GL 13108	SC	Saatzucht Moreau	Samen Steffen		SM01/e2
LG 31.211	LZM163/74	SC	Limagrain / Europe	Fenaco, Moudon	KM01/e2	SM01/e2
Belami	CSM1168	SC	Caussade Semence	Fenaco, Moudon		SM01/e2
Spyci CS	CSM2152	SC	Caussade Semence	Schweizer		SM01/e2
KWS Nestor	KXB2305	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e2	SM01/e2
LZM164/85	LZM164/85	SC	Limagrain / Europe	Fenaco, Moudon		SM01/e1
Babexx	RH11006	SC	RAGT 2n	Fenaco, Moudon		SM01/e1
Tell KWS	KXB3011	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e1
Amaverde	KXB3013	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e1
KXB4001	KXB4001	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e1
KXB4124	KXB4124	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e1
KXB4302	KXB4302	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e1
KXB4127	KXB4127	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM01/e1
P7923	X75D340	SC	Pioneer	Pioneer, Manno		SM01/e1
SY Nordicstar	SA0022	SC	Syngenta, CH	Syngenta, Dielsdorf	KM01/e1	SM01/e1
Skarb	SMH26708	TC	HR Smolice Sp.	Schweizer, Thun		SM01/e1
Zuma	GL1274	SC	Saatzucht Gleisdorf	Samen Steffen		SM01/e1
GL14205	GL14205	SC	Saatzucht Gleisdorf	Fenaco, Moudon		SM01/e1
EP2932	EP2932	SC	Monsanto, USA	Monsanto, Morges		SM01/e1
MAS 12.H	MGM227706	SC	Maisadour, F	Fenaco, Moudon		SM01/e1
DSP46132	DSP46132	SC	DSP, Delley	DSP, Delley		SM01/1.
Fabregas	KXA 6306	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/T
Cathy	LZM160/73	SC	Limagrain / Europe	Hauenstein, Rafz		SM01/T
P7524	X75A244	SC	Pioneer	Pioneer, Manno		SM01/T
P7631	X8V240	SC	Pioneer	Pioneer, Manno		SM01/T
Lidano	SL19023	SC	Saatbau Linz	Saatbau Linz		SM01/T
SY Amboss	SA1051	SC	Syngenta	Syngenta, Dielsdorf		SM11/T
Coditank	CSM1161	SC	Caussade Semence	Fenaco, Moudon		SM11/T

3.1.3 Standorteigenschaften und Bewirtschaftungsmassnahmen

Technische Versuchsangaben / données techniques / technical information							
Standort / lieu / site:	Grangeneuve (650 m ü.M.)	Habstetten (680 m ü.M.)	Delley (500 m ü.M.)	Alikon, Tönihof (530 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:	moyen	sandiger Lehm	Moyen	Schwach humoser Lehm, pH 6.9	tiefgründige Braunerde	tiefgründige Parabraunerde	pH 7.5; Lehm
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):	-	n.a. mm 1637 °C	155.2 mm; 1593.9 °C;	-	284 mm 1684 °C	-	390 mm 1547 °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), 10 m2 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	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:	Kunstwiese / prairie artificielle / temporary grassland	Gerste / orge	Blé de printemps	Zuckerrüben	Kunstwiese / prairie temporaire / temporary grassland	Zuckerrüben	Raps + Zwischenfutter
Bodenbearbeitung / travail du sol / soil cultivation:	Pflug / labour / plough (18.3.2015), roulé le labour (cambridge, 19.3.2015), Kreiselegge / herse rotative / rotary harrow (17.5.2015)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug / charrue / plough (4.12.14); Kreiselegge / herse rotative / rotary harrow (19.5.15)	Mulchsaat Grubber / Kreiselegge	Pflug / charrue / plough (23.5.15); Kreiselegge / herse rotative / rotary harrow (25.5.15)	Grubber / Kreiselegge	Pflug / charrue / plough (14.5.15); Federzahnegge / herse / harrow
Saat / date de semis / sowing date:	42142	13.05.2015	19.05.2015	1. Jun 15 (2. Saattermin) [1. Saat vom 24.04.15 wegen Verschlämmung nach 3maligem Starkregen mit 200 mm aufgegeben]	29.5.15	11.05.2015	14.05.2015
Ernte / date de récolte / harvest date:	29.09.2015;	01.10.15	07.09.15	22.10.2015	13.10.15	10.9. 2015	29.9.15
Saadichte / densité de semis / sowing density:	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2	Semis: 13.2 grains pro m2, éclaircit à 10 plantes/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

Standort / lieu / site:	Grangeneuve (650 m ü.M.)	Habstetten (680 m ü.M.)	Delley (500 m ü.M.)	Alikon, Tönihof (530 m ü.M.)	Zürich- Affoltern (450 m ü.M.)	Eglisau (392 m ü.M.)	Ellighausen (517 m ü.M.)
Vegetationsdauer / durée de vegetation / growing period	134 Tage / jours / days	141 Tage / jours / days	111 jours	143 Tage / jours / days	137 Tage / jours / days	122 Tage / jours / days	138 Tage / jours / days
Reihenabstand / interlignes / row distance:	75 cm	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm
Mechanische Unkrautbekämp- fung / désherbage mécanique / mechanical weed control:	-	-	-	30.05.15 Flügelschargrub- ber für Neusaat; für 1. Saattermin Streifenfräse	2 x hacken Nachauflauf zwischen den Reihen / sarclage (après la levée) entre les lignées / hoeing after emergence in between rows (12.6.15, 29.6.15)	-	-
Chemische Unkrautbekämp- fung / désherbage chimique / chemical weed control:	1.5 l/ha Equip Power (10.6.15)	Calaris 1.5l, Dual Gold 1.2l (28.05.15)	Calaris 1.5 L/ha + Dual Gold 1 L/ha (08.6.2015, 4-5 feuilles)	Andil 0.4 l / ha Barst 1.0 l / ha Pyran 0.5 l / ha Dual Gold 0.5 l / ha + Netzmittel (17.06.2015)	Andil 1kg/ha, Dasul 1l/ha, Mikado 1l/ha (7.7.15)	Gardo Gold 4lt/ ha, Calisto 0.8 lt/ ha, Da- sul 0.8 lt/ ha	Gardo Gold 4l/ha + Callisto 0.75l/ha + Banvel 4S 0.5l/ha (15.5.15)
Grunddüngung / fumure de base / basic fertilisation:	-	120kg K / ha, 57.6kg P / ha	25.08.14: Landor (0/20/30) 230kg/ha	27 t Mist / ha (10.04.15); Schweinegülle 35 m3 / ha (20.6.2015)	129kg P2O5 /ha (1.6.15, Triple Superphosphat); 300kg K2O /ha (1.6.15, Kalisalz)	-	
N-Düngung / fumure N / N ferti- lisation:	115 kg N/ha (Urée 46%, 11.6.15)	45.9 kg / ha (18.5.15, Ammonsalpeter 27%); 82.8kg N/ha (11.06.15, Harnstoff 46%)	19.05.15: Sulfonitrate (26/0/0) 305kg/ha 18.06.15 urée 46N 165kg/ha	40kg N / ha (Ammonsalpe- ter, 14.4.14); 74kg N / ha (Harnstoff, 13.06.15)	49.9kg N /ha, 4.6kg Mg /ha (12.6.15, Mg Am- monsalpeter), 63.6kg N / ha (29.6.15, Harnstoff) zur Reihe / près de la ligne / to the row	138kg N/ ha (Harn- stoff)	40kg N/ha (18.5.15, Am- monsalpeter); 70kg N/ha (2.6.15, Harnstoff)
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Ensileuse experimen- tale	New Holland Versuchs- maishäcksler	New Holland Versuchs- maishäcksler	New Holland Ver- suchsmaishäcksler	New Holland Versuchsmais- häcksler

3.1.4 Index

Sorte	Status	VOS	Ertrag	Reife	Jug.entw.	Wurlag. Veg.	Wulag. Ernte	Stäbru. Ernte	Beulenbr.	Oekon. Ind.	Agron. Ind.	Gesamtindex
KXB4302	e1	0.99	5.52	-2.15	0.14	0.84	0.00	-0.03	-0.20	6.51	-1.39	5.12
EP2932	e1	-1.87	2.14	1.09	0.06	0.80	0.00	0.01	-0.37	0.27	1.59	1.86
P7631	T	5.02	-3.93	0.02	0.10	0.54	0.00	0.03	-0.09	1.09	0.60	1.69
DKC 3333	S	0.95	-0.27	-0.18	0.01	-0.07	0.00	-0.01	0.03	0.68	-0.22	0.46
SY Amboss	T	-5.04	4.74	-0.60	0.12	0.80	0.00	0.01	-0.12	-0.31	0.21	-0.10
Kompetens	S	-0.95	0.27	0.18	-0.01	0.07	0.00	0.01	-0.03	-0.68	0.22	-0.46
P 8057	S	-0.39	-1.68	0.59	0.00	0.69	0.00	0.01	-0.19	-2.07	1.10	-0.97
Sovci CS	e2	-1.22	-0.35	-0.18	0.21	0.54	0.00	0.01	-0.24	-1.57	0.34	-1.23
LG 31.211	e2	-4.82	4.39	-0.42	0.12	0.18	-0.89	0.01	-0.26	-0.43	-1.25	-1.68
KXB4124	e1	-2.19	3.05	-1.76	0.11	-1.75	0.00	0.03	-0.37	0.86	-3.75	-2.89
Coditank	T	-3.18	-0.46	0.59	0.04	-0.10	0.00	0.10	-0.30	-3.64	0.33	-3.31
Schobbi CS	S	-4.00	-1.58	0.67	0.22	0.24	0.00	0.07	0.22	-5.58	1.41	-4.17
Amaverde	e1	-0.83	-2.32	-0.53	0.00	0.03	0.00	0.01	-0.55	-3.15	-1.04	-4.20
KXB4001	e1	-6.12	0.34	1.43	0.19	0.38	0.00	0.03	-0.74	-5.78	1.29	-4.49
KXB4127	e1	-4.99	2.66	-1.95	0.15	-0.28	0.00	0.14	-0.51	-2.34	-2.44	-4.78
LG 30.222	S	-4.10	-0.26	-1.80	0.08	0.82	0.00	0.01	-0.13	-4.36	-1.02	-5.38
MAS 12.H	e1	-2.07	-0.97	-2.96	0.07	0.65	0.00	0.03	-0.15	-3.03	-2.35	-5.39
Farmezzo	e2	-2.37	0.80	-3.29	0.07	0.54	0.00	-0.42	-0.92	-1.57	-4.01	-5.58
Belami	e2	-3.07	-4.76	2.29	0.13	0.19	0.00	0.03	-0.49	-7.83	2.14	-5.69
SY Tivio	S	-5.12	1.08	-1.94	0.01	0.75	0.00	-0.01	-0.52	-4.04	-1.70	-5.74
SY Nordicstar	e1	-5.83	-2.34	0.52	-0.01	0.82	0.00	0.03	-0.26	-8.17	1.09	-7.08
Ampezzo	S	-0.90	-5.23	-0.27	-0.05	-0.54	0.00	-0.03	-0.07	-6.13	-0.96	-7.08
Babexx	e1	-3.49	-2.90	-1.33	-0.08	0.69	0.00	0.01	-0.24	-6.39	-0.96	-7.35
Lidano	T	-5.19	-1.03	-0.93	-0.19	0.69	0.00	-0.03	-1.34	-6.22	-1.80	-8.02
SY Tribore	S	-8.07	0.35	-2.31	0.00	0.69	0.00	0.03	0.22	-7.72	-1.38	-9.10
Cathv	T	-6.71	-1.52	-1.01	0.04	0.50	0.00	-0.01	-0.69	-8.23	-1.16	-9.39
GL14205		-0.83	-4.34	-4.36	0.09	0.78	0.00	0.03	-0.91	-5.16	-4.38	-9.54
P7524	T	-5.76	-2.58	-0.99	0.08	-0.21	0.00	0.03	-0.87	-8.35	-1.96	-10.31
LZM164/85	e1	-0.94	-7.47	0.92	0.01	-1.54	-1.34	-0.01	-0.99	-8.41	-2.94	-11.35
P7923	e1	-7.95	-0.92	-1.28	0.27	-0.98	0.00	0.07	-0.61	-8.87	-2.53	-11.40
Fabreas	T	-9.07	-3.46	-0.26	0.03	0.82	0.00	-0.40	-0.07	-12.53	0.12	-12.41
KWS Nestor	e2	-3.25	-6.35	-2.04	0.11	-1.41	0.00	0.03	-0.57	-9.59	-3.89	-13.48
DSP46132	1.	-11.33	-4.97	0.28	0.05	0.84	0.00	0.07	-3.07	-16.29	-1.83	-18.13
Tell KWS	e1	-5.86	-10.30	-0.52	-0.01	-1.99	0.00	0.10	-0.75	-16.15	-3.17	-19.32
Skarb	e1	-10.11	-1.97	-6.33	-0.09	0.63	0.00	0.10	-2.06	-12.08	-7.75	-19.83
Zuma	e1	-9.03	-4.81	-6.24	0.05	0.51	0.00	-0.40	-0.42	-13.84	-6.51	-20.36
Bezugsrössen		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anz. Beob.		18	21	21	18	9	3	3	18			
Anz. Orte		6	7	7	6	3	1	1	6			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.1.5 Zusammenfassung

Sorten Bezeichnung	Jugend ent- wicklg Note	allg. Eindruck Note	Pflanzen hoehe cm	Kolben ansatz hoehe cm	Green snaping Note	VOS g/kg TS g.Pfl. NIR	Staerke g/kg TS g.Pfl. NIR	Rohfaser g/kg TS NIR
Ampezzo	4.1	4.7	196	96	1.7	756.4	371	145
LG 30.222	3.7	3.0	203	94	1.0	747.0	378	145
P 8057	3.9	6.0	204	94	1.7	757.8	395	141
Schobbi CS	3.4	1.7	204	88	1.1	747.3	385	147
DKC 3333	3.9	3.3	193	89	1.1	761.7	391	141
SY Tivio	3.9	1.7	219	96	1.0	744.1	376	149
Kompetens	4.0	5.0	201	85	0.9	756.2	385	143
SY Tribore	3.9	5.3	201	92	1.0	735.4	364	153
Farmezzo	3.8	5.7	213	90	1.1	752.1	371	143
LG 31.211	3.6	3.0	216	95	1.0	744.9	371	150
Belami	3.6	6.3	205	95	1.0	750.0	385	146
Spyci CS	3.4	5.0	207	93	1.0	755.4	380	146
KWS Nestor	3.7	6.3	212	99	3.1	749.5	386	146
LZM164/85	3.9	6.3	202	95	3.0	756.2	387	144
Babexx	4.1	3.0	216	100	1.1	748.8	389	144
Tell KWS	4.0	4.0	195	90	1.2	741.9	371	145
Amaverde	3.9	5.3	198	88	2.4	756.6	387	142
KXB4001	3.5	5.0	219	97	1.6	741.1	374	150
KXB4124	3.7	3.7	220	99	0.9	752.6	380	142
KXB4302	3.6	4.0	203	94	1.0	761.9	397	140
KXB4127	3.6	4.7	211	96	1.1	744.4	369	147
P7923	3.3	7.7	211	100	6.6	735.8	352	153
SY Nordicstar	4.0	5.0	200	84	0.8	742.0	372	149
Skarb	4.1	2.7	215	100	1.1	729.5	358	151
Zuma	3.8	4.0	216	104	1.0	732.6	358	149
GL14205	3.7	4.0	213	91	0.9	756.6	386	141
EP2932	3.8	3.7	201	91	1.5	753.5	381	143
MAS 12.H	3.8	2.3	210	101	0.9	753.0	381	145
DSP46132	3.8	6.0	208	88	1.0	725.9	346	154
Fabregas	3.8	3.7	210	94	1.0	732.5	370	154
Cathy	3.8	5.0	200	94	1.0	739.4	363	152
P7524	3.8	4.3	220	99	1.6	742.2	354	151
P7631	3.7	4.7	196	90	1.3	773.6	405	133
Lidano	4.4	5.3	212	101	1.1	743.8	370	148
SY Amboss	3.6	3.0	220	111	1.0	744.3	382	150
Coditank	3.8	4.7	204	92	0.9	749.7	380	145
-Bezugs-	3.9	4.2	197	87	1.0	759.0	388	142
Versuchs-Mittel	3.8	4.4	208	95	1.4	747.7	376	146
VK [%]	14.8	33.3	5	8	51.1	2.6	6	7
KGD (5%)	0.4	2.4	8	6	1.2	12.8	15	6
KGD (1%)	0.5	3.2	11	8	1.6	16.9	20	9
Versuchs-Streu- FG Fehlerterm	0.6	1.5	10	8	0.7	19.5	23	10
Anz. Beob.	18.0	3.0	12	12	3.0	18.0	18	18
Anz. Orte	6.0	1.0	4	4	1.0	6.0	6	6
Minimum	3.3	1.7	193	84	0.8	725.9	346	133
Maximum	4.4	7.7	220	111	6.6	773.6	405	154

Sorten Bezeichnung	NDF g/kg TS NIR	Rohprot. g/kg TS NIR	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	Wurzel lager Veg. %	Wurzel lager Ernte %	Steng. bruch Ernte %
Ampezzo	331	64	450.2	178.2	39.9	12.8	0.0	0.5
LG 30.222	342	66	489.1	188.1	38.7	0.2	0.0	0.2
P 8057	325	66	460.7	185.3	40.6	1.4	0.0	0.2
Schobbi CS	334	65	457.6	185.5	40.6	5.6	0.0	-0.4
DKC 3333	321	65	470.4	188.1	39.9	8.5	0.0	0.4
SY Tivio	334	68	498.6	190.8	38.5	0.8	0.0	0.4
Kompetens	324	67	473.7	189.2	40.2	7.1	0.0	0.2
SY Tribore	351	64	498.0	189.4	38.2	1.4	0.0	0.0
Farmezzo	334	68	510.5	190.3	37.5	2.8	0.0	4.2
LG 31.211	345	64	499.9	197.4	39.8	6.1	8.3	0.2
Belami	333	68	432.5	179.1	41.9	6.1	0.0	0.0
Spyci CS	331	69	473.4	188.0	39.9	2.8	0.0	0.2
KWS Nestor	330	71	457.6	176.0	38.5	21.0	0.0	0.0
LZM164/85	326	68	428.3	173.7	40.8	22.2	12.5	0.4
Babexx	331	66	469.0	182.9	39.0	1.4	0.0	0.2
Tell KWS	331	68	422.3	168.1	39.7	26.4	0.0	-0.7
Amaverde	332	66	467.4	184.0	39.7	7.5	0.0	0.2
KXB4001	345	64	461.4	189.3	41.2	4.3	0.0	0.0
KXB4124	326	65	505.7	194.8	38.7	24.2	0.0	0.0
KXB4302	322	68	521.4	199.7	38.4	0.0	0.0	0.5
KXB4127	337	63	508.1	194.0	38.5	10.4	0.0	-1.1
P7923	345	66	480.4	186.8	39.1	17.0	0.0	-0.4
SY Nordicstar	335	71	456.1	184.0	40.5	0.2	0.0	0.0
Skarb	335	68	530.5	184.7	35.0	1.9	0.0	-0.7
Zuma	329	71	510.2	179.0	35.1	3.1	0.0	4.0
GL14205	313	69	491.9	180.0	36.6	0.5	0.0	0.0
EP2932	332	65	472.3	192.9	41.0	0.4	0.0	0.2
MAS 12.H	325	69	495.7	186.7	37.7	1.7	0.0	0.0
DSP46132	350	68	444.0	178.7	40.3	0.0	0.0	-0.4
Fabregas	350	66	458.7	181.7	39.9	0.2	0.0	4.0
Cathy	346	66	476.8	185.6	39.3	3.1	0.0	0.4
P7524	353	64	468.9	183.5	39.3	9.7	0.0	0.0
P7631	307	69	452.5	180.8	40.1	2.8	0.0	0.0
Lidano	341	66	476.9	186.6	39.3	1.4	0.0	0.5
SY Amboss	348	66	502.0	198.1	39.6	0.3	0.0	0.2
Coditank	335	66	465.2	187.7	40.6	8.7	0.0	-0.7
Bezugsgrösse(n)	322	66	472.1	188.7	40.1	7.8	0.0	0.3
Versuchs-Mittel	334	67	476.1	185.8	39.3	6.2	0.6	0.3
VK [%]	5	5	7.2	7.8	4.1	125.3	420.1	571.6
KGD (5%)	11	2	20.8	8.8	1.0	7.3	4.0	
KGD (1%)	14	3	27.4	11.5	1.3	9.6	5.3	
Versuchs-Streu-	16	4	34.3	14.4	1.6	7.8	2.4	2.0
FG Fehlerterm	374	389	415.0	400.0	400.0	195.0	70.0	55.0
Anz. Beob.	18	18	21.0	21.0	21.0	9.0	3.0	3.0
Anz. Orte	6	6	7.0	7.0	7.0	3.0	1.0	1.0
Minimum	307	63	422.3	168.1	35.0	0.0	0.0	-1.1
Maximum	353	71	530.5	199.7	41.9	26.4	12.5	4.2

Sorten Bezeichnung	Beulen brand %	Eff. Best. dichte Pfl./m2	relat. Kolben hoehe %	Saat - weibl. Bluete Tage	NEL MJ/kg TS	NEV MJ/kg TS	VOS- Ertrag dt/ha	Stärke- ertrag dt/ha
Ampezzo	1.6	10.0	50	66	7.0	7.3	138.1	67.7
LG 30.222	1.8	9.8	44	66	6.9	7.2	144.8	73.2
P 8057	2.1	9.3	44	66	7.0	7.4	142.6	74.7
Schobbi CS	0.2	9.8	42	67	6.9	7.2	141.3	72.8
DKC 3333	1.1	9.7	45	68	7.0	7.4	144.2	74.1
SY Tivio	3.6	9.5	43	67	6.9	7.2	144.3	72.8
Kompetens	1.4	10.1	41	67	7.0	7.3	146.3	74.6
SY Tribore	0.2	10.1	44	67	6.7	7.0	141.5	70.4
Farmezzo	5.5	9.8	41	66	6.9	7.3	144.9	71.5
LG 31.211	2.4	9.8	44	67	6.9	7.2	149.6	74.7
Belami	3.5	9.9	45	66	6.9	7.2	137.5	70.9
Spyci CS	2.4	10.0	45	66	7.0	7.3	142.6	71.6
KWS Nestor	3.9	10.3	45	67	6.9	7.2	133.5	69.4
LZM164/85	5.8	10.3	45	66	7.0	7.3	134.4	69.1
Babexx	2.4	10.1	45	67	6.9	7.2	139.1	72.5
Tell KWS	4.8	10.2	46	67	6.8	7.1	126.8	64.2
Amaverde	3.8	10.3	43	66	7.0	7.3	141.7	72.8
KXB4001	4.7	9.9	43	65	6.8	7.1	140.0	70.7
KXB4124	3.0	9.8	44	66	6.9	7.3	147.2	74.6
KXB4302	2.2	10.0	44	66	7.0	7.4	154.5	80.5
KXB4127	3.6	10.3	44	68	6.8	7.2	147.4	73.1
P7923	4.1	9.9	46	66	6.8	7.0	140.0	67.1
SY Nordicstar	2.5	9.9	40	65	6.8	7.1	138.8	69.6
Skarb	10.9	9.9	46	69	6.7	6.9	138.1	68.3
Zuma	3.2	9.7	47	68	6.7	7.0	133.6	66.2
GL14205	5.5	10.0	41	67	7.0	7.3	138.0	70.3
EP2932	2.9	9.3	43	68	7.0	7.3	148.5	75.3
MAS 12.H	1.9	10.0	46	65	6.9	7.3	140.8	71.3
DSP46132	15.6	9.6	40	65	6.6	6.9	130.9	62.2
Fabregas	1.6	10.3	44	68	6.7	7.0	136.1	68.8
Cathy	4.4	10.0	47	65	6.8	7.1	142.2	70.0
P7524	5.3	10.2	44	67	6.8	7.1	138.9	66.4
P7631	1.7	9.6	43	67	7.2	7.6	143.0	74.8
Lidano	7.5	9.1	46	68	6.8	7.2	140.8	70.2
SY Amboss	1.8	10.4	50	69	6.8	7.1	150.3	77.7
Coditank	2.6	9.7	42	67	6.9	7.2	141.9	72.2
Bezugsgrösse(n)	1.2	9.9	43	67	7.0	7.4	145.3	74.4
Versuchs-Mittel	3.7	9.9	44	67	6.9	7.2	141.2	71.3
VK [%]	129.0	4.9	8	2	3.2	4.0	8.8	11.0
KGD (5%)	3.1	0.3	3	1	0.1	0.2	8.2	5.2
KGD (1%)	4.1	0.4	4	2	0.2	0.3	10.8	6.8
Versuchs-Streu-	4.7	0.5	4	1	0.2	0.3	12.5	7.9
FG Fehlerterm	360.0	390.0	290	180	359.0	359.0	344.0	344.0
Anz. Beob.	18.0	18.0	15	9	18.0	18.0	18.0	18.0
Anz. Orte	6.0	7.0	5	3	6.0	6.0	6.0	6.0
Minimum	0.2	9.1	40	65	6.6	6.9	126.8	62.2
Maximum	15.6	10.4	50	69	7.2	7.6	154.5	80.5

3.1.6 Details

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
Ampezzo	4.1 -----	2.6 ----	5.7 -----	5.9 ---	3.7 -----
LG 30.222	3.7 ----	2.0 ---	5.7 -----	6.1 ----	3.6 -----
P 8057	3.9 -----	3.0 -----	5.0 ----	5.6 ---	3.3 -----
Schobbi CS	3.4 --	1.3 -	5.3 -----	6.0 ----	3.4 -----
DKC 3333	3.9 -----	3.3 -----	4.7 -	5.3 --	2.3 ---
SY Tivio	3.9 -----	2.4 ----	5.3 -----	6.0 ----	3.3 -----
Kompetens	4.0 -----	3.3 -----	5.3 -----	5.7 ---	2.8 -----
SY Tribore	3.9 -----	3.0 -----	5.0 ----	5.7 ---	3.1 -----
Farmezzo	3.8 ----	2.6 ----	5.3 -----	5.6 ---	2.5 ----
LG 31.211	3.6 ----	2.0 ---	5.3 -----	6.7 -----	3.0 -----
Belami	3.6 ----	2.7 -----	5.7 -----	6.0 ----	2.8 ----
Spyci CS	3.4 --	1.6 --	5.3 -----	5.7 ---	2.7 ----
KWS Nestor	3.7 ----	2.6 ----	5.0 ----	5.6 ---	2.7 ----
LZM164/85	3.9 -----	2.3 ----	5.7 -----	6.9 -----	3.0 -----
Babexx	4.1 -----	3.0 -----	5.0 ----	5.9 ----	3.6 -----
Tell KWS	4.0 -----	2.7 ----	5.0 ----	6.0 ----	3.4 -----
Amaverde	3.9 -----	4.0 -----	5.0 ----	5.4 --	2.6 ----
KXB4001	3.5 --	1.7 --	5.7 -----	7.4 -----	1.8 -
KXB4124	3.7 ----	3.0 -----	5.3 -----	5.0 -	2.5 ----
KXB4302	3.6 ---	2.0 ---	5.3 -----	6.1 ----	3.2 -----
KXB4127	3.6 ---	2.3 ----	5.0 ----	6.0 ----	2.6 ----
P7923	3.3 -	1.3 -	5.7 -----	6.3 ----	2.5 ----
SY Nordicstar	4.0 -----	2.7 ----	5.0 ----	7.0 -----	3.0 -----
Skarb	4.1 -----	3.7 -----	5.0 ----	5.3 --	3.3 -----
Zuma	3.8 ----	2.7 ----	5.0 ----	6.4 -----	3.1 -----
GL14205	3.7 ----	2.3 ----	5.0 ----	7.4 -----	2.6 ----
EP2932	3.8 ----	1.6 --	5.3 -----	6.0 ----	3.3 -----
MAS 12.H	3.8 ----	2.7 ----	5.0 ----	6.3 ----	2.7 ----
DSP46132	3.8 ----	3.0 -----	5.0 ----	8.0 -----	2.6 ----
Fabregas	3.8 ----	2.4 ----	5.0 ----	6.3 ----	3.4 -----
Cathy	3.8 ----	2.6 ----	5.3 -----	6.6 -----	3.2 -----
P7524	3.8 ----	3.0 -----	5.3 -----	6.3 ----	2.5 ----
P7631	3.7 ----	2.4 ----	5.0 ----	5.4 --	3.6 -----
Lidano	4.4 -----	4.0 -----	5.3 -----	6.1 ----	3.2 -----
SY Amboss	3.6 ----	2.7 ----	5.0 ----	5.6 ---	2.8 ----
Coditank	3.8 ----	3.0 -----	5.0 ----	5.7 ---	2.3 ---
Bezugsgrößen	3.9 -----	3.3 -----	5.0 ----	5.5 --	2.6 -----
Versuchs-Mittel	3.8 ----	2.6 ----	5.2 -----	6.1 ----	2.9 -----
VK [%]	14.8	27.2	7.3	8.3	23.0
KGD (5%)	0.4	1.2	ns	0.8	ns
KGD (1%)	0.5	1.5	ns	1.1	ns
Versuchs-Streuung	0.6	0.7	0.4	0.5	0.7
FG Fehlerterm	345.0	55.0	70.0	55.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	29.7	35	2.70 ***	1.46	0.0003
Anbauorte	1172.1	5	747.69 ***	2.24	0.0000
WW Verf.*Anb.Orte	152.5	175	2.78 ***	1.24	0.0001
Fehler	108.2	345			
Insgesamt	1462.4	560			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG
Ampezzo	3.2 -----	3.2 -----
LG 30.222	2.7 ----	2.5 ---
P 8057	3.7 -----	3.0 ----
Schobbi CS	2.0 --	2.4 --
DKC 3333	3.7 -----	4.2 -----
SY Tivio	3.7 -----	2.8 ----
Kompetens	3.0 -----	3.5 -----
SY Tribore	3.7 -----	3.1 -----
Farmezzo	3.7 -----	2.7 ----
LG 31.211	2.2 ---	2.7 ----
Belami	2.2 ---	2.5 ---
Spyci CS	2.7 ----	2.6 ---
KWS Nestor	3.2 -----	2.9 ----
LZM164/85	2.8 ----	2.7 ----
Babexx	4.2 -----	2.9 ----
Tell KWS	3.7 -----	3.0 ----
Amaverde	3.5 -----	3.2 -----
KXB4001	2.2 ---	2.2 --
KXB4124	3.0 -----	3.2 -----
KXB4302	2.7 ----	2.3 --
KXB4127	3.2 -----	2.4 --
P7923	2.0 --	2.0 -
SY Nordicstar	2.9 ----	3.2 -----
Skarb	3.5 -----	4.0 -----
Zuma	2.8 ----	2.9 ----
GL14205	2.2 ---	3.0 ----
EP2932	3.2 -----	3.4 -----
MAS 12.H	2.8 ----	3.0 ----
DSP46132	1.7 -	2.5 ---
Fabregas	2.8 ----	3.2 -----
Cathy	2.5 ----	2.8 ----
P7524	2.3 ---	2.9 ----
P7631	2.8 ----	3.0 ----
Lidano	3.5 -----	4.2 -----
SY Amboss	2.8 ----	2.9 ----
Coditank	3.3 -----	3.7 -----
Bezugsgrössen	3.3 -----	3.9 -----
Versuchs-Mittel	2.9 -----	3.0 ----
VK [%]	20.2	15.5
KGD (5%)	1.0	0.8
KGD (1%)	1.3	1.0
Versuchs-Streuung	0.6	0.5
FG Fehlerterm	55.0	55.0
Anz. Beob.	3.0	3.0

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel	1567 Delley FR
Ampezzo	4.7 -----	4.7 -----
LG 30.222	3.0 ---	3.0 ---
P 8057	6.0 -----	6.0 -----
Schobbi CS	1.7 -	1.7 -
DKC 3333	3.3 ---	3.3 ---
SY Tivio	1.7 -	1.7 -
Kompetens	5.0 -----	5.0 -----
SY Tribore	5.3 -----	5.3 -----
Farmezzo	5.7 -----	5.7 -----
LG 31.211	3.0 ---	3.0 ---
Belami	6.3 -----	6.3 -----
Spyci CS	5.0 -----	5.0 -----
KWS Nestor	6.3 -----	6.3 -----
LZM164/85	6.3 -----	6.3 -----
Babexx	3.0 ---	3.0 ---
Tell KWS	4.0 ----	4.0 ----
Amaverde	5.3 -----	5.3 -----
KXB4001	5.0 -----	5.0 -----
KXB4124	3.7 ----	3.7 ----
KXB4302	4.0 ----	4.0 ----
KXB4127	4.7 -----	4.7 -----
P7923	7.7 -----	7.7 -----
SY Nordicstar	5.0 -----	5.0 -----
Skarb	2.7 --	2.7 --
Zuma	4.0 ----	4.0 ----
GL14205	4.0 ----	4.0 ----
EP2932	3.7 ----	3.7 ----
MAS 12.H	2.3 --	2.3 --
DSP46132	6.0 -----	6.0 -----
Fabregas	3.7 ----	3.7 ----
Cathy	5.0 -----	5.0 -----
P7524	4.3 ----	4.3 ----
P7631	4.7 -----	4.7 -----
Lidano	5.3 -----	5.3 -----
SY Amboss	3.0 ---	3.0 ---
Coditank	4.7 -----	4.7 -----
Bezugsgrößen	4.2 -----	4.2 -----
Versuchs-Mittel	4.4 -----	4.4 -----
VK [%]	33.3	33.3
KGD (5%)	2.4	2.4
KGD (1%)	3.2	3.2
Versuchs-Streuung	1.5	1.5
FG Fehlerterm	70.0	70.0
Anz. Beob.	3.0	3.0

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Ampezzo	195.8 --	175.0 --	215.4 --	196.7 ----	196.2 ---
LG 30.222	202.7 ----	181.7 ----	225.5 ----	191.7 ---	211.9 -----
P 8057	204.0 ----	181.7 ----	228.3 ----	198.3 ----	207.7 -----
Schobbi CS	203.9 ----	168.3 -	237.5 -----	200.0 ----	209.9 -----
DKC 3333	193.4 -	168.3 -	216.1 --	200.0 ----	189.0 -
SY Tivio	218.6 -----	191.7 -----	253.4 -----	206.7 -----	222.7 -----
Kompetens	201.5 ----	175.0 --	223.7 ----	208.3 ----	198.8 ---
SY Tribore	201.5 ----	180.0 ----	223.6 ----	188.3 --	213.9 -----
Farmezzo	213.1 -----	188.3 -----	243.9 -----	200.0 ----	220.0 -----
LG 31.211	216.3 -----	201.7 -----	233.2 -----	215.0 -----	215.3 -----
Belami	204.8 ----	185.0 ----	231.8 ----	185.0 -	217.6 -----
Spyci CS	206.9 ----	188.3 ----	225.2 ----	198.3 ----	215.8 -----
KWS Nestor	212.2 -----	186.7 ----	227.3 ----	211.7 -----	223.3 -----
LZM164/85	201.6 ---	195.0 -----	214.0 --	193.3 ---	203.9 ----
Babexx	216.0 -----	181.7 ---	242.6 -----	218.3 -----	221.3 -----
Tell KWS	195.2 -	170.0 -	208.6 -	196.7 ----	205.6 ----
Amaverde	197.5 --	175.0 --	226.1 ----	198.3 ----	190.7 -
KXB4001	219.3 -----	208.3 -----	244.2 -----	205.0 ----	219.6 -----
KXB4124	219.9 -----	195.0 ----	245.2 -----	216.7 -----	222.9 -----
KXB4302	203.3 ---	186.7 ----	220.8 ---	195.0 ---	210.9 -----
KXB4127	211.2 -----	186.7 ----	235.2 -----	201.7 ----	221.2 -----
P7923	211.4 -----	186.7 ----	241.3 -----	198.3 ----	219.4 -----
SY Nordicstar	200.4 ---	180.0 ----	234.8 ----	193.3 ---	193.5 --
Skarb	215.3 -----	198.3 -----	238.9 -----	205.0 ----	219.1 -----
Zuma	216.3 -----	183.3 ---	236.4 -----	220.0 -----	225.3 -----
GL14205	213.2 -----	196.7 -----	239.0 -----	205.0 ----	212.1 -----
EP2932	201.0 ---	170.0 -	231.4 ----	196.7 ----	205.8 ----
MAS 12.H	210.0 -----	188.3 ----	236.8 -----	196.7 ----	218.3 -----
DSP46132	207.7 ----	176.7 ---	229.0 ----	201.7 ----	223.4 -----
Fabregas	209.9 ----	181.7 ---	238.1 ----	210.0 -----	209.8 ----
Cathy	199.6 ---	178.3 ---	226.6 ----	191.7 ---	201.7 ----
P7524	220.0 -----	206.7 -----	235.9 -----	213.3 -----	224.2 -----
P7631	196.5 --	173.3 --	213.2 --	200.0 ----	199.4 ---
Lidano	212.4 -----	191.7 ----	234.4 ----	211.7 -----	211.8 -----
SY Amboss	219.6 -----	205.0 -----	237.0 -----	213.3 -----	223.1 -----
Coditank	203.9 ----	185.0 ----	227.3 ----	196.7 ----	206.5 ----
Bezugsgrößen	197.4 --	171.7 -	219.9 ---	204.2 ----	193.9 --
Versuchs-Mittel	207.7 ----	185.3 ----	231.2 ----	202.2 ----	212.0 -----
VK [%]	4.9	5.9	3.8	4.9	5.0
KGD (5%)	8.1	17.8	14.3	16.1	17.4
KGD (1%)	10.7	23.7	19.0	21.4	23.1
Versuchs-Streuung	10.1	10.9	8.7	9.9	10.6
FG Fehlerterm	250.0	70.0	55.0	70.0	55.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	26601.9	35	7.42 ***	1.47	0.0000
Anbauorte	118784.0	3	386.57 ***	2.64	0.0000
WW Verf.*Anb.Orte	15184.3	105	1.41 ns	1.30	
Fehler	25606.5	250			
Insgesamt	186176.6	393			

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

Verfahren	Seriemittel	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Ampezzo	96.2 ----	96.7 -----	104.9 -----	88.6 ----	94.6 ----
LG 30.222	93.6 ----	90.0 -----	99.6 ----	91.0 ----	93.8 ----
P 8057	93.7 ----	90.0 -----	106.3 -----	88.4 ----	90.1 ----
Schobbi CS	87.6 --	91.7 -----	96.7 --	76.3 -	85.8 --
DKC 3333	89.0 --	86.7 -----	100.0 ----	88.7 ----	80.7 --
SY Tivio	95.7 ----	83.3 ----	111.1 -----	90.6 ----	97.5 -----
Kompetens	85.5 -	73.3 -	94.1 --	84.2 ---	90.4 ----
SY Tribore	91.8 ---	88.3 -----	100.8 -----	87.6 ----	90.4 ----
Farmezzo	89.9 ---	80.0 ---	101.6 -----	82.4 --	95.5 ----
LG 31.211	95.2 ----	83.3 ----	102.3 -----	98.8 -----	96.5 -----
Belami	94.6 ----	90.0 -----	102.1 -----	83.7 ---	102.5 -----
Spyci CS	93.4 ----	91.7 -----	104.1 -----	84.0 ---	93.8 ----
KWS Nestor	99.3 -----	98.3 -----	101.3 -----	91.6 ----	106.0 -----
LZM164/85	94.8 ----	91.7 -----	97.3 --	96.7 -----	93.6 ----
Babexx	100.2 -----	86.7 ----	106.2 -----	100.8 -----	106.9 -----
Tell KWS	90.5 ---	93.3 -----	89.3 -	91.9 -----	87.4 ---
Amaverde	88.3 --	85.0 ----	102.5 -----	82.9 --	82.7 --
KXB4001	97.3 -----	90.0 -----	110.4 -----	92.8 ----	95.9 ----
KXB4124	98.8 -----	88.3 -----	108.4 -----	95.5 -----	102.9 -----
KXB4302	94.1 ----	80.0 ---	105.4 -----	94.6 -----	96.3 ----
KXB4127	96.5 ----	91.7 -----	102.1 -----	88.5 ----	103.6 -----
P7923	100.3 -----	88.3 ----	118.1 -----	94.9 -----	99.8 ----
SY Nordicstar	84.2 -	78.3 --	96.2 ---	86.4 ---	75.9 -
Skarb	99.8 -----	100.0 -----	114.0 -----	84.5 --	100.6 -----
Zuma	104.1 -----	91.7 -----	109.6 -----	107.2 -----	108.1 -----
GL14205	91.0 ---	81.7 ----	105.9 -----	85.7 ---	90.7 ----
EP2932	91.1 ---	76.7 --	101.3 -----	90.3 ----	96.2 ----
MAS 12.H	101.3 -----	93.3 -----	112.9 -----	95.2 -----	104.0 -----
DSP46132	88.1 --	81.7 ----	91.9 -	82.5 --	96.5 ----
Fabregas	94.4 ----	83.3 ----	98.0 ----	101.9 -----	94.4 ----
Cathy	94.4 ----	93.3 -----	107.1 -----	87.0 ---	90.2 ----
P7524	99.0 -----	91.7 -----	108.6 -----	86.9 ---	108.7 -----
P7631	89.6 ---	83.3 ----	97.7 ----	89.7 ----	87.7 ---
Lidano	100.7 -----	98.3 -----	109.4 -----	99.1 -----	96.1 ----
SY Amboss	110.7 -----	95.0 -----	116.6 -----	113.5 -----	117.7 -----
Coditank	91.6 ---	86.7 ----	102.9 -----	83.7 ---	93.2 ----
Bezugsgrößen	87.3 --	80.0 ---	97.0 ---	86.5 ---	85.5 ---
Versuchs-Mittel	94.6 ----	88.1 -----	103.8 -----	90.8 ----	95.7 ----
VK [%]	8.1	7.9	6.8	9.6	8.4
KGD (5%)	6.2	11.3	11.5	14.3	13.1
KGD (1%)	8.1	15.0	15.3	19.1	17.5
Versuchs-Streuung	7.7	6.9	7.0	8.7	8.0
FG Fehlerterm	235.0	70.0	55.0	55.0	55.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	12716.1	35	6.18 ***	1.47	0.0000
Anbauorte	15340.0	3	87.01 ***	2.64	0.0000
WW Verf.*Anb.Orte	9610.1	105	1.56 ns	1.30	
Fehler	13809.5	235			
Insgesamt	51475.7	378			

Green snapping [note]

Verfahren	Seriemittel	1567 Delley FR
Ampezzo	1.7 --	1.7 --
LG 30.222	1.0 -	1.0 -
P 8057	1.7 --	1.7 --
Schobbi CS	1.1 -	1.1 -
DKC 3333	1.1 -	1.1 -
SY Tivio	1.0 -	1.0 -
Kompetens	0.9 -	0.9 -
SY Tribore	1.0 -	1.0 -
Farmezzo	1.1 -	1.1 -
LG 31.211	1.0 -	1.0 -
Belami	1.0 -	1.0 -
Spyci CS	1.0 -	1.0 -
KWS Nestor	3.1 ----	3.1 ----
LZM164/85	3.0 ----	3.0 ----
Babexx	1.1 -	1.1 -
Tell KWS	1.2 -	1.2 -
Amaverde	2.4 ---	2.4 ---
KXB4001	1.6 --	1.6 --
KXB4124	0.9 -	0.9 -
KXB4302	1.0 -	1.0 -
KXB4127	1.1 -	1.1 -
P7923	6.6 -----	6.6 -----
SY Nordicstar	0.8 -	0.8 -
Skarb	1.1 -	1.1 -
Zuma	1.0 -	1.0 -
GL14205	0.9 -	0.9 -
EP2932	1.5 --	1.5 --
MAS 12.H	0.9 -	0.9 -
DSP46132	1.0 -	1.0 -
Fabregas	1.0 -	1.0 -
Cathy	1.0 -	1.0 -
P7524	1.6 --	1.6 --
P7631	1.3 -	1.3 -
Lidano	1.1 -	1.1 -
SY Amboss	1.0 -	1.0 -
Coditank	0.9 -	0.9 -
Bezugsgrössen	1.0 -	1.0 -
Versuchs-Mittel	1.4 --	1.4 --
VK [%]	51.1	51.1
KGD (5%)	1.2	1.2
KGD (1%)	1.6	1.6
Versuchs-Streuung	0.7	0.7
FG Fehlerterm	55.0	55.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	756.4	782.8	752.3	773.4	748.3
LG 30.222	747.0	783.1	752.0	763.8	721.7
P 8057	757.8	821.7	784.3	737.8	724.0
Schobbi CS	747.3	809.7	751.0	737.5	712.0
DKC 3333	761.7	785.5	792.7	752.1	729.7
SY Tivio	744.1	800.7	752.3	741.0	689.3
Kompetens	756.2	789.6	764.0	762.7	723.3
SY Tribore	735.4	788.9	718.7	730.2	716.0
Farmezzo	752.1	803.9	761.0	722.9	717.0
LG 31.211	744.9	777.6	776.7	725.8	730.0
Belami	750.0	810.7	791.3	737.6	725.7
Spyci CS	755.4	806.8	760.0	766.5	724.0
KWS Nestor	749.5	779.2	767.7	714.2	730.7
LZM164/85	756.2	792.3	770.3	749.8	732.3
Babexx	748.8	801.6	758.0	752.2	718.3
Tell KWS	741.9	815.4	747.7	709.9	715.7
Amaverde	756.6	802.7	759.0	762.4	718.3
KXB4001	741.1	795.3	775.7	748.1	683.0
KXB4124	752.6	785.6	764.0	732.6	726.3
KXB4302	761.9	816.8	781.3	763.5	706.7
KXB4127	744.4	785.0	736.7	736.1	726.0
P7923	735.8	785.1	752.0	716.3	712.0
SY Nordicstar	742.0	770.7	750.7	744.4	729.3
Skarb	729.5	762.7	743.7	708.6	712.0
Zuma	732.6	772.9	728.7	722.4	704.7
GL14205	756.6	797.8	762.3	759.6	721.0
EP2932	753.5	779.4	791.3	775.8	710.3
MAS 12.H	753.0	805.2	764.7	757.1	715.7
DSP46132	725.9	778.0	732.7	725.8	709.0
Fabregas	732.5	789.8	735.7	743.3	701.0
Cathy	739.4	778.8	752.0	758.6	725.7
P7524	742.2	757.8	741.7	749.9	731.7
P7631	773.6	796.6	801.0	777.6	733.0
Lidano	743.8	783.8	748.0	777.5	702.7
SY Amboss	744.3	780.4	747.3	768.6	701.7
Coditank	749.7	757.2	779.3	774.6	711.3
Bezugsgrößen	759.0	787.5	778.3	757.4	726.5
Versuchs-Mittel	747.7	789.8	759.7	746.7	717.8
VK [%]	2.6	3.1	3.0	3.2	1.6
KGD (5%)	12.8	ns	37.0	38.6	18.9
KGD (1%)	16.9	ns	49.1	51.4	25.1
Versuchs-Streuung	19.5	24.6	22.7	23.6	11.6
FG Fehlerterm	359.0	55.0	70.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	63890.2	35	4.79 ***	1.46	0.0000
Anbauorte	385890.6	5	202.51 ***	2.24	0.0000
WW Verf.*Anb.Orte	113818.7	175	1.71 ***	1.23	0.0009
Fehler	136820.7	359			
Insgesamt	700420.1	574			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ampezzo	717.4	-----	763.9	-----
LG 30.222	725.9	-----	735.6	--
P 8057	720.6	-----	758.7	-----
Schobbi CS	730.5	-----	743.1	----
DKC 3333	756.3	-----	754.2	-----
SY Tivio	726.0	-----	755.0	-----
Kompetens	730.1	-----	767.6	-----
SY Tribore	705.2	---	753.7	-----
Farmezzo	745.1	-----	762.6	-----
LG 31.211	713.0	----	746.4	----
Belami	705.4	---	729.4	--
Spyci CS	725.4	-----	749.9	-----
KWS Nestor	751.6	-----	753.8	-----
LZM164/85	723.3	-----	769.2	-----
Babexx	726.3	-----	736.4	---
Tell KWS	705.9	---	756.9	-----
Amaverde	738.7	-----	758.3	-----
KXB4001	715.3	-----	729.4	--
KXB4124	747.5	-----	759.6	-----
KXB4302	742.2	-----	760.7	-----
KXB4127	728.4	-----	754.3	-----
P7923	708.4	----	741.0	---
SY Nordicstar	707.8	----	749.0	-----
Skarb	701.8	---	748.1	----
Zuma	710.3	----	756.9	-----
GL14205	735.0	-----	763.7	-----
EP2932	709.0	----	755.2	-----
MAS 12.H	727.2	-----	747.9	----
DSP46132	687.1	-	723.1	-
Fabregas	692.6	--	732.9	--
Cathy	686.3	-	735.0	--
P7524	706.5	---	765.5	-----
P7631	744.1	-----	789.4	-----
Lidano	705.2	---	745.9	----
SY Amboss	711.1	----	756.5	-----
Coditank	721.1	-----	754.7	-----
Bezugsgrössen	743.2	-----	760.9	-----
Versuchs-Mittel	720.4	-----	751.8	-----
VK [%]	2.6		1.7	
KGD (5%)	30.6		20.3	
KGD (1%)	40.7		27.1	
Versuchs-Streuung	18.7		12.4	
FG Fehlerterm	54.0		55.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	371.4	363.0	392.2	425.1	343.4
LG 30.222	378.4	393.9	403.7	400.4	349.1
P 8057	395.0	413.8	450.6	408.7	365.9
Schobbi CS	385.4	413.7	420.1	391.5	350.5
DKC 3333	390.5	383.4	443.8	401.6	369.6
SY Tivio	375.9	394.0	401.1	406.5	333.7
Kompetens	384.7	395.1	410.9	405.3	360.9
SY Tribore	364.5	383.0	364.0	394.1	351.1
Farmezzo	370.6	399.7	407.6	324.4	355.9
LG 31.211	371.1	378.0	424.7	347.0	363.0
Belami	385.1	402.8	441.9	383.2	364.2
Spyci CS	379.7	402.5	400.5	409.4	362.9
KWS Nestor	385.8	375.4	439.0	352.2	382.5
LZM164/85	387.0	387.4	425.0	384.2	375.9
Babexx	388.8	393.4	431.3	406.0	377.5
Tell KWS	370.9	404.2	413.0	339.2	360.0
Amaverde	387.4	397.6	400.5	412.1	366.2
KXB4001	374.2	386.6	416.9	397.5	351.8
KXB4124	379.7	387.3	399.0	364.1	379.7
KXB4302	397.1	407.8	437.0	423.1	364.5
KXB4127	369.0	382.1	379.1	363.8	375.0
P7923	351.7	366.3	397.6	335.8	345.2
SY Nordicstar	372.3	359.6	410.2	392.7	362.2
Skarb	358.4	353.0	402.9	347.1	372.4
Zuma	358.4	364.7	369.8	366.9	364.4
GL14205	385.5	396.4	412.0	402.9	374.0
EP2932	381.0	372.6	432.7	417.5	351.4
MAS 12.H	381.0	399.2	422.6	399.8	358.3
DSP46132	346.0	384.3	375.4	360.4	329.1
Fabregas	369.6	390.6	392.1	381.3	357.8
Cathy	363.2	381.6	414.9	386.2	353.9
P7524	354.1	346.8	377.7	364.5	344.2
P7631	405.0	393.6	472.1	413.8	375.6
Lidano	370.4	386.1	400.1	404.1	349.5
SY Amboss	382.3	399.6	409.4	410.2	370.1
Coditank	380.1	357.3	437.0	406.2	365.8
Bezugsgrößen	387.6	389.2	427.4	403.5	365.2
Versuchs-Mittel	376.4	386.0	411.9	386.9	360.5
VK [%]	6.2	6.9	6.9	7.2	4.0
KGD (5%)	15.3	ns	46.2	45.7	23.6
KGD (1%)	20.1	ns	61.4	60.9	31.5
Versuchs-Streuung	23.3	26.7	28.4	28.0	14.4
FG Fehlerterm	359.0	55.0	70.0	55.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	107280.9	35	5.63 ***	1.46	0.0000
Anbauorte	377747.0	5	138.67 ***	2.24	0.0000
WW Verf.*Anb.Orte	144562.2	175	1.52 ns	1.23	
Fehler	195586.7	359			
Insgesamt	825176.8	574			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ampezzo	328.2	-----	376.7	-----
LG 30.222	356.6	-----	366.7	-----
P 8057	335.7	-----	395.4	-----
Schobbi CS	350.1	-----	386.6	-----
DKC 3333	368.2	-----	376.4	-----
SY Tivio	329.5	-----	390.3	-----
Kompetens	340.2	-----	395.8	-----
SY Tribore	311.6	----	383.1	-----
Farmezzo	352.1	-----	384.1	-----
LG 31.211	333.3	-----	380.9	-----
Belami	340.8	-----	377.7	-----
Spyci CS	331.7	-----	371.4	-----
KWS Nestor	368.7	-----	397.1	-----
LZM164/85	344.7	-----	405.0	-----
Babexx	350.0	-----	374.6	-----
Tell KWS	313.9	----	395.1	-----
Amaverde	360.7	-----	387.6	-----
KXB4001	328.8	-----	363.4	----
KXB4124	359.8	-----	388.6	-----
KXB4302	360.1	-----	390.2	-----
KXB4127	330.4	-----	383.4	-----
P7923	299.7	---	365.4	-----
SY Nordicstar	325.0	-----	384.2	-----
Skarb	300.7	---	374.5	-----
Zuma	303.4	---	381.3	-----
GL14205	336.8	-----	391.0	-----
EP2932	335.1	-----	376.6	-----
MAS 12.H	334.1	-----	372.1	-----
DSP46132	282.6	-	344.4	--
Fabregas	333.8	-----	362.2	----
Cathy	306.0	---	336.7	-
P7524	323.6	-----	367.9	-----
P7631	365.8	-----	408.9	-----
Lidano	317.2	-----	365.7	-----
SY Amboss	328.6	-----	376.3	-----
Coditank	346.5	-----	367.6	-----
Bezugsgrössen	354.2	-----	386.1	-----
Versuchs-Mittel	334.3	-----	379.0	-----
VK [%]	6.9		3.4	
KGD (5%)	37.5		20.8	
KGD (1%)	49.8		27.7	
Versuchs-Streuung	23.0		12.7	
FG Fehlerterm	69.0		55.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	144.9	155.5	139.6	124.5	146.2
LG 30.222	144.7	148.9	126.5	136.3	149.8
P 8057	141.5	134.5	114.4	135.1	149.1
Schobbi CS	147.0	139.1	121.3	149.7	157.1
DKC 3333	140.7	149.3	115.0	140.9	145.1
SY Tivio	149.3	147.1	124.0	148.1	163.7
Kompetens	142.9	147.9	125.2	138.9	146.3
SY Tribore	152.6	152.1	150.9	139.0	148.4
Farmezzo	142.7	141.3	123.1	156.8	141.0
LG 31.211	150.2	155.1	113.2	159.9	146.7
Belami	145.7	143.7	110.7	156.9	142.1
Spyci CS	146.2	142.9	124.4	142.2	145.9
KWS Nestor	146.4	152.4	119.0	163.1	142.8
LZM164/85	144.1	152.0	117.3	139.3	144.6
Babexx	144.2	142.2	118.1	146.8	149.9
Tell KWS	145.0	135.9	122.7	155.8	146.1
Amaverde	141.6	141.9	129.1	137.9	143.8
KXB4001	150.3	149.8	116.4	149.8	158.4
KXB4124	142.0	149.0	124.0	149.9	135.6
KXB4302	139.6	138.8	116.6	136.1	151.6
KXB4127	146.7	149.6	131.7	150.9	141.3
P7923	153.3	156.6	123.0	163.2	144.5
SY Nordicstar	149.4	148.1	128.1	149.3	147.3
Skarb	151.2	151.5	127.2	163.9	140.6
Zuma	149.3	154.1	136.8	148.5	148.1
GL14205	141.2	142.5	123.3	137.7	145.6
EP2932	142.9	141.2	113.9	134.0	149.8
MAS 12.H	145.1	143.3	122.7	138.3	151.8
DSP46132	153.7	152.4	114.4	154.4	156.5
Fabregas	154.3	147.5	132.9	159.5	155.7
Cathy	152.5	157.4	122.0	144.2	147.6
P7524	150.7	160.9	131.3	148.5	145.1
P7631	132.8	145.7	94.6	134.1	139.8
Lidano	147.6	149.4	129.4	133.4	147.8
SY Amboss	150.0	150.9	137.0	141.5	145.4
Coditank	145.2	157.8	114.3	140.9	145.8
Bezugsgrößen	141.8	148.6	120.1	139.9	145.7
Versuchs-Mittel	146.3	148.0	123.2	145.8	147.4
VK [%]	6.8	6.5	9.7	8.5	4.2
KGD (5%)	6.5	ns	19.5	20.2	10.2
KGD (1%)	8.5	ns	25.9	ns	13.6
Versuchs-Streuung	9.9	9.6	12.0	12.3	6.2
FG Fehlerterm	359.0	55.0	70.0	55.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	13814.5	35	4.04 ***	1.46	0.0000
Anbauorte	129626.5	5	265.60 ***	2.24	0.0000
WW Verf.*Anb.Orte	29672.1	175	1.74 ***	1.23	0.0008
Fehler	35042.4	359			
Insgesamt	208155.5	574			

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

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG
Ampezzo	170.0 ----	133.7 ---
LG 30.222	164.7 ---	142.1 -----
P 8057	180.4 -----	135.3 ----
Schobbi CS	173.9 ----	140.9 ----
DKC 3333	155.8 -	138.2 -----
SY Tivio	175.4 -----	137.8 ----
Kompetens	170.2 ----	128.9 --
SY Tribore	186.5 -----	138.5 ----
Farmezzo	158.0 -	136.2 ----
LG 31.211	186.3 -----	140.1 ----
Belami	171.6 ----	149.2 -----
Spyci CS	176.2 -----	145.8 -----
KWS Nestor	160.8 --	140.6 ----
LZM164/85	178.6 -----	133.2 ---
Babexx	164.7 ---	143.6 ----
Tell KWS	175.6 -----	133.9 ---
Amaverde	158.0 -	138.8 ----
KXB4001	175.1 -----	152.1 -----
KXB4124	158.4 -	135.0 ----
KXB4302	158.0 -	136.6 ----
KXB4127	166.2 ----	140.5 ----
P7923	180.6 -----	151.7 -----
SY Nordicstar	177.8 -----	146.0 -----
Skarb	180.5 -----	143.4 ----
Zuma	168.2 ----	140.3 ----
GL14205	158.4 -	139.4 ----
EP2932	172.8 ----	145.5 -----
MAS 12.H	166.4 ----	148.1 -----
DSP46132	186.0 -----	158.3 -----
Fabregas	174.9 ----	155.0 -----
Cathy	187.5 -----	156.3 -----
P7524	177.1 ----	141.5 ----
P7631	157.0 -	125.2 -
Lidano	179.6 -----	146.2 -----
SY Amboss	182.0 -----	143.4 ----
Coditank	165.4 ----	146.8 -----
Bezugsgrössen	163.0 ---	133.6 ---
Versuchs-Mittel	171.6 -----	141.9 -----
VK [%]	6.7	4.0
KGD (5%)	18.9	9.2
KGD (1%)	25.2	12.2
Versuchs-Streuung	11.6	5.6
FG Fehlerterm	54.0	70.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	331.0	336.9	318.2	321.3	309.0
LG 30.222	341.9	322.4	325.0	347.4	339.4
P 8057	324.9	288.8	292.9	348.7	330.0
Schobbi CS	333.6	310.8	312.4	339.7	336.4
DKC 3333	320.8	319.2	290.3	326.8	315.6
SY Tivio	333.6	305.6	293.8	357.7	359.8
Kompetens	324.1	324.7	315.3	326.7	322.2
SY Tribore	350.6	324.9	351.8	371.8	336.7
Farmezzo	334.0	319.3	310.4	368.9	338.1
LG 31.211	344.6	329.7	305.0	373.4	332.6
Belami	332.9	313.7	285.6	342.5	330.6
Spyci CS	331.0	319.7	318.4	332.0	332.6
KWS Nestor	329.9	343.2	306.4	348.9	324.6
LZM164/85	326.5	320.4	306.0	329.7	328.2
Babexx	331.3	307.8	315.3	348.0	330.8
Tell KWS	331.2	288.0	326.6	342.2	328.3
Amaverde	332.0	317.3	312.2	335.5	335.9
KXB4001	345.1	311.3	325.5	354.2	359.6
KXB4124	326.2	313.3	310.2	343.1	323.5
KXB4302	321.7	307.3	295.9	323.7	335.6
KXB4127	337.4	319.7	339.6	352.8	322.3
P7923	345.1	326.3	312.3	372.9	342.2
SY Nordicstar	335.4	315.6	317.2	347.0	325.7
Skarb	334.7	319.6	295.0	374.9	314.8
Zuma	328.8	329.3	314.8	336.7	325.3
GL14205	313.2	306.1	279.2	328.8	318.9
EP2932	332.1	308.2	309.9	340.9	335.4
MAS 12.H	325.1	302.0	305.6	334.8	328.5
DSP46132	349.7	337.8	292.7	373.0	334.2
Fabregas	350.0	323.6	341.1	369.3	339.9
Cathy	346.0	337.9	306.2	354.4	337.5
P7524	353.4	347.6	342.9	384.5	341.6
P7631	306.7	322.1	255.2	331.0	304.6
Lidano	340.6	310.9	323.2	344.6	354.2
SY Amboss	347.5	321.9	330.2	359.6	355.8
Coditank	335.4	333.2	297.5	346.4	335.1
Bezugsgrößen	322.4	322.0	302.8	326.7	318.9
Versuchs-Mittel	334.1	319.1	310.5	348.2	332.4
VK [%]	4.9	6.2	5.9	5.1	3.5
KGD (5%)	10.7	ns	29.7	28.8	19.1
KGD (1%)	14.1	ns	39.4	38.3	25.4
Versuchs-Streuung	16.4	19.8	18.2	17.6	11.7
FG Fehlerterm	374.0	55.0	70.0	55.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	70729.2	35	7.52 ***	1.46	0.0000
Anbauorte	170393.2	5	126.88 ***	2.24	0.0000
WW Verf.*Anb.Orte	85325.0	175	1.82 ***	1.23	0.0006
Fehler	100448.8	374			
Insgesamt	426896.2	589			

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

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG
Ampezzo	374.8 -----	325.8 ----
LG 30.222	355.7 ----	361.5 -----
P 8057	359.7 ----	329.3 ----
Schobbi CS	354.9 ----	347.3 -----
DKC 3333	336.1 --	336.8 -----
SY Tivio	347.9 ----	336.9 -----
Kompetens	340.4 ---	315.0 ---
SY Tribore	384.3 -----	334.3 -----
Farmezzo	343.1 ---	324.2 ----
LG 31.211	385.4 -----	341.4 -----
Belami	362.3 -----	362.5 -----
Spyci CS	339.4 --	344.0 -----
KWS Nestor	327.2 -	329.4 ----
LZM164/85	352.6 ----	322.0 ----
Babexx	351.6 ----	334.1 -----
Tell KWS	376.1 -----	325.9 ----
Amaverde	353.6 ----	337.5 -----
KXB4001	363.2 -----	356.7 -----
KXB4124	342.7 ---	324.3 ----
KXB4302	337.5 --	330.2 ----
KXB4127	352.9 ----	337.2 -----
P7923	370.0 -----	347.1 -----
SY Nordicstar	367.4 -----	339.3 -----
Skarb	372.3 -----	331.9 ----
Zuma	352.4 ----	314.5 ---
GL14205	339.7 --	306.5 --
EP2932	367.4 -----	330.9 ----
MAS 12.H	355.3 ----	324.2 ----
DSP46132	395.6 -----	364.7 -----
Fabregas	373.4 -----	353.0 -----
Cathy	383.7 -----	356.4 -----
P7524	363.1 -----	340.6 -----
P7631	327.5 -	300.0 -
Lidano	368.6 -----	341.9 -----
SY Amboss	365.1 -----	352.7 -----
Coditank	360.7 -----	339.7 -----
Bezugsgrößen	338.3 --	325.9 ----
Versuchs-Mittel	358.4 ----	336.1 -----
VK [%]	5.0	3.4
KGD (5%)	29.0	18.5
KGD (1%)	38.6	24.6
Versuchs-Streuung	17.8	11.4
FG Fehlerterm	69.0	70.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	63.7 -	73.0 -----	69.3 ----	63.2 --	62.1 -
LG 30.222	66.3 -----	72.2 -----	69.5 ----	66.8 -----	64.9 ----
P 8057	65.8 ----	73.0 -----	71.0 ----	63.9 --	61.9 -
Schobbi CS	65.1 ---	70.0 ----	69.1 ----	65.5 ----	63.2 --
DKC 3333	65.3 ---	72.6 -----	73.0 -----	63.7 --	61.4 -
SY Tivio	68.2 -----	70.9 -----	78.3 -----	65.1 ---	65.1 ----
Kompetens	67.3 -----	71.9 -----	69.1 ----	67.9 -----	68.4 -----
SY Tribore	64.3 --	66.2 -	71.1 -----	62.2 -	61.6 -
Farmezzo	68.4 -----	68.7 ----	76.0 -----	68.7 -----	65.3 -----
LG 31.211	64.3 --	68.6 ----	67.5 ---	67.4 -----	64.7 ----
Belami	68.3 -----	70.4 -----	79.4 -----	69.2 -----	67.1 -----
Spyci CS	69.3 -----	73.5 -----	76.8 -----	68.6 -----	66.2 -----
KWS Nestor	71.2 -----	74.3 -----	74.3 -----	70.8 -----	70.1 -----
LZM164/85	68.3 -----	68.8 ----	74.7 -----	73.2 -----	63.8 ---
Babexx	66.3 ----	71.4 -----	70.2 ----	63.5 --	64.7 ----
Tell KWS	67.6 -----	67.7 --	69.3 ----	73.0 -----	68.5 -----
Amaverde	65.5 ----	69.9 -----	73.0 -----	64.2 --	66.2 -----
KXB4001	64.5 --	74.2 -----	64.8 -	64.7 ---	61.4 -
KXB4124	65.0 ---	67.1 --	65.7 --	67.2 -----	63.1 --
KXB4302	67.6 -----	70.0 ----	74.4 -----	68.2 -----	66.7 -----
KXB4127	63.0 -	71.2 -----	63.8 -	63.2 -	62.8 --
P7923	65.9 ----	69.6 -----	72.0 -----	66.4 ----	61.7 -
SY Nordicstar	70.6 -----	69.1 ----	78.1 -----	70.3 -----	71.2 -----
Skarb	68.4 -----	67.5 --	76.0 -----	67.4 -----	68.2 -----
Zuma	71.1 -----	68.6 ---	78.3 -----	71.3 -----	68.4 -----
GL14205	68.9 -----	69.0 ----	76.4 -----	70.3 -----	64.9 ----
EP2932	64.9 ---	70.4 -----	68.4 ----	66.5 -----	62.2 -
MAS 12.H	68.6 -----	73.2 -----	69.5 ----	67.5 -----	67.4 -----
DSP46132	68.0 -----	67.1 --	74.5 -----	71.5 -----	68.3 -----
Fabregas	65.8 ----	69.8 -----	67.7 ---	68.7 -----	65.8 -----
Cathy	65.7 ----	68.7 ----	70.9 -----	67.8 -----	66.7 -----
P7524	63.5 -	68.8 ----	65.9 --	64.7 ---	61.5 -
P7631	69.1 -----	69.6 -----	76.3 -----	69.7 -----	66.5 -----
Lidano	66.0 ----	71.4 -----	72.5 -----	68.2 -----	64.7 ----
SY Amboss	66.1 ----	70.6 -----	71.9 -----	66.7 -----	61.7 -
Coditank	66.3 ----	68.6 ---	71.7 -----	66.1 ----	66.7 -----
Bezugsgrößen	66.3 -----	72.2 -----	71.0 -----	65.8 ----	64.9 ----
Versuchs-Mittel	66.8 -----	70.2 -----	72.0 -----	67.3 -----	65.1 ----
VK [%]	5.3	5.3	7.2	4.3	4.5
KGD (5%)	2.3	ns	8.4	4.7	4.7
KGD (1%)	3.1	ns	ns	6.2	6.3
Versuchs-Streuung	3.6	3.7	5.1	2.9	2.9
FG Fehlerterm	389.0	70.0	70.0	70.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2846.1	35	6.40 ***	1.45	0.0000
Anbauorte	9692.5	5	152.54 ***	2.24	0.0000
WW Verf.*Anb.Orte	3047.1	175	1.37 ns	1.23	
Fehler	4943.4	389			
Insgesamt	20529.1	604			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ampezzo	60.5	-	54.1	-
LG 30.222	66.7	-----	57.6	---
P 8057	65.6	----	59.6	-----
Schobbi CS	66.6	-----	56.2	--
DKC 3333	65.4	----	55.8	--
SY Tivio	69.3	-----	60.5	-----
Kompetens	66.5	-----	60.3	-----
SY Tribore	65.7	----	58.8	----
Farmezzo	70.2	-----	61.3	-----
LG 31.211	61.2	-	56.5	---
Belami	63.1	---	60.5	-----
Spyci CS	68.5	-----	62.2	-----
KWS Nestor	71.7	-----	66.0	-----
LZM164/85	67.0	----	62.5	-----
Babexx	66.8	----	61.3	-----
Tell KWS	65.8	----	61.5	-----
Amaverde	62.5	--	57.3	---
KXB4001	65.6	----	56.0	--
KXB4124	66.5	----	60.5	-----
KXB4302	65.3	----	60.7	-----
KXB4127	63.0	--	54.3	-
P7923	64.4	----	61.4	-----
SY Nordicstar	69.9	-----	64.9	-----
Skarb	69.3	-----	62.0	-----
Zuma	73.9	-----	66.3	-----
GL14205	70.5	-----	62.1	-----
EP2932	63.8	---	58.2	----
MAS 12.H	71.0	-----	62.9	-----
DSP46132	65.6	----	61.0	-----
Fabregas	65.1	----	57.8	----
Cathy	61.7	--	58.3	----
P7524	63.4	---	56.6	---
P7631	69.8	-----	62.8	-----
Lidano	64.4	---	55.2	-
SY Amboss	65.4	----	60.0	-----
Coditank	62.7	--	61.9	-----
Bezugsgrössen	65.9	-----	58.1	----
Versuchs-Mittel	66.2	-----	59.9	-----
VK [%]	5.2		3.6	
KGD (5%)	5.6		3.5	
KGD (1%)	7.5		4.6	
Versuchs-Streuung	3.5		2.1	
FG Fehlerterm	69.0		55.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	450.2 ---	437.5 -----	474.8 --	510.8 -----	533.5 --
LG 30.222	489.1 -----	442.6 -----	574.4 -----	537.3 -----	586.6 ----
P 8057	460.7 ----	409.7 ----	513.0 ----	510.0 -----	577.5 ----
Schobbi CS	457.6 ----	431.0 -----	537.3 -----	461.9 -----	504.1 -
DKC 3333	470.4 -----	426.4 -----	522.1 -----	505.5 -----	533.5 --
SY Tivio	498.6 -----	472.2 -----	556.3 -----	505.7 -----	603.4 -----
Kompetens	473.7 -----	415.3 -----	502.2 ----	515.6 -----	633.1 -----
SY Tribore	498.0 -----	420.4 -----	518.0 ----	509.7 -----	650.5 -----
Farmezzo	510.5 -----	416.7 -----	554.9 -----	580.3 -----	625.6 -----
LG 31.211	499.9 -----	442.1 -----	543.8 -----	557.6 -----	615.1 -----
Belami	432.5 --	363.0 -	517.8 ----	473.0 -----	558.0 ---
Spyci CS	473.4 ----	391.2 ----	529.5 -----	493.0 -----	608.4 -----
KWS Nestor	457.6 ----	368.1 --	524.6 -----	437.4 ----	585.5 ----
LZM164/85	428.3 -	412.0 ----	519.8 ----	407.8 ---	509.0 -
Babexx	469.0 ----	438.0 -----	485.7 --	498.2 -----	558.8 --
Tell KWS	422.3 -	395.4 ----	470.5 --	308.4 -	576.9 ----
Amaverde	467.4 ----	419.0 -----	493.0 ---	483.9 -----	622.5 -----
KXB4001	461.4 ----	438.0 -----	490.5 ---	467.5 -----	607.2 -----
KXB4124	505.7 -----	413.0 ----	587.5 -----	458.8 -----	702.8 -----
KXB4302	521.4 -----	476.9 -----	568.6 -----	551.3 -----	624.2 -----
KXB4127	508.1 -----	438.0 -----	575.1 -----	520.9 -----	661.5 -----
P7923	480.4 -----	423.1 -----	534.8 -----	472.1 -----	611.2 -----
SY Nordicstar	456.1 ----	402.8 ----	497.6 ----	495.2 -----	595.0 ----
Skarb	530.5 -----	473.1 -----	578.6 -----	579.7 -----	668.7 -----
Zuma	510.2 -----	457.4 -----	568.8 -----	528.8 -----	592.1 -----
GL14205	491.9 -----	453.0 -----	524.1 -----	536.5 -----	546.5 ---
EP2932	472.3 ----	451.9 -----	510.2 ----	509.4 -----	558.2 ---
MAS 12.H	495.7 -----	450.9 -----	517.3 ----	534.7 -----	590.4 ----
DSP46132	444.0 ---	355.1 -	456.1 -	507.1 -----	563.8 ----
Fabregas	458.7 ----	441.7 -----	523.4 -----	492.6 -----	546.0 ---
Cathy	476.8 ----	414.8 -----	504.9 ----	531.2 -----	642.6 -----
P7524	468.9 ----	403.2 ----	530.9 -----	479.9 -----	587.5 ----
P7631	452.5 ---	395.8 ----	499.0 ----	479.8 -----	558.2 ---
Lidano	476.9 ----	394.0 ----	507.2 ---	547.8 -----	620.9 -----
SY Amboss	502.0 -----	456.9 -----	523.6 -----	550.0 -----	615.4 -----
Coditank	465.2 ----	401.4 ----	493.2 ---	488.4 -----	613.0 -----
Bezugsgrößen	472.1 -----	420.8 -----	512.2 -----	510.5 -----	583.3 -----
Versuchs-Mittel	476.1 -----	423.4 -----	523.0 -----	500.8 -----	594.1 -----
VK [%]	7.2	8.9	6.4	7.0	6.5
KGD (5%)	20.8	61.6	54.4	57.2	63.1
KGD (1%)	27.4	ns	72.2	76.2	84.1
Versuchs-Streuung	34.3	37.8	33.4	35.0	38.6
FG Fehlerterm	415.0	70.0	70.0	55.0	55.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	500336.9	35	12.17 ***	1.45	0.0000
Anbauorte	3030784.0	6	430.13 ***	2.12	0.0000
WW Verf.*Anb.Orte	455069.7	210	1.85 ***	1.21	0.0006
Fehler	487367.4	415			
Insgesamt	4473558.1	666			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG	
Ampezzo	395.5 ----	392.7 ----	406.6 -	
LG 30.222	400.4 -----	415.0 -----	467.6 -----	
P 8057	406.0 -----	385.0 ----	423.9 --	
Schobbi CS	408.6 -----	412.1 -----	448.0 ----	
DKC 3333	424.6 -----	419.2 -----	461.6 -----	
SY Tivio	443.7 -----	420.4 -----	488.5 -----	
Kompetens	416.3 -----	370.7 ---	462.6 -----	
SY Tribore	456.7 -----	418.1 -----	512.6 -----	
Farmezzo	436.9 -----	452.2 -----	506.7 -----	
LG 31.211	444.2 -----	411.4 -----	484.8 -----	
Belami	354.4 -	353.7 -	407.9 -	
Spyci CS	420.8 -----	392.5 ----	478.7 -----	
KWS Nestor	415.5 -----	376.1 ---	495.7 -----	
LZM164/85	379.3 ---	349.0 -	421.3 --	
Babexx	420.7 -----	402.5 ----	479.3 -----	
Tell KWS	391.3 ----	345.5 -	468.4 -----	
Amaverde	407.3 -----	384.4 ----	462.0 -----	
KXB4001	416.7 -----	390.4 ----	419.7 --	
KXB4124	451.9 -----	413.6 -----	512.6 -----	
KXB4302	456.7 -----	447.9 -----	524.0 -----	
KXB4127	412.9 -----	452.7 -----	495.8 -----	
P7923	400.2 ----	439.0 -----	482.3 -----	
SY Nordicstar	405.7 ----	354.8 -	441.6 ---	
Skarb	460.3 -----	459.6 -----	493.4 -----	
Zuma	450.2 -----	435.4 -----	538.5 -----	
GL14205	429.7 -----	468.2 -----	485.0 -----	
EP2932	422.1 -----	394.9 ----	459.2 -----	
MAS 12.H	450.7 -----	416.1 -----	510.2 -----	
DSP46132	394.2 ----	374.2 ---	457.2 ----	
Fabregas	396.1 ----	388.6 ----	422.6 --	
Cathy	377.2 ---	411.8 -----	454.8 -----	
P7524	410.9 -----	399.5 -----	470.2 -----	
P7631	391.2 ----	418.6 -----	424.7 --	
Lidano	416.2 -----	397.9 -----	454.4 -----	
SY Amboss	437.4 -----	422.6 -----	507.8 -----	
Coditank	404.1 ----	411.3 -----	445.1 ----	
Bezugsgrößen	420.5 -----	395.0 -----	462.1 -----	
Versuchs-Mittel	416.8 -----	405.5 -----	468.8 -----	
VK [%]	4.5	10.4	5.9	
KGD (5%)	30.9	ns	45.2	
KGD (1%)	41.1	ns	60.1	
Versuchs-Streuung	18.9	42.3	27.6	
FG Fehlerterm	55.0	55.0	55.0	
Anz. Beob.	3.0	3.0	3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	178.2 ----	171.3 -----	178.3 ----	182.3 -----	213.3 --
LG 30.222	188.1 -----	171.7 -----	196.7 -----	192.6 -----	223.9 ----
P 8057	185.3 -----	162.7 -----	190.6 -----	185.9 -----	234.3 -----
Schobbi CS	185.5 -----	178.6 -----	191.9 -----	185.6 -----	200.4 -
DKC 3333	188.1 -----	162.5 -----	194.5 -----	193.5 -----	223.7 -----
SY Tivio	190.8 -----	176.5 -----	177.0 ----	197.2 -----	232.6 ----
Kompetens	189.2 -----	164.0 -----	189.0 -----	210.7 -----	242.1 -----
SY Tribore	189.4 -----	158.3 ----	181.2 ----	183.3 -----	244.1 -----
Farmezzo	190.3 -----	164.4 ----	188.7 -----	178.6 -----	240.5 -----
LG 31.211	197.4 -----	176.0 -----	201.5 -----	203.6 -----	242.7 -----
Belami	179.1 ----	150.7 ---	195.6 -----	188.8 -----	223.1 ----
Spyci CS	188.0 -----	156.9 ----	180.1 ----	185.8 -----	232.8 -----
KWS Nestor	176.0 ---	141.5 -	193.0 -----	148.3 ---	220.5 ---
LZM164/85	173.7 --	165.9 -----	192.2 -----	154.8 ----	209.0 --
Babexx	182.9 ----	162.1 ----	177.8 ----	182.2 -----	222.4 ---
Tell KWS	168.1 -	155.7 ----	168.9 --	108.6 -	234.9 ----
Amaverde	184.0 -----	162.8 ----	177.6 ----	190.8 -----	232.3 ----
KXB4001	189.3 -----	172.4 -----	184.6 ----	182.6 -----	245.5 -----
KXB4124	194.8 -----	156.8 ----	200.5 -----	145.5 ---	278.1 -----
KXB4302	199.7 -----	181.3 -----	195.6 -----	200.0 -----	238.3 ----
KXB4127	194.0 -----	169.0 -----	187.7 -----	187.7 -----	250.0 -----
P7923	186.8 -----	153.7 ----	186.5 -----	163.6 -----	238.8 -----
SY Nordicstar	184.0 -----	162.8 ----	183.2 -----	202.7 -----	231.1 ----
Skarb	184.7 -----	165.5 -----	188.6 -----	178.9 -----	237.0 ----
Zuma	179.0 ---	151.6 --	171.2 --	175.9 -----	222.1 ----
GL14205	180.0 ----	157.6 ----	172.8 ---	184.5 -----	216.6 ---
EP2932	192.9 -----	179.9 -----	201.2 -----	199.6 -----	233.2 ----
MAS 12.H	186.7 -----	164.9 -----	174.8 ----	190.7 -----	226.6 ----
DSP46132	178.7 ----	141.3 -	163.9 -	192.2 -----	227.8 ----
Fabregas	181.7 ----	174.0 -----	193.9 -----	193.9 -----	210.5 --
Cathy	185.6 -----	162.5 -----	187.8 -----	188.9 -----	246.4 -----
P7524	183.5 -----	146.6 --	183.9 -----	174.3 -----	243.3 -----
P7631	180.8 -----	159.7 ----	182.0 ----	195.5 -----	219.8 ---
Lidano	186.6 -----	155.4 ----	185.6 -----	202.3 -----	238.4 ----
SY Amboss	198.1 -----	180.8 -----	183.7 -----	202.7 -----	250.5 -----
Coditank	187.7 -----	156.1 ----	193.4 -----	194.7 -----	234.9 ----
Bezugsgrößen	188.7 -----	163.3 -----	191.7 -----	202.1 -----	232.9 -----
Versuchs-Mittel	185.8 -----	163.1 -----	186.0 -----	184.1 -----	232.3 ----
VK [%]	7.8	9.6	8.9	8.5	5.8
KGD (5%)	8.8	ns	ns	25.7	22.0
KGD (1%)	11.5	ns	ns	34.2	29.3
Versuchs-Streuung	14.4	15.7	16.6	15.7	13.5
FG Fehlerterm	400.0	55.0	70.0	55.0	55.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	34321.9	35	4.70 ***	1.45	0.0000
Anbauorte	373703.3	6	298.55 ***	2.12	0.0000
WW Verf.*Anb.Orte	83525.8	210	1.91 ***	1.22	0.0005
Fehler	83447.2	400			
Insgesamt	574998.2	651			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Ampezzo	152.8 --	175.8 -----	173.6 -
LG 30.222	151.0 -	181.0 -----	200.0 -----
P 8057	165.0 ----	172.1 -----	186.6 ---
Schobbi CS	162.0 ----	181.0 -----	199.1 -----
DKC 3333	179.3 -----	172.7 -----	190.6 ----
SY Tivio	173.8 -----	177.1 -----	201.5 -----
Kompetens	161.4 ----	165.3 ----	191.8 ----
SY Tribore	171.4 -----	177.8 -----	209.3 -----
Farmezzo	170.9 -----	180.8 -----	208.0 -----
LG 31.211	176.0 -----	177.8 -----	204.6 -----
Belami	153.6 --	158.2 ---	183.8 ---
Spyci CS	177.9 -----	171.7 -----	210.6 -----
KWS Nestor	164.5 ----	151.7 -	212.2 -----
LZM164/85	152.0 --	152.9 -	189.3 ----
Babexx	162.6 ----	165.4 ----	207.5 -----
Tell KWS	154.1 --	151.0 -	203.2 -----
Amaverde	162.9 ----	163.6 ----	198.1 -----
KXB4001	186.6 -----	164.9 ----	188.8 ----
KXB4124	186.6 -----	177.9 -----	217.9 -----
KXB4302	176.4 -----	184.4 -----	222.0 -----
KXB4127	165.4 ----	187.0 -----	211.1 -----
P7923	165.2 ----	185.8 -----	214.4 -----
SY Nordicstar	161.0 ----	156.7 --	190.5 ----
Skarb	157.6 ---	174.7 -----	190.8 ----
Zuma	162.2 ----	165.0 ----	205.3 -----
GL14205	162.5 ----	177.5 -----	188.4 ----
EP2932	169.2 -----	172.1 -----	195.5 -----
MAS 12.H	181.7 -----	163.4 ----	205.0 -----
DSP46132	165.3 ----	161.9 ----	198.7 -----
Fabregas	156.9 ---	164.8 ----	178.2 --
Cathy	148.5 -	172.7 -----	192.5 -----
P7524	160.9 ----	172.5 -----	203.1 -----
P7631	152.9 --	173.1 -----	182.7 --
Lidano	165.3 ----	171.5 -----	187.6 ----
SY Amboss	177.5 -----	173.5 -----	218.2 -----
Coditank	177.3 -----	172.5 -----	185.3 ---
Bezugsgrössen	170.3 -----	169.0 -----	191.2 ----
Versuchs-Mittel	165.8 ----	170.8 -----	198.5 -----
VK [%]	4.4	10.0	6.2
KGD (5%)	11.8	ns	20.2
KGD (1%)	15.8	ns	26.9
Versuchs-Streuung	7.2	17.0	12.3
FG Fehlerterm	55.0	55.0	55.0
Anz. Beob.	3.0	3.0	3.0

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	39.9	38.9	37.5	35.6	40.2
LG 30.222	38.7	38.6	34.0	35.6	38.2
P 8057	40.6	39.8	37.2	36.6	40.8
Schobbi CS	40.6	41.3	35.7	40.0	39.5
DKC 3333	39.9	37.9	37.2	38.3	41.6
SY Tivio	38.5	37.5	31.8	39.1	38.5
Kompetens	40.2	39.7	37.6	40.6	38.4
SY Tribore	38.2	37.6	34.9	36.0	37.5
Farmezzo	37.5	39.3	34.0	30.9	38.2
LG 31.211	39.8	39.9	37.1	36.6	39.6
Belami	41.9	41.6	37.8	39.9	40.4
Spyci CS	39.9	39.9	34.0	37.6	38.4
KWS Nestor	38.5	38.3	36.8	33.5	37.8
LZM164/85	40.8	40.1	37.1	38.3	41.0
Babexx	39.0	37.0	36.6	36.8	39.7
Tell KWS	39.7	39.5	35.8	34.6	40.5
Amaverde	39.7	38.9	36.0	39.3	37.4
KXB4001	41.2	39.5	37.6	39.1	40.7
KXB4124	38.7	38.1	34.2	32.2	39.7
KXB4302	38.4	37.9	34.4	36.1	38.3
KXB4127	38.5	38.7	32.8	36.3	37.8
P7923	39.1	36.0	34.9	34.5	39.4
SY Nordicstar	40.5	40.5	36.9	40.8	39.2
Skarb	35.0	35.0	32.5	31.0	35.4
Zuma	35.1	33.0	30.1	33.0	37.3
GL14205	36.6	34.7	32.9	34.3	39.7
EP2932	41.0	39.6	39.5	39.2	41.6
MAS 12.H	37.7	36.8	33.8	35.8	38.2
DSP46132	40.3	40.1	35.9	37.6	40.3
Fabregas	39.9	39.6	37.1	39.3	38.8
Cathy	39.3	39.1	37.3	35.6	38.6
P7524	39.3	36.6	34.7	36.6	41.2
P7631	40.1	40.7	36.6	40.4	39.4
Lidano	39.3	39.4	36.6	36.7	38.2
SY Amboss	39.6	39.5	35.0	37.2	40.4
Coditank	40.6	39.2	39.2	39.9	38.3
Bezugsgrößen	40.1	38.8	37.4	39.5	40.0
Versuchs-Mittel	39.3	38.6	35.6	36.8	39.2
VK [%]	4.1	3.9	6.1	6.0	2.5
KGD (5%)	1.0	2.5	3.5	3.6	1.6
KGD (1%)	1.3	3.3	4.7	4.8	2.2
Versuchs-Streuung	1.6	1.5	2.2	2.2	1.0
FG Fehlerterm	400.0	55.0	70.0	55.0	55.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1691.5	35	18.81 ***	1.45	0.0000
Anbauorte	4273.0	6	277.16 ***	2.12	0.0000
WW Verf.*Anb.Orte	1133.0	210	2.10 ***	1.22	0.0003
Fehler	1027.8	400			
Insgesamt	8125.4	651			

Précocité [% MS] / Frühreife [% TS]

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Ampezzo	39.0 ----	44.9 -----	42.9 -----
LG 30.222	37.9 ----	43.4 -----	42.7 -----
P 8057	40.9 -----	44.7 -----	44.0 -----
Schobbi CS	39.7 -----	43.8 -----	44.3 -----
DKC 3333	42.1 -----	41.2 -----	41.2 -----
SY Tivio	39.2 ----	42.6 -----	41.2 ----
Kompetens	38.9 ----	44.7 -----	41.8 -----
SY Tribore	37.6 ----	43.0 -----	41.0 ----
Farmezzo	39.0 ----	39.9 ---	40.9 ----
LG 31.211	39.6 -----	43.2 -----	42.2 -----
Belami	43.3 -----	45.3 -----	45.2 -----
Spyci CS	42.0 -----	43.8 -----	43.8 -----
KWS Nestor	39.8 -----	40.4 ----	42.7 -----
LZM164/85	40.2 -----	44.1 -----	44.9 -----
Babexx	38.6 ----	41.4 ----	43.1 -----
Tell KWS	39.4 -----	44.5 -----	43.4 -----
Amaverde	40.1 -----	43.0 -----	42.9 -----
KXB4001	44.4 -----	42.1 -----	45.2 -----
KXB4124	41.1 -----	42.9 -----	42.5 -----
KXB4302	38.5 ----	41.1 ----	42.2 -----
KXB4127	40.4 -----	41.3 ----	42.5 -----
P7923	41.4 -----	42.5 -----	44.6 -----
SY Nordicstar	39.6 -----	43.5 -----	43.1 -----
Skarb	34.4 -	38.3 -	38.7 -
Zuma	36.3 --	37.8 -	38.2 -
GL14205	37.7 ----	38.2 -	38.7 -
EP2932	40.1 -----	44.1 -----	42.6 -----
MAS 12.H	39.9 -----	39.3 ---	40.2 ----
DSP46132	41.5 -----	43.3 -----	43.5 -----
Fabregas	39.4 -----	42.6 -----	42.4 -----
Cathy	39.6 -----	42.5 -----	42.3 -----
P7524	39.4 -----	43.4 -----	43.1 -----
P7631	39.2 -----	41.3 ----	43.1 -----
Lidano	40.1 -----	43.3 -----	41.1 ----
SY Amboss	40.6 -----	41.6 ----	43.0 -----
Coditank	43.3 -----	42.5 -----	41.6 ----
Bezugsgrössen	40.5 -----	43.0 -----	41.5 -----
Versuchs-Mittel	39.8 -----	42.4 -----	42.4 -----
VK [%]	3.0	3.4	2.5
KGD (5%)	2.0	2.4	1.8
KGD (1%)	2.6	3.1	2.4
Versuchs-Streuung	1.2	1.4	1.1
FG Fehlerterm	55.0	55.0	55.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG
Ampezzo	12.8 ----	0.0 -	37.5 ----	1.0 ----
LG 30.222	0.2 -	0.0 -	0.0 -	0.6 ---
P 8057	1.4 -	0.0 -	4.2 -	-0.0 -
Schobbi CS	5.6 ---	0.0 -	16.7 ---	0.0 -
DKC 3333	8.5 ----	0.0 -	25.0 ----	0.6 ---
SY Tivio	0.8 -	0.0 -	0.0 -	2.4 -----
Kompetens	7.1 ---	0.0 -	20.8 ---	0.5 ---
SY Tribore	1.4 -	0.0 -	4.2 -	-0.0 -
Farmezzo	2.8 --	0.0 -	8.3 --	-0.0 -
LG 31.211	6.1 ---	0.0 -	16.7 ---	1.7 -----
Belami	6.1 ---	0.0 -	16.7 ---	1.6 -----
Spyci CS	2.8 --	0.0 -	8.3 --	-0.0 -
KWS Nestor	21.0 -----	0.0 -	62.5 -----	0.6 ---
LZM164/85	22.2 -----	0.0 -	66.7 -----	0.0 -
Babexx	1.4 -	0.0 -	4.2 -	-0.0 -
Tell KWS	26.4 -----	0.0 -	79.2 -----	0.0 -
Amaverde	7.5 ---	0.0 -	20.8 ---	1.7 -----
KXB4001	4.3 --	0.0 -	12.5 --	0.4 --
KXB4124	24.2 -----	0.0 -	70.8 -----	1.8 -----
KXB4302	0.0 -	0.0 -	0.0 -	0.0 -
KXB4127	10.4 ----	0.0 -	29.2 ----	2.0 -----
P7923	17.0 -----	0.0 -	50.0 -----	1.0 ----
SY Nordicstar	0.2 -	0.0 -	0.0 -	0.6 ---
Skarb	1.9 -	0.0 -	4.2 -	1.7 -----
Zuma	3.1 --	0.0 -	8.3 --	1.0 ----
GL14205	0.5 -	0.0 -	0.0 -	1.6 -----
EP2932	0.4 -	0.0 -	0.0 -	1.2 -----
MAS 12.H	1.7 -	0.0 -	4.2 -	1.1 ----
DSP46132	0.0 -	0.0 -	0.0 -	0.1 -
Fabregas	0.2 -	0.0 -	0.0 -	0.5 ---
Cathy	3.1 --	4.2 -----	4.2 -	1.0 ----
P7524	9.7 ----	0.0 -	29.2 ----	0.0 -
P7631	2.8 --	0.0 -	8.3 --	0.0 -
Lidano	1.4 -	0.0 -	4.2 -	0.0 -
SY Amboss	0.3 -	0.0 -	0.0 -	1.0 ----
Coditank	8.7 ----	0.0 -	25.0 ----	1.2 -----
Bezugsgrößen	7.8 ----	0.0 -	22.9 ---	0.5 ---
Versuchs-Mittel	6.2 ---	0.1 -	17.8 ---	0.7 ----
VK [%]	125.3	1039.2	72.5	156.5
KGD (5%)	7.3	ns	21.0	ns
KGD (1%)	9.6	ns	27.9	ns
Versuchs-Streuung	7.8	1.2	12.9	1.2
FG Fehlerterm	195.0	70.0	70.0	55.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	17252.1	35	8.10 ***	1.48	0.0000
Anbauorte	21805.7	2	179.18 ***	3.04	0.0000
WW Verf.*Anb.Orte	34790.0	70	8.17 ***	1.37	0.0000
Fehler	11865.6	195			
Insgesamt	85713.4	302			

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

Verfahren	Seriemittel	1567 Delley FR
Ampezzo	0.0 -	0.0 -
LG 30.222	0.0 -	0.0 -
P 8057	0.0 -	0.0 -
Schobbi CS	0.0 -	0.0 -
DKC 3333	0.0 -	0.0 -
SY Tivio	0.0 -	0.0 -
Kompetens	0.0 -	0.0 -
SY Tribore	0.0 -	0.0 -
Farmezzo	0.0 -	0.0 -
LG 31.211	8.3 -----	8.3 -----
Belami	0.0 -	0.0 -
Spyci CS	0.0 -	0.0 -
KWS Nestor	0.0 -	0.0 -
LZM164/85	12.5 -----	12.5 -----
Babexx	0.0 -	0.0 -
Tell KWS	0.0 -	0.0 -
Amaverde	0.0 -	0.0 -
KXB4001	0.0 -	0.0 -
KXB4124	0.0 -	0.0 -
KXB4302	0.0 -	0.0 -
KXB4127	0.0 -	0.0 -
P7923	0.0 -	0.0 -
SY Nordicstar	0.0 -	0.0 -
Skarb	0.0 -	0.0 -
Zuma	0.0 -	0.0 -
GL14205	0.0 -	0.0 -
EP2932	0.0 -	0.0 -
MAS 12.H	0.0 -	0.0 -
DSP46132	0.0 -	0.0 -
Fabregas	0.0 -	0.0 -
Cathy	0.0 -	0.0 -
P7524	0.0 -	0.0 -
P7631	0.0 -	0.0 -
Lidano	0.0 -	0.0 -
SY Amboss	0.0 -	0.0 -
Coditank	0.0 -	0.0 -
Bezugsgrößen	0.0 -	0.0 -
Versuchs-Mittel	0.6 -	0.6 -
VK [%]	420.1	420.1
KGD (5%)	4.0	4.0
KGD (1%)	5.3	5.3
Versuchs-Streuung	2.4	2.4
FG Fehlerterm	70.0	70.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR
Ampezzo	0.5 ----	0.5 ----
LG 30.222	0.2 ---	0.2 ---
P 8057	0.2 ---	0.2 ---
Schobbi CS	-0.4 --	-0.4 --
DKC 3333	0.4 ---	0.4 ---
SY Tivio	0.4 ---	0.4 ---
Kompetens	0.2 ---	0.2 ---
SY Tribore	0.0 ---	0.0 ---
Farmezzo	4.2 -----	4.2 -----
LG 31.211	0.2 ---	0.2 ---
Belami	0.0 ---	0.0 ---
Spyci CS	0.2 ---	0.2 ---
KWS Nestor	0.0 ---	0.0 ---
LZM164/85	0.4 ---	0.4 ---
Babexx	0.2 ---	0.2 ---
Tell KWS	-0.7 -	-0.7 -
Amaverde	0.2 ---	0.2 ---
KXB4001	0.0 ---	0.0 ---
KXB4124	0.0 ---	0.0 ---
KXB4302	0.5 ----	0.5 ----
KXB4127	-1.1 -	-1.1 -
P7923	-0.4 --	-0.4 --
SY Nordicstar	0.0 ---	0.0 ---
Skarb	-0.7 -	-0.7 -
Zuma	4.0 -----	4.0 -----
GL14205	0.0 ---	0.0 ---
EP2932	0.2 ---	0.2 ---
MAS 12.H	0.0 ---	0.0 ---
DSP46132	-0.4 --	-0.4 --
Fabregas	4.0 -----	4.0 -----
Cathy	0.4 ---	0.4 ---
P7524	0.0 ---	0.0 ---
P7631	0.0 ---	0.0 ---
Lidano	0.5 ----	0.5 ----
SY Amboss	0.2 ---	0.2 ---
Coditank	-0.7 -	-0.7 -
Bezugsgrößen	0.3 ---	0.3 ---
Versuchs-Mittel	0.3 ---	0.3 ---
VK [%]	571.6	571.6
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	2.0	2.0
FG Fehlerterm	55.0	55.0
Anz. Beob.	3.0	3.0

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	1.6 -	0.3 -	5.9 -	3.2 ---	0.1 -
LG 30.222	1.8 --	-0.2 -	4.1 -	1.3 --	2.8 ---
P 8057	2.1 --	0.0 -	8.1 --	0.0 -	2.0 --
Schobbi CS	0.2 -	-0.3 -	0.9 -	0.0 -	1.1 --
DKC 3333	1.1 -	0.0 -	4.8 -	1.0 -	0.5 -
SY Tivio	3.6 ---	-0.1 -	16.3 ---	1.1 -	0.5 -
Kompetens	1.4 -	0.0 -	4.9 -	0.7 -	2.9 ---
SY Tribore	0.2 -	-0.1 -	0.0 -	1.3 --	-0.3 -
Farmezzo	5.5 ----	4.2 ---	9.9 --	4.2 ----	6.3 ----
LG 31.211	2.4 --	-0.4 -	6.8 --	2.3 --	-0.0 -
Belami	3.5 ---	-0.4 -	13.9 --	2.0 --	2.0 --
Spyci CS	2.4 --	0.0 -	10.3 --	2.0 --	0.6 -
KWS Nestor	3.9 ---	12.7 -----	2.7 -	5.0 ----	3.7 ----
LZM164/85	5.8 ----	4.5 ---	8.1 --	12.2 -----	3.3 ---
Babexx	2.4 --	-0.1 -	9.0 --	1.3 --	1.7 --
Tell KWS	4.8 ----	0.0 -	12.6 --	3.3 ---	12.6 -----
Amaverde	3.8 ---	4.7 ----	9.9 --	1.7 --	6.7 ----
KXB4001	4.7 ----	0.2 -	19.2 ---	1.3 --	7.1 ----
KXB4124	3.0 --	-0.1 -	4.6 -	8.9 -----	2.4 ---
KXB4302	2.2 --	-0.5 -	8.8 --	1.7 --	1.8 --
KXB4127	3.6 ---	4.3 ---	8.3 --	6.9 -----	1.2 --
P7923	4.1 ---	-0.2 -	18.6 ---	5.4 ----	0.9 --
SY Nordicstar	2.5 --	0.0 -	8.0 --	3.0 ---	1.1 --
Skarb	10.9 -----	4.4 ---	21.6 ----	13.9 -----	9.6 -----
Zuma	3.2 ---	4.1 ---	10.0 --	4.5 ----	0.6 -
GL14205	5.5 ----	17.0 -----	6.3 -	5.3 ---	3.5 ----
EP2932	2.9 --	0.4 -	7.7 --	1.5 --	4.5 ----
MAS 12.H	1.9 --	0.0 -	4.7 -	1.9 --	1.0 --
DSP46132	15.6 -----	3.7 ---	74.2 -----	8.0 ----	4.0 ----
Fabregas	1.6 -	-0.1 -	5.9 -	0.7 -	1.1 --
Cathy	4.4 ---	-0.1 -	8.3 --	4.6 ----	8.3 -----
P7524	5.3 ----	3.8 ---	14.5 ---	6.7 ----	4.0 ----
P7631	1.7 --	0.2 -	3.5 -	0.7 -	3.3 ---
Lidano	7.5 ----	12.6 -----	16.5 ---	8.7 -----	2.9 ---
SY Amboss	1.8 --	0.2 -	3.9 -	0.3 -	2.0 --
Coditank	2.6 --	0.2 -	4.6 -	4.8 ----	-0.1 -
Bezugsgrößen	1.2 -	0.0 -	4.8 -	0.8 -	1.7 --
Versuchs-Mittel	3.7 ---	2.1 --	10.5 --	3.6 ---	2.9 ---
VK [%]	129.0	261.0	72.8	98.8	133.7
KGD (5%)	3.1	8.9	12.4	5.9	6.4
KGD (1%)	4.1	ns	16.5	7.8	ns
Versuchs-Streuung	4.7	5.4	7.6	3.6	3.9
FG Fehlerterm	360.0	55.0	70.0	70.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	5349.7	35	6.87 ***	1.46	0.0000
Anbauorte	6474.3	5	58.24 ***	2.24	0.0000
WW Verf.*Anb.Orte	14563.6	175	3.74 ***	1.23	0.0000
Fehler	8003.8	360			
Insgesamt	34391.4	575			

Charbon [%] / Beulenbrand [%]

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG
Ampezzo	-0.2 --	0.1 -
LG 30.222	2.8 -----	0.2 -
P 8057	1.1 ---	1.5 ---
Schobbi CS	-0.3 --	-0.1 -
DKC 3333	0.3 --	-0.2 -
SY Tivio	2.2 ----	1.8 ----
Kompetens	-0.0 --	0.1 -
SY Tribore	0.6 --	-0.1 -
Farmezzo	2.9 -----	5.8 -----
LG 31.211	3.8 -----	2.2 ----
Belami	3.8 -----	-0.1 -
Spyci CS	0.9 ---	0.5 --
KWS Nestor	-1.1 -	0.4 --
LZM164/85	4.6 -----	2.3 ----
Babexx	1.9 ----	0.3 -
Tell KWS	-1.3 -	1.2 ---
Amaverde	-0.2 --	0.1 -
KXB4001	0.2 --	0.1 -
KXB4124	0.6 --	1.5 ---
KXB4302	0.6 ---	0.5 --
KXB4127	1.4 ---	-0.4 -
P7923	-0.0 --	-0.3 -
SY Nordicstar	2.5 ----	0.2 -
Skarb	9.0 -----	6.8 -----
Zuma	-1.4 -	1.5 ---
GL14205	-0.0 --	1.0 ---
EP2932	1.6 ----	2.0 ----
MAS 12.H	0.7 ---	3.4 -----
DSP46132	3.1 -----	0.5 --
Fabregas	1.0 ---	0.8 --
Cathy	1.4 ---	4.2 -----
P7524	2.5 ----	0.4 --
P7631	1.0 ---	1.3 ---
Lidano	1.7 ----	2.7 -----
SY Amboss	2.0 ----	2.5 -----
Coditank	3.3 -----	3.0 -----
Bezugsgrössen	0.1 --	-0.0 -
Versuchs-Mittel	1.5 ---	1.3 ---
VK [%]	158.8	158.5
KGD (5%)	3.8	3.4
KGD (1%)	5.1	4.5
Versuchs-Streuung	2.3	2.1
FG Fehlerterm	55.0	55.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	10.0 -----	10.0 -	10.2 -----	10.5 -----	10.3 -----
LG 30.222	9.8 -----	10.0 -	9.5 -----	9.7 ----	10.1 -----
P 8057	9.3 --	10.0 -	9.9 -----	9.1 -	9.3 -
Schobbi CS	9.8 -----	10.0 -	9.5 -----	9.5 ---	10.3 -----
DKC 3333	9.7 -----	10.0 -	8.9 ----	10.0 -----	10.2 -----
SY Tivio	9.5 ----	10.0 -	9.4 -----	9.7 ----	9.8 ----
Kompetens	10.1 -----	10.0 -	9.6 -----	9.9 -----	10.8 -----
SY Tribore	10.1 -----	10.0 -	10.1 -----	10.3 -----	10.2 -----
Farmezzo	9.8 -----	10.0 -	8.8 ----	9.6 ---	9.8 ----
LG 31.211	9.8 -----	10.0 -	10.3 -----	10.1 -----	9.8 ----
Belami	9.9 -----	10.0 -	9.9 -----	9.8 ----	10.1 -----
Spyci CS	10.0 -----	10.0 -	9.3 ----	10.0 -----	10.6 -----
KWS Nestor	10.3 -----	10.0 -	10.8 -----	9.9 ----	10.1 -----
LZM164/85	10.3 -----	10.0 -	9.6 -----	10.7 -----	10.6 -----
Babexx	10.1 -----	10.0 -	10.0 -----	10.2 -----	10.3 -----
Tell KWS	10.2 -----	10.0 -	9.9 -----	9.7 ----	10.7 -----
Amaverde	10.3 -----	10.0 -	10.3 -----	10.2 -----	9.8 ----
KXB4001	9.9 -----	10.0 -	9.4 ----	10.2 -----	10.4 -----
KXB4124	9.8 -----	10.0 -	9.5 -----	9.8 ----	10.3 -----
KXB4302	10.0 -----	10.0 -	9.2 ----	10.1 -----	10.2 -----
KXB4127	10.3 -----	10.0 -	10.0 -----	10.0 -----	10.6 -----
P7923	9.9 -----	10.0 -	9.9 -----	9.8 ----	10.2 -----
SY Nordicstar	9.9 -----	10.0 -	9.7 -----	9.9 -----	9.6 ---
Skarb	9.9 -----	10.0 -	10.0 -----	10.1 -----	10.0 ----
Zuma	9.7 -----	10.0 -	9.1 ----	9.9 -----	10.5 -----
GL14205	10.0 -----	10.0 -	10.1 -----	9.7 ----	10.3 -----
EP2932	9.3 --	10.0 -	9.1 ----	9.4 --	9.5 --
MAS 12.H	10.0 -----	10.0 -	10.1 -----	9.9 -----	9.8 ----
DSP46132	9.6 -----	10.0 -	9.6 -----	9.7 ----	9.7 ----
Fabregas	10.3 -----	10.0 -	10.4 -----	10.1 -----	10.7 -----
Cathy	10.0 -----	10.0 -	9.9 -----	10.1 -----	10.4 -----
P7524	10.2 -----	10.0 -	10.5 -----	9.8 ----	10.3 -----
P7631	9.6 -----	10.0 -	9.7 -----	9.9 ----	9.7 ---
Lidano	9.1 -	10.0 -	7.7 -	9.8 ----	9.5 --
SY Amboss	10.4 -----	10.0 -	11.3 -----	10.4 -----	10.8 -----
Coditank	9.7 -----	10.0 -	9.2 ----	10.4 -----	9.3 -
Bezugsgrössen	9.9 -----	10.0 -	9.3 -----	9.9 -----	10.5 -----
Versuchs-Mittel	9.9 -----	10.0 -	9.7 -----	9.9 -----	10.1 -----
VK [%]	4.9	0.0	5.9	4.1	4.3
KGD (5%)	0.3	ns	0.9	0.7	0.7
KGD (1%)	0.4	ns	1.2	ns	0.9
Versuchs-Streuung	0.5		0.6	0.4	0.4
FG Fehlerterm	390.0	70.0	70.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	58.9	35	7.10 ***	1.45	0.0000
Anbauorte	51.3	6	36.01 ***	2.12	0.0000
WW Verf.*Anb.Orte	75.6	210	1.52 ns	1.22	
Fehler	92.5	390			
Insgesamt	278.3	641			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Ampezzo	9.5 -----	10.0 ----	9.9 -----
LG 30.222	9.0 ----	10.5 -----	9.5 ----
P 8057	7.8 -	9.3 -	9.3 ----
Schobbi CS	8.7 ---	10.3 -----	10.0 -----
DKC 3333	9.3 -----	10.0 -----	9.4 -----
SY Tivio	8.2 --	9.9 ----	9.6 ----
Kompetens	9.4 -----	11.0 -----	9.9 -----
SY Tribore	9.7 -----	10.3 -----	10.4 -----
Farmezzo	9.6 -----	10.2 -----	10.3 -----
LG 31.211	8.6 ---	10.0 ----	9.6 ----
Belami	9.5 -----	9.9 ----	10.4 -----
Spyci CS	9.4 -----	10.5 -----	10.3 -----
KWS Nestor	10.1 -----	10.6 -----	10.5 -----
LZM164/85	10.1 -----	10.4 -----	10.4 -----
Babexx	9.3 ----	10.9 -----	10.2 -----
Tell KWS	10.2 -----	10.6 -----	10.1 -----
Amaverde	11.1 -----	10.4 -----	10.1 -----
KXB4001	9.5 -----	9.9 ----	9.8 -----
KXB4124	8.9 ----	10.8 -----	9.7 ----
KXB4302	9.2 ----	10.3 -----	10.7 -----
KXB4127	9.9 -----	10.6 -----	10.6 -----
P7923	9.5 -----	10.3 -----	10.0 -----
SY Nordicstar	9.8 -----	10.4 -----	10.0 -----
Skarb	9.3 ----	10.4 -----	9.7 ----
Zuma	8.5 ---	10.4 -----	9.8 ----
GL14205	9.4 ----	10.4 -----	10.0 -----
EP2932	8.9 ----	9.3 -	9.0 ---
MAS 12.H	9.3 ----	10.3 -----	10.4 -----
DSP46132	8.8 ----	9.6 --	10.0 -----
Fabregas	10.2 -----	10.3 -----	10.5 -----
Cathy	9.2 ----	10.5 -----	9.6 ----
P7524	10.0 -----	10.6 -----	10.2 -----
P7631	8.5 ---	9.5 --	10.1 -----
Lidano	8.5 ---	9.7 ---	8.6 -
SY Amboss	10.1 -----	10.5 -----	9.8 ----
Coditank	8.8 ----	10.7 -----	9.5 ----
Bezugsgrössen	9.3 -----	10.5 -----	9.6 -----
Versuchs-Mittel	9.3 -----	10.3 -----	9.9 -----
VK [%]	6.1	4.4	4.7
KGD (5%)	0.9	0.7	0.8
KGD (1%)	1.2	1.0	1.0
Versuchs-Streuung	0.6	0.4	0.5
FG Fehlerterm	55.0	70.0	70.0
Anz. Beob.	3.0	3.0	3.0

Hauter relative de l'épi [%] / Relative Kolbenansatzhöhe [%]

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
Ampezzo	49.5 -----	50.5 -----	55.3 -----	48.8 -----	44.9 ----
LG 30.222	44.2 ----	35.6 ----	49.6 ----	44.3 ----	47.3 -----
P 8057	44.0 ----	35.8 ----	49.6 ----	46.7 -----	44.5 ----
Schobbi CS	42.1 ---	35.6 ----	55.3 -----	40.6 -	38.0 -
DKC 3333	45.2 -----	41.2 -----	51.5 -----	46.3 -----	44.5 -----
SY Tivio	43.0 ----	39.9 -----	43.8 --	43.9 -----	43.5 ----
Kompetens	41.5 --	37.6 ----	42.1 -	42.0 ---	40.3 --
SY Tribore	44.1 -----	37.8 ----	49.3 -----	44.9 -----	46.4 -----
Farmezzo	41.0 --	35.6 ----	43.1 --	41.9 ---	41.1 ---
LG 31.211	43.5 ----	41.9 -----	41.3 -	43.9 -----	45.8 -----
Belami	45.3 -----	41.4 -----	48.7 -----	44.1 -----	45.3 -----
Spyci CS	44.5 -----	41.9 -----	48.7 -----	46.0 -----	42.6 ----
KWS Nestor	44.7 -----	35.3 ---	52.7 -----	44.6 -----	43.4 ----
LZM164/85	44.9 -----	35.5 ----	47.0 ----	45.6 -----	50.4 -----
Babexx	44.9 -----	38.1 ----	47.7 ----	43.8 ----	46.2 -----
Tell KWS	45.8 -----	41.6 -----	55.1 -----	43.0 ----	46.8 -----
Amaverde	43.2 ----	35.8 ----	49.3 -----	45.4 -----	41.9 ---
KXB4001	43.1 ----	37.8 ----	43.2 --	45.3 -----	45.4 -----
KXB4124	44.4 -----	41.9 -----	45.5 ----	44.2 ----	44.1 ----
KXB4302	44.5 -----	37.6 ----	43.0 --	47.7 -----	48.4 -----
KXB4127	44.2 -----	37.5 ----	49.4 -----	43.6 ----	43.8 ----
P7923	46.5 -----	42.9 -----	47.4 ----	49.0 -----	47.6 -----
SY Nordicstar	39.9 -	30.6 -	43.5 --	41.0 --	44.7 -----
Skarb	45.8 -----	43.4 -----	50.4 -----	47.9 -----	41.2 ---
Zuma	47.4 -----	43.8 -----	50.0 -----	46.3 -----	49.0 -----
GL14205	41.4 --	36.7 ----	41.6 -	44.3 ----	41.7 ---
EP2932	42.9 ----	33.2 --	45.1 ---	44.0 ----	45.7 -----
MAS 12.H	46.0 -----	36.8 ----	49.4 -----	47.7 -----	48.2 -----
DSP46132	39.9 -	29.2 -	46.4 ----	40.0 -	40.7 --
Fabregas	44.4 -----	41.9 -----	45.8 ----	41.3 --	48.3 -----
Cathy	47.2 -----	45.9 -----	52.4 -----	47.5 -----	45.5 ----
P7524	43.8 -----	39.5 -----	44.4 ---	46.0 -----	40.8 --
P7631	43.4 ----	33.4 ---	48.3 -----	45.9 -----	45.1 ----
Lidano	45.6 -----	37.7 ----	51.2 -----	46.7 -----	46.7 -----
SY Amboss	49.5 -----	45.9 -----	46.4 ----	49.1 -----	53.4 -----
Coditank	42.5 ---	32.9 --	46.8 ----	45.0 ----	42.7 ----
Bezugsgrößen	43.3 ----	39.4 -----	46.8 -----	44.1 -----	42.4 ---
Versuchs-Mittel	44.3 -----	38.6 -----	47.8 -----	44.9 -----	44.9 -----
VK [%]	8.4	10.4	9.7	7.0	7.5
KGD (5%)	2.7	6.5	7.5	5.2	5.5
KGD (1%)	3.5	8.7	10.0	ns	7.3
Versuchs-Streuung	3.7	4.0	4.6	3.2	3.3
FG Fehlerterm	290.0	55.0	70.0	55.0	55.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2580.5	35	5.27 ***	1.46	0.0000
Anbauorte	4977.6	4	88.93 ***	2.40	0.0000
WW Verf.*Anb.Orte	3354.8	140	1.71 ***	1.26	0.0010
Fehler	4057.9	290			
Insgesamt	14970.7	469			

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

Verfahren	8566 Ellighausen TG	
Ampezzo	48.2	-----
LG 30.222	44.4	----
P 8057	43.5	----
Schobbi CS	40.9	--
DKC 3333	42.5	---
SY Tivio	43.8	----
Kompetens	45.4	-----
SY Tribore	42.2	---
Farmezzo	43.3	---
LG 31.211	44.6	----
Belami	47.1	-----
Spyci CS	43.4	----
KWS Nestor	47.5	-----
LZM164/85	45.9	-----
Babexx	48.4	-----
Tell KWS	42.6	---
Amaverde	43.4	----
KXB4001	43.7	----
KXB4124	46.1	-----
KXB4302	45.8	-----
KXB4127	46.9	-----
P7923	45.4	-----
SY Nordicstar	39.5	-
Skarb	46.1	-----
Zuma	47.9	-----
GL14205	42.6	---
EP2932	46.6	-----
MAS 12.H	47.7	-----
DSP46132	43.4	----
Fabregas	44.8	-----
Cathy	45.0	-----
P7524	48.4	-----
P7631	44.1	----
Lidano	45.4	-----
SY Amboss	52.8	-----
Coditank	45.0	-----
Bezugsgrößen	44.0	----
Versuchs-Mittel	45.1	-----
VK [%]	6.8	
KGD (5%)	5.0	
KGD (1%)	6.7	
Versuchs-Streuung	3.1	
FG Fehlerterm	55.0	
Anz. Beob.	3.0	

Floraison [jours] / Blühbeginn [Tage]

Verfahren	Seriemittel	1725 Grangeneuve	8046 Reckenholz ZH	8566 Ellighausen TG
Ampezzo	66.4 ----	68.0 -	62.8 -----	68.5 ---
LG 30.222	66.5 -----	68.0 -	62.9 -----	68.5 ----
P 8057	66.4 ----	68.3 --	62.5 -----	68.3 ---
Schobbi CS	66.8 -----	69.0 -----	62.7 -----	68.7 ----
DKC 3333	67.6 -----	70.0 -----	60.5 ----	72.2 -----
SY Tivio	67.2 -----	69.0 ----	62.6 -----	70.1 -----
Kompetens	66.7 ----	69.0 ----	62.6 -----	68.4 ---
SY Tribore	67.1 -----	68.7 ---	62.1 -----	70.5 -----
Farmezzo	65.9 ---	68.7 ---	60.4 ----	68.8 ----
LG 31.211	66.9 -----	68.3 --	64.0 -----	68.4 ---
Belami	65.9 ---	68.0 -	59.9 ---	69.8 -----
Spyci CS	65.6 --	69.0 -----	59.0 --	68.8 ----
KWS Nestor	66.7 -----	68.7 ---	63.4 -----	67.9 --
LZM164/85	65.6 --	68.0 -	60.8 ----	67.9 --
Babexx	67.1 -----	69.3 -----	63.0 -----	69.0 ----
Tell KWS	66.6 -----	68.3 --	63.4 -----	67.9 --
Amaverde	65.8 ---	68.3 --	61.2 ----	67.9 --
KXB4001	65.0 -	68.7 ---	57.9 -	68.5 ---
KXB4124	66.5 -----	69.0 -----	61.3 ----	69.1 -----
KXB4302	66.1 ----	68.0 -	62.0 -----	68.3 ---
KXB4127	67.8 -----	69.0 -----	64.2 -----	70.1 -----
P7923	66.1 ----	68.7 ---	60.9 ----	68.8 ----
SY Nordicstar	65.1 -	68.0 -	59.7 ---	67.7 --
Skarb	68.7 -----	69.0 -----	65.8 -----	71.4 -----
Zuma	68.1 -----	69.0 -----	65.2 -----	70.2 -----
GL14205	66.6 -----	68.7 ---	61.8 -----	69.3 ----
EP2932	67.6 -----	69.3 -----	62.9 -----	70.6 -----
MAS 12.H	65.3 -	68.7 ---	58.8 --	68.5 ---
DSP46132	65.0 -	69.0 -----	59.0 --	67.0 -
Fabregas	68.1 -----	68.7 ---	65.4 -----	70.2 -----
Cathy	65.4 --	68.3 --	59.8 ---	68.2 ---
P7524	67.0 -----	68.7 ---	62.7 -----	69.5 ----
P7631	66.9 -----	69.0 -----	63.4 -----	68.1 ---
Lidano	67.6 -----	68.7 ---	63.8 -----	70.4 -----
SY Amboss	68.6 -----	70.3 -----	64.2 -----	71.3 -----
Coditank	66.7 ----	69.0 ----	60.7 ----	70.6 -----
Bezugsgrössen	67.1 -----	69.5 -----	61.6 ----	70.3 -----
Versuchs-Mittel	66.6 ----	68.7 ----	62.0 ----	69.2 ----
VK [%]	2.2	0.6	3.9	1.6
KGD (5%)	1.4	0.7	4.0	1.8
KGD (1%)	1.8	1.0	ns	2.4
Versuchs-Streuung	1.5	0.4	2.4	1.1
FG Fehlerterm	180.0	70.0	55.0	55.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	299.3	35	3.83 ***	1.49	0.0000
Anbauorte	3435.9	2	768.72 ***	3.04	0.0000
WW Verf.*Anb.Orte	287.8	70	1.84 ***	1.37	0.0007
Fehler	402.3	180			
Insgesamt	4425.3	287			

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	7.0 -----	7.3 ----	6.9 ----	7.2 -----	6.9 -----
LG 30.222	6.9 ----	7.3 ----	6.9 ----	7.1 -----	6.6 ----
P 8057	7.0 -----	7.7 -----	7.3 -----	6.8 ----	6.6 ----
Schobbi CS	6.9 ----	7.6 -----	6.9 ----	6.8 ----	6.5 ----
DKC 3333	7.0 -----	7.3 ----	7.4 -----	6.9 -----	6.7 -----
SY Tivio	6.9 ----	7.5 -----	6.9 ----	6.8 ----	6.2 --
Kompetens	7.0 -----	7.4 ----	7.1 ----	7.1 -----	6.6 -----
SY Tribore	6.7 ---	7.4 -----	6.6 -	6.7 ----	6.5 ----
Farmezzo	6.9 -----	7.5 -----	7.0 ----	6.6 ---	6.5 ----
LG 31.211	6.9 ----	7.2 ----	7.2 -----	6.6 ---	6.7 -----
Belami	6.9 -----	7.6 -----	7.4 -----	6.8 ----	6.6 ----
Spyci CS	7.0 -----	7.6 -----	7.0 ----	7.1 -----	6.6 ----
KWS Nestor	6.9 -----	7.2 ----	7.1 ----	6.5 -	6.7 ----
LZM164/85	7.0 -----	7.4 ----	7.1 ----	6.9 ----	6.7 ----
Babexx	6.9 ----	7.5 -----	7.0 ----	6.9 ----	6.6 ----
Tell KWS	6.8 ----	7.7 -----	6.9 ----	6.5 -	6.5 ----
Amaverde	7.0 -----	7.5 -----	7.0 ----	7.0 -----	6.6 ----
KXB4001	6.8 ----	7.4 -----	7.2 -----	6.9 ----	6.2 -
KXB4124	6.9 -----	7.3 ----	7.1 ----	6.7 ----	6.6 ----
KXB4302	7.0 -----	7.7 -----	7.3 -----	7.1 -----	6.4 ----
KXB4127	6.8 ----	7.3 ----	6.8 ---	6.8 ----	6.6 ----
P7923	6.8 ---	7.3 ----	6.9 ----	6.5 --	6.5 ----
SY Nordicstar	6.8 ----	7.2 ---	6.9 ----	6.8 ----	6.7 -----
Skarb	6.7 -	7.1 --	6.8 ----	6.4 -	6.5 ----
Zuma	6.7 --	7.2 ---	6.7 --	6.6 ---	6.4 ----
GL14205	7.0 -----	7.5 -----	7.1 ----	7.0 -----	6.6 ----
EP2932	7.0 -----	7.3 ----	7.4 -----	7.2 -----	6.5 ----
MAS 12.H	6.9 -----	7.5 -----	7.1 ----	7.0 -----	6.5 ----
DSP46132	6.6 -	7.2 ----	6.7 --	6.6 ---	6.5 ----
Fabregas	6.7 --	7.4 -----	6.7 ---	6.8 ----	6.4 ---
Cathy	6.8 ---	7.2 ----	6.9 ----	7.0 -----	6.6 ----
P7524	6.8 ----	7.0 -	6.8 ---	6.9 ----	6.7 -----
P7631	7.2 -----	7.4 -----	7.5 -----	7.2 -----	6.7 -----
Lidano	6.8 ----	7.3 ----	6.9 ----	7.2 -----	6.4 ----
SY Amboss	6.8 ----	7.2 ---	6.9 ----	7.1 -----	6.4 ---
Coditank	6.9 -----	7.0 -	7.2 -----	7.2 -----	6.5 ----
Bezugsgrößen	7.0 -----	7.3 ----	7.2 -----	7.0 -----	6.6 -----
Versuchs-Mittel	6.9 ----	7.4 -----	7.0 ----	6.9 ----	6.5 ----
VK [%]	3.2	3.9	3.7	3.9	2.0
KGD (5%)	0.1	ns	0.4	0.4	0.2
KGD (1%)	0.2	ns	0.6	0.6	0.3
Versuchs-Streuung	0.2	0.3	0.3	0.3	0.1
FG Fehlerterm	359.0	55.0	70.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	8.2	35	4.80 ***	1.46	0.0000
Anbauorte	49.6	5	202.39 ***	2.24	0.0000
WW Verf.*Anb.Orte	14.6	175	1.70 ***	1.23	0.0009
Fehler	17.6	359			
Insgesamt	90.1	574			

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

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG
Ampezzo	6.5 ----	7.1 -----
LG 30.222	6.6 -----	6.7 --
P 8057	6.6 ----	7.0 -----
Schobbi CS	6.7 -----	6.8 ----
DKC 3333	7.0 -----	7.0 ----
SY Tivio	6.6 -----	7.0 ----
Kompetens	6.7 -----	7.1 -----
SY Tribore	6.4 ---	6.9 ----
Farmezzo	6.9 -----	7.1 -----
LG 31.211	6.5 ----	6.9 ----
Belami	6.4 ---	6.7 --
Spyci CS	6.6 -----	6.9 ----
KWS Nestor	6.9 -----	6.9 ----
LZM164/85	6.6 -----	7.1 -----
Babexx	6.6 -----	6.8 ---
Tell KWS	6.4 ---	7.0 -----
Amaverde	6.8 -----	7.0 ----
KXB4001	6.5 ----	6.7 --
KXB4124	6.9 -----	7.0 ----
KXB4302	6.8 -----	7.0 ----
KXB4127	6.7 -----	7.0 ----
P7923	6.4 ----	6.8 ---
SY Nordicstar	6.4 ----	6.9 ----
Skarb	6.4 ---	6.9 ----
Zuma	6.5 ----	7.0 -----
GL14205	6.7 -----	7.1 -----
EP2932	6.5 ----	7.0 ----
MAS 12.H	6.7 -----	6.9 ----
DSP46132	6.2 -	6.6 -
Fabregas	6.3 -	6.7 --
Cathy	6.2 -	6.7 --
P7524	6.4 ---	7.1 -----
P7631	6.8 -----	7.4 -----
Lidano	6.4 ---	6.9 ----
SY Amboss	6.5 ----	7.0 ----
Coditank	6.6 -----	7.0 ----
Bezugsgrössen	6.8 -----	7.0 -----
Versuchs-Mittel	6.6 ----	6.9 ----
VK [%]	3.2	2.0
KGD (5%)	0.3	0.2
KGD (1%)	0.5	0.3
Versuchs-Streuung	0.2	0.1
FG Fehlerterm	54.0	55.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	7.3 -----	7.7 ----	7.3 ----	7.6 -----	7.2 -----
LG 30.222	7.2 ----	7.8 ----	7.3 ----	7.4 -----	6.8 ----
P 8057	7.4 -----	8.3 -----	7.8 -----	7.1 ----	6.9 -----
Schobbi CS	7.2 ----	8.2 -----	7.3 ----	7.1 ----	6.7 ----
DKC 3333	7.4 -----	7.8 ----	7.9 -----	7.3 -----	7.0 -----
SY Tivio	7.2 ----	8.0 -----	7.3 ----	7.1 ----	6.4 --
Kompetens	7.3 -----	7.8 ----	7.4 ----	7.4 -----	6.8 -----
SY Tribore	7.0 ---	7.8 -----	6.8 -	6.9 ----	6.7 ----
Farmezzo	7.3 -----	8.1 -----	7.4 ----	6.8 ---	6.7 ----
LG 31.211	7.2 ----	7.7 ----	7.6 -----	6.9 ---	7.0 -----
Belami	7.2 -----	8.2 -----	7.9 -----	7.1 ----	6.9 -----
Spyci CS	7.3 -----	8.1 -----	7.4 ----	7.5 -----	6.9 -----
KWS Nestor	7.2 ----	7.7 ----	7.5 -----	6.7 --	6.9 -----
LZM164/85	7.3 -----	7.9 ----	7.6 -----	7.3 -----	7.0 -----
Babexx	7.2 ----	8.0 -----	7.4 ----	7.3 -----	6.8 ----
Tell KWS	7.1 ----	8.2 -----	7.2 ----	6.7 -	6.7 ----
Amaverde	7.3 -----	8.0 -----	7.4 ----	7.4 -----	6.8 ----
KXB4001	7.1 ----	7.9 -----	7.6 -----	7.2 -----	6.3 -
KXB4124	7.3 -----	7.8 ----	7.4 ----	7.0 ----	6.9 -----
KXB4302	7.4 -----	8.3 -----	7.7 -----	7.5 -----	6.6 ----
KXB4127	7.2 ----	7.8 ----	7.0 ---	7.0 ----	6.9 -----
P7923	7.0 ---	7.8 ----	7.3 ----	6.8 --	6.7 ----
SY Nordicstar	7.1 ----	7.6 ---	7.3 ----	7.2 -----	6.9 -----
Skarb	6.9 -	7.4 --	7.2 ----	6.6 -	6.7 ----
Zuma	7.0 --	7.6 ---	6.9 --	6.8 ---	6.6 ----
GL14205	7.3 -----	8.0 -----	7.4 -----	7.4 -----	6.8 ----
EP2932	7.3 -----	7.7 ----	7.9 -----	7.6 -----	6.7 ----
MAS 12.H	7.3 -----	8.1 -----	7.5 -----	7.3 -----	6.7 ----
DSP46132	6.9 -	7.7 ----	7.0 --	6.9 ---	6.6 ----
Fabregas	7.0 --	7.8 ----	7.0 --	7.1 ----	6.5 ---
Cathy	7.1 ---	7.7 ----	7.3 ----	7.4 -----	6.9 -----
P7524	7.1 ----	7.4 -	7.1 ---	7.2 -----	7.0 -----
P7631	7.6 -----	8.0 -----	8.0 -----	7.6 -----	7.0 -----
Lidano	7.2 ----	7.8 ----	7.2 ----	7.6 -----	6.5 ----
SY Amboss	7.1 ----	7.6 ----	7.2 ----	7.5 -----	6.5 ---
Coditank	7.2 ----	7.3 -	7.7 -----	7.6 -----	6.7 ----
Bezugsgrößen	7.4 -----	7.8 ----	7.7 -----	7.4 -----	6.9 -----
Versuchs-Mittel	7.2 ----	7.8 -----	7.4 ----	7.2 -----	6.8 ----
VK [%]	4.0	4.8	4.6	4.8	2.5
KGD (5%)	0.2	ns	0.5	0.6	0.3
KGD (1%)	0.3	ns	0.7	0.8	0.4
Versuchs-Streuung	0.3	0.4	0.3	0.3	0.2
FG Fehlerterm	359.0	55.0	70.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	14.2	35	4.84 ***	1.46	0.0000
Anbauorte	85.4	5	203.61 ***	2.24	0.0000
WW Verf.*Anb.Orte	25.1	175	1.71 ***	1.23	0.0009
Fehler	30.1	359			
Insgesamt	154.8	574			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ampezzo	6.8	-----	7.4	-----
LG 30.222	6.9	-----	7.0	--
P 8057	6.8	-----	7.4	-----
Schobbi CS	7.0	-----	7.1	----
DKC 3333	7.4	-----	7.3	-----
SY Tivio	6.9	-----	7.3	-----
Kompetens	7.0	-----	7.5	-----
SY Tribore	6.6	---	7.3	-----
Farmezzo	7.2	-----	7.4	-----
LG 31.211	6.7	----	7.2	----
Belami	6.6	---	6.9	-
Spyci CS	6.9	-----	7.2	-----
KWS Nestor	7.3	-----	7.3	-----
LZM164/85	6.9	-----	7.5	-----
Babexx	6.9	-----	7.0	---
Tell KWS	6.6	---	7.3	-----
Amaverde	7.1	-----	7.4	-----
KXB4001	6.7	-----	6.9	--
KXB4124	7.2	-----	7.4	-----
KXB4302	7.1	-----	7.4	-----
KXB4127	6.9	-----	7.3	-----
P7923	6.6	----	7.1	---
SY Nordicstar	6.6	----	7.2	-----
Skarb	6.5	---	7.2	----
Zuma	6.7	----	7.3	-----
GL14205	7.0	-----	7.4	-----
EP2932	6.6	----	7.3	-----
MAS 12.H	6.9	-----	7.2	----
DSP46132	6.3	-	6.8	-
Fabregas	6.4	-	7.0	--
Cathy	6.3	-	7.0	--
P7524	6.6	---	7.5	-----
P7631	7.2	-----	7.8	-----
Lidano	6.6	---	7.2	----
SY Amboss	6.7	----	7.3	-----
Coditank	6.8	-----	7.3	-----
Bezugsgrössen	7.2	-----	7.4	-----
Versuchs-Mittel	6.8	-----	7.3	-----
VK [%]	4.0		2.5	
KGD (5%)	0.4		0.3	
KGD (1%)	0.6		0.4	
Versuchs-Streuung	0.3		0.2	
FG Fehlerterm	54.0		55.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	138.1	134.5	134.3	141.3	159.8
LG 30.222	144.8	135.5	148.8	147.2	160.1
P 8057	142.6	133.6	149.2	137.5	170.3
Schobbi CS	141.3	145.3	144.2	136.8	141.7
DKC 3333	144.2	128.1	154.2	145.5	163.3
SY Tivio	144.3	141.2	133.6	145.3	160.3
Kompetens	146.3	129.0	144.3	160.9	175.7
SY Tribore	141.5	124.2	130.8	134.2	175.4
Farmezzo	144.9	132.5	143.7	129.6	171.5
LG 31.211	149.6	137.0	156.3	147.9	177.4
Belami	137.5	122.2	154.8	140.3	161.8
Spyci CS	142.6	126.7	136.9	141.7	167.8
KWS Nestor	133.5	110.6	148.5	106.2	161.1
LZM164/85	134.4	131.9	148.1	116.5	153.8
Babexx	139.1	130.5	134.8	136.2	159.8
Tell KWS	126.8	126.5	126.6	77.3	168.6
Amaverde	141.7	130.5	134.9	146.4	166.5
KXB4001	140.0	137.3	143.2	136.7	167.6
KXB4124	147.2	122.8	153.6	106.3	202.2
KXB4302	154.5	148.6	152.8	152.3	168.0
KXB4127	147.4	132.4	138.3	138.1	181.1
P7923	140.0	120.5	140.3	117.5	170.2
SY Nordicstar	138.8	124.9	137.6	150.9	167.4
Skarb	138.1	126.7	140.8	127.5	168.9
Zuma	133.6	117.5	124.8	128.2	157.0
GL14205	138.0	126.0	132.2	139.9	155.8
EP2932	148.5	140.9	159.3	154.2	166.3
MAS 12.H	140.8	131.9	133.8	145.2	162.4
DSP46132	130.9	110.1	119.9	139.4	161.5
Fabregas	136.1	137.2	142.7	144.0	148.0
Cathy	142.2	127.0	141.3	143.7	179.2
P7524	138.9	110.5	136.4	130.3	178.3
P7631	143.0	126.1	145.8	151.5	161.1
Lidano	140.8	121.3	138.7	156.7	167.1
SY Amboss	150.3	142.0	137.8	156.6	176.0
Coditank	141.9	116.9	150.9	150.9	167.7
Bezugsgrössen	145.3	128.5	149.3	153.2	169.5
Versuchs-Mittel	141.2	128.9	141.5	137.8	166.7
VK [%]	8.8	9.9	10.7	9.8	5.9
KGD (5%)	8.2	ns	ns	22.2	16.2
KGD (1%)	10.8	ns	ns	29.5	21.6
Versuchs-Streuung	12.5	12.7	15.1	13.6	9.9
FG Fehlerterm	344.0	55.0	70.0	55.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	19827.6	35	3.63 ***	1.46	0.0001
Anbauorte	129450.5	5	165.92 ***	2.24	0.0000
WW Verf.*Anb.Orte	54717.3	175	2.00 ***	1.24	0.0004
Fehler	53678.4	344			
Insgesamt	257673.7	559			

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

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG
Ampezzo	126.2 -----	132.3 -
LG 30.222	130.8 -----	146.8 ----
P 8057	123.8 -----	141.2 ---
Schobbi CS	132.1 -----	147.7 ----
DKC 3333	130.5 -----	143.7 ----
SY Tivio	133.3 -----	152.1 ----
Kompetens	120.6 ----	147.5 ----
SY Tribore	126.5 -----	157.9 -----
Farmezzo	133.8 -----	158.4 -----
LG 31.211	126.6 -----	152.5 ----
Belami	111.3 --	134.5 --
Spyci CS	124.6 -----	157.9 -----
KWS Nestor	114.5 ---	160.1 -----
LZM164/85	110.8 --	145.4 ----
Babexx	120.9 ----	152.6 ----
Tell KWS	108.0 -	153.9 -----
Amaverde	121.5 ----	150.4 ----
KXB4001	117.7 ----	137.5 --
KXB4124	132.4 -----	165.7 -----
KXB4302	136.6 -----	168.8 -----
KXB4127	135.5 -----	158.8 ----
P7923	132.2 -----	159.0 -----
SY Nordicstar	109.1 -	142.8 ----
Skarb	122.0 ----	142.8 ----
Zuma	118.7 ---	155.5 -----
GL14205	130.7 -----	143.6 ----
EP2932	122.4 -----	147.8 ----
MAS 12.H	117.7 ----	153.5 -----
DSP46132	111.1 --	143.5 ----
Fabregas	114.0 ---	131.0 -
Cathy	120.5 ----	141.3 ---
P7524	122.2 -----	155.7 -----
P7631	129.0 -----	144.3 ----
Lidano	120.6 ----	140.3 ---
SY Amboss	124.6 ----	165.0 -----
Coditank	124.8 ----	140.0 ---
Bezugsgrössen	125.6 -----	145.6 ----
Versuchs-Mittel	123.3 -----	149.2 ----
VK [%]	10.1	6.3
KGD (5%)	ns	15.4
KGD (1%)	ns	20.5
Versuchs-Streuung	12.4	9.4
FG Fehlerterm	54.0	55.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Ampezzo	67.7 ----	62.3 -----	70.0 ----	77.8 -----	73.0 --
LG 30.222	73.2 -----	68.7 -----	79.9 -----	76.7 -----	76.9 ---
P 8057	74.7 -----	67.3 -----	85.7 -----	76.8 -----	86.9 ----
Schobbi CS	72.8 -----	74.2 -----	80.9 -----	72.2 -----	69.4 -
DKC 3333	74.1 -----	62.4 -----	86.4 -----	77.6 -----	83.0 ----
SY Tivio	72.8 -----	69.6 -----	71.5 -----	79.7 -----	76.9 ---
Kompetens	74.6 -----	64.8 -----	77.8 -----	85.4 -----	87.7 -----
SY Tribore	70.4 -----	60.0 ----	66.8 ---	72.8 -----	85.7 ----
Farmezzo	71.5 -----	65.6 -----	77.3 -----	57.9 ----	85.3 ----
LG 31.211	74.7 -----	66.8 -----	85.5 -----	70.7 -----	88.3 -----
Belami	70.9 -----	60.5 ----	86.5 -----	73.6 -----	81.0 ----
Spyci CS	71.6 -----	63.0 -----	72.1 ----	75.4 -----	83.7 ----
KWS Nestor	69.4 -----	53.4 --	85.0 -----	52.6 ---	84.1 ----
LZM164/85	69.1 ----	64.5 -----	81.8 -----	59.9 ----	78.9 ---
Babexx	72.5 -----	64.3 -----	76.6 -----	73.8 -----	83.9 ----
Tell KWS	64.2 --	63.1 -----	70.1 ----	37.3 -	85.6 ----
Amaverde	72.8 -----	64.6 -----	71.3 ----	79.5 -----	84.8 ----
KXB4001	70.7 -----	67.1 -----	77.0 -----	72.1 -----	85.8 ----
KXB4124	74.6 -----	60.6 ----	80.7 -----	53.2 ---	105.5 -----
KXB4302	80.5 -----	74.1 -----	85.4 -----	84.2 -----	86.5 ----
KXB4127	73.1 -----	64.2 -----	71.1 ----	68.4 -----	93.6 -----
P7923	67.1 ---	55.8 ---	74.0 -----	55.5 ----	82.2 ----
SY Nordicstar	69.6 -----	58.1 ----	75.2 -----	79.2 -----	82.4 ----
Skarb	68.3 ----	59.1 ----	76.7 -----	62.4 ----	88.7 -----
Zuma	66.2 ---	55.4 ---	63.2 -	66.3 -----	82.1 ----
GL14205	70.3 -----	62.7 -----	71.8 ----	73.6 -----	80.5 ----
EP2932	75.3 -----	67.4 -----	87.1 -----	82.8 -----	82.8 ----
MAS 12.H	71.3 -----	65.1 -----	73.9 -----	77.0 -----	81.6 ----
DSP46132	62.2 -	53.9 --	61.2 -	69.4 -----	75.0 --
Fabregas	68.8 ----	67.8 -----	76.2 -----	73.4 -----	75.7 --
Cathy	70.0 -----	62.4 -----	78.0 -----	73.1 -----	87.1 ----
P7524	66.4 ---	50.7 -	69.5 ----	62.8 -----	84.3 ----
P7631	74.8 -----	62.1 -----	85.9 -----	80.0 -----	82.2 ----
Lidano	70.2 -----	59.4 ----	74.2 -----	81.4 -----	83.5 ----
SY Amboss	77.7 -----	73.1 -----	75.7 -----	84.5 -----	92.6 -----
Coditank	72.2 -----	54.8 --	84.7 -----	79.7 -----	85.9 ----
Bezugsgrößen	74.4 -----	63.6 -----	82.1 -----	81.5 -----	85.3 -----
Versuchs-Mittel	71.3 -----	63.0 -----	76.9 -----	71.6 -----	83.7 ----
VK [%]	11.0	11.1	13.7	12.5	7.0
KGD (5%)	5.2	11.5	ns	14.7	9.6
KGD (1%)	6.8	ns	ns	19.6	12.7
Versuchs-Streuung	7.9	7.0	10.6	9.0	5.8
FG Fehlerterm	344.0	55.0	70.0	55.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	8391.0	35	3.88 ***	1.46	0.0000
Anbauorte	50376.2	5	162.99 ***	2.24	0.0000
WW Verf.*Anb.Orte	21343.6	175	1.97 ***	1.24	0.0004
Fehler	21264.0	344			
Insgesamt	101374.8	559			

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

Verfahren	8193	8566
	Eglisau ZH	Ellighausen TG
Ampezzo	57.9 -----	65.3 -
LG 30.222	63.9 -----	73.2 ----
P 8057	57.7 -----	73.8 ----
Schobbi CS	63.2 -----	77.0 -----
DKC 3333	63.5 -----	71.6 ----
SY Tivio	60.5 -----	78.8 -----
Kompetens	56.0 -----	76.1 -----
SY Tribore	56.7 -----	80.3 -----
Farmezzo	63.0 -----	79.8 -----
LG 31.211	58.8 -----	77.9 -----
Belami	53.8 -----	69.6 ---
Spyci CS	56.9 -----	78.3 -----
KWS Nestor	57.0 -----	84.4 -----
LZM164/85	52.8 ---	76.5 -----
Babexx	58.5 -----	77.6 -----
Tell KWS	49.2 --	80.2 -----
Amaverde	59.6 -----	76.9 -----
KXB4001	53.6 ----	68.4 --
KXB4124	62.9 -----	84.9 -----
KXB4302	66.2 -----	86.7 -----
KXB4127	60.5 -----	80.8 -----
P7923	56.8 -----	78.3 -----
SY Nordicstar	49.4 --	73.3 -----
Skarb	51.6 ---	71.4 ----
Zuma	52.1 ---	78.2 -----
GL14205	59.7 -----	73.6 -----
EP2932	58.0 -----	73.6 -----
MAS 12.H	53.5 -----	76.4 -----
DSP46132	45.7 -	68.2 --
Fabregas	55.1 -----	64.8 -
Cathy	54.7 -----	64.7 -
P7524	56.6 -----	74.7 -----
P7631	63.9 -----	74.8 -----
Lidano	53.6 -----	68.9 ---
SY Amboss	58.0 -----	82.2 -----
Coditank	59.9 -----	68.3 --
Bezugsgrößen	59.8 -----	73.9 ----
Versuchs-Mittel	57.2 -----	75.3 -----
VK [%]	12.7	7.2
KGD (5%)	ns	8.9
KGD (1%)	ns	11.8
Versuchs-Streuung	7.2	5.4
FG Fehlerterm	54.0	55.0
Anz. Beob.	3.0	3.0

3.2 Serie mittelfrüh

3.2.1 Standortangaben

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	Saattermin / date de semis	Erntetermin / date de récolte
1260	Changins	430	30.4.15	9.9.2015
1376	Goumoens	622	22.5.2015	Wasserstress > unregelmässiger Feldaufgang > aufgegeben
1567	Delley	514	19.5.2015	
1725	Grangeneuve	650	18.5.2015	2.10.2015
3065	Habstetten	680	12.5.2015	12.10.2015
5643	Alikon	475	1.6.2015	22.10.2015
8046	Reckenholz	440	25.5.2015	12.10.2015
8193	Eglisau	390	11.5.2015	10.9.2015, für Auswertung nicht berücksichtigt.
8566	Ellighausen	517	14.5.2015	30.9.2015

3.2.2 Sorten/Status

Name	Synonym	Hybrid Typ	Züchter	Vertreter	KM	SM
Geoxx	RH08023	SC	R2n, RAGT	Fenaco, Moudon		SM11/S
Colisee	KXA 9306	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/S
LG 30.224	LZM260/58	SC	Limagrain / Europe	Fenaco, Moudon		SM11/S
ES Albatros	ES Albatros	SC	Euralis / F	Euralis	KM11/S	SM11/S
P8025	X80A397	SC	Pioneer	Pioneer		SM11/S
SY Pracht	SB1521	SC	Syngenta	Syngenta, Dielsdorf		SM11/S
Juvento	KXB2329	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/S
Farmfire	SM B0495	SC	Saatzucht Moreau	Samen Steffen		SM11/e2
SY Talisman	SA1002	SC	Syngenta	Syngenta, Dielsdorf	KM11/e2	SM11/e2
SL10271	SL10271	SC	Saatbau Linz	?		SM11/e2
Kolossal * *	KXB3309	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e2	SM11/e2
LZM264/30	LZM264/30	TC	Limagrain / Europe	Fenaco, Moudon		SM11/e1
LZM163/52	LZM163/52	SC	Limagrain / Europe	Fenaco, Moudon		SM11/e1
SM E0175	SM E0175	SC	Saatzucht Moreau	Samen Steffen		SM11/1.
CSM3168	CSM3168	TC	Caussade Semences	Fenaco, Moudon		SM11/e1
Genialis KWS	KXB3014	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM11/e1
KXB4138	KXB4138	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM11/e1
KXB4303	KXB4303	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e1
P8372	X80C938	SC	Pioneer	Pioneer, Manno		SM11/e1
SC1153	SC1153	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/e1	SM11/e1
SB1553	SB1553	SC	Syngenta, CH	Syngenta, Dielsdorf		SM11/e1
Tapas	DSP38264	TC	DSP, Delley	Schweizer, Thun		SM11/e1
EP2814	EP2814	SC	Monsanto, USA	Monsanto, Morges		SM11/e1
EP3463	EP3463	SC	Monsanto, USA	Monsanto, Morges		SM11/e1
ES Metronom	ESZ2202	SC	Euralis, F	Euralis ?	KM11/e1	SM11/e1
DSP42330	DSP42330	SC	DSP, Delley	DSP, Delley		SM11/1.
MAS 20.S	MGM231407	SC	Maisadour, F	Fenaco, Moudon		SM11/e1
LG 30.218	LZM 157/72	SC	Limagrain / F	Fenaco, Moudon		SM11/T
Millesim	KXA 9331	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/T
ES Tarock	ESZ1205	SC	Euralis / F	Euralis		SM11/T
Gottardo KWS	KXB1157	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/T	SM11/T
DKC 3531	EL3445	SC	Monsanto	Monsanto, Morges		SM11/T
LG 30.248	LZM 162/73	SC	Limagrain / Europe	Fenaco, Moudon		SM11/T
LG 30.215	LZM 162/51	SC	Limagrain / Europe	Fenaco, Moudon		SM11/T
P7631	X8V240	SC	Pioneer	Pioneer, Manno		SM11/T
DKC 3440	EM3451	SC	Monsanto, USA	Monsanto, Morges		SM11/T
SY Amboss	SA1051	SC	Syngenta	Syngenta, Dielsdorf		SM11/T
P8200	X75B142	SC	Pioneer	Pioneer, Manno		SM11/T
Xxilo	RH09086	TC	RAGT, Rodez	Fenaco, Moudon		SM11/T
Coditank	CSM1161	SC	Caussade Semence	Fenaco, Moudon		SM11/T

* Kolossalis steht im 2. Prüfljahr für die Eintragung in der mittelfrühen Reifegruppe. Aus Platzgründen wurde sie in der mittelspäten Reifegruppe ausgesät. Sie steht in der mittelfrühen Reifegruppe effektiv erst im 1. Jahr in den Versuchen.

3.2.3 Standorteigenschaften und Bewirtschaftungsmassnahmen

Technische Versuchsangaben / données techniques / technical information								
Standort / lieu / site:	Nyon (430 m ü.M.)	Grangeneuve (650 m ü.M.)	Delley (500 m ü.M.)	Habstetten (680 m ü.M.)	Alikon, Tönihof (530 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:	limoneux	moyen	Moyen	sandiger Lehm	Schwach humoser Lehm, pH 6.9	tiefgründige Braunerde	tiefgründige Parabraunerde	pH 7.5; Lehm
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):	361 mm; 1828°C; Starkniederschläge anfangs Mai / grosses précipitations (130 mm/m2) début mai, Bewässerung/irrigation : 5.6.: 25mm; 26.6.: 20mm; 1.7.: 30mm; 11.7.: 30mm; 20.7.: 30mm	-	212.4 mm 1718.7°C	n.a. mm 1698 °C	-	280 mm 1674 °C	-	390 mm 1551 °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), 10 m2 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 : 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 + engrais vert sans légumineuses	Kunstwiese / prairie artificielle / temporary grassland	Blé de printemps	Gerste / orge	Zuckerrüben	Kunstwiese / prairie temporaire / temporary grassland	Zuckerrüben	Raps + Zwischenfutter
Bodenbearbeitung / travail du sol / soil cultivation:	Pflug / charrue / plough (Nov 14); Kreiselegge / herse rotative / rotary harrow (Mai / mai / may)	Pflug / labour / plough (18.3.2015), roulé le labour (cambridge, 19.3.2015), Kreiselegge / herse rotative / rotary harrow (17.5.2015)	Pflug / charrue / plough (4.12.14); Kreiselegge / herse rotative / rotary harrow (19.5.15)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Mulchsaat Grubber / Kreiselegge	Pflug / charrue / plough (23.5.15); Kreiselegge / herse rotative / rotary harrow (25.5.15)	Grubber / Kreiselegge	Pflug / charrue / plough (14.5.15); Federzahnegge / herse / harrow
Saat / date de semis / sowing date:	30.04.2015	18.05.2015	19.05.2015	13.05.2015	1. Jun 15 (2. Saattermin)	25.5.2015)	11.05.2015	14.05.2015

Standort / lieu / site:	Nyon (430 m ü.M.)	Grangeneuve (650 m ü.M.)	Delley (500 m ü.M.)	Habstetten (680 m ü.M.)	Alikon, Tönhof (530 m ü.M.)	Zürich- Affoltern (450 m ü.M.)	Eglisau (392 m ü.M.)	Ellighausen (517 m ü.M.)
Ernte / date de récolte / harvest date:	9.9.15	02.10.2015	21.09.15	12.10.15	22.10.2015	12.10.15	10. 9. 2015	30.9.2015
Saadichte / densité de semis / sowing density:	10.0 Körner / grains pro m2	10.0 Körner / grains pro m2	Semis: 13.2 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	132 Tage / jours / days	137 Tage / jours / days	125 jours	152 Tage / jours / days	143 Tage / jours / days	140 Tage / jours / days	122 Tage / jours / days	139 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:	sarclage pattes d'oies pour décroûter stade 2 feuilles	-	-	-	30.05.15 Flügel-scharrubber für Neusaat; für 1. Saattermin Streifenfräse	2 x hacken Nachauf- lauf zwischen den Reihen / sarclage (après la levée) entre les lignées / hoeing after emergence in between rows (12.6.15, 29.6.15)	-	-
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Banvel 4S 0.5l, Dasul 1l, Garda Gold nouveau 4l (10.6.15)	1.5 l/ha Equip Power (10.6.15)	Calaris 1.5 L/ha + Dual Gold 1 L/ha (08.6.2015, 4-5 feuilles)	Calaris 1.5l, Dual Gold 1.2l (28.05.15)	Andil 0.4 l / ha Barst 1.0 l / ha Pyran 0.5 l / ha Dual Gold 0.5 l / ha + Netzmittel (17.06.2015)	Andil 1kg/ha, Dasul 1l/ha, Mikado 1l/ha (7.7.15)	Gardo Gold 4lt/ ha, Calisto 0.8 lt/ ha, Dasul 0.8 lt/ ha	Gardo Gold 4l/ha + Callisto 0.75l/ha + Banvel 4S 0.5l/ha (15.5.15)
Grunddüngung / fumure de base / basic fertilisation:	138 kg P/ha, 208 kg K/ha (Landor 0-20-30, mars 2015); 4.2kg N/ha, 48kg P/ha, 68.4kg K/ha, 37.2kg Mg/ha (compost, avril 2015); 76.8kg P/ha, 158.4kg K/ha (fumier, avril 2015)	-	25.08.14: Landor (0/20/30) 230kg/ha	120kg K / ha, 57.6kg P / ha	27 t Mist / ha (10.04.15); Schweinegülle 35 m3 / ha (20.6.2015)	129kg P2O5 /ha (1.6.15, Triple Superphosphat); 300kg K2O /ha (1.6.15, Kalisalz)	-	-
N-Düngung / fumure N / N fertilisation:	4.2kg N/ha (compost, avril 2015); 17.6kg N/ha (fumier, avril 2015), 50kg N/ha, 4.6kg Mg/ha (ammonitrate 27%, 11.5.15), 73.6kg N/ha (Urée 46%, 3.6.15)	115 kg N/ha (Urée 46%, 11.6.15)	19.05.15: Sulfonitrate (26/0/0) 305kg/ha 18.06.15 urée 46N 165kg/ha	45.9 kg / ha (18.5.15, Ammonsalpeter 27%); 82.8kg N/ha (11.06.15, Harnstoff 46%)	40kg N / ha (Ammonsalpeter, 14.4.14); 74kg N / ha (Harnstoff, 13.06.15)	49.9kg N /ha, 4.6kg Mg /ha (12.6.15, Mg Ammonsalpeter), 63.6kg N / ha (29.6.15, Harnstoff) zur Reihe / près de la ligne / to the row	138kg N/ ha (Harnstoff)	40kg N/ha (18.5.15, Ammonsalpeter); 70kg N/ha (2.6.15, Harnstoff)
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Ensileuse expérimentale	Baural Maishäcksler / ensileuse	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler

3.2.4 Index

Sorte	Status	VOS	Ertrag	Reife	Jugendentwi.	Wurzellag. Veg.	Wurzellag. E.	Stängelbr. E.	Beulenbr.	Oekon. Index	Agron. Index	Gesamindex
DKC 3440	T	3.96	5.76	0.84	0.07	0.15	-0.45	0.00	0.40	9.72	1.01	10.73
Genialis KWS	e1	4.24	4.84	0.28	0.01	-0.15	0.00	0.00	0.11	9.08	0.25	9.34
DKC 3531	T	5.77	2.65	-0.39	0.13	-0.04	0.00	0.00	0.42	8.42	0.12	8.53
SC1153	e1	10.10	0.95	-1.23	-0.11	0.03	-0.45	0.00	-1.11	11.05	-2.86	8.19
KXB4303	e1	4.90	1.73	0.88	-0.01	0.03	0.00	0.00	0.00	6.63	0.90	7.53
ES Metronom	e1	1.91	8.63	-2.66	-0.10	-0.50	0.00	0.00	-0.94	10.54	-4.19	6.36
EP3463	e1	1.93	4.83	-1.58	0.00	0.18	0.00	0.00	0.36	6.75	-1.03	5.72
SY Amboss	T	-0.10	4.40	0.66	-0.04	0.18	0.00	0.00	-0.09	4.30	0.72	5.02
Coditank	T	2.92	-2.05	3.02	0.12	-0.26	0.00	0.00	-0.01	0.88	2.85	3.73
Gottardo KWS	T	0.96	1.98	1.58	-0.10	-0.74	0.00	0.00	-0.13	2.94	0.61	3.55
CSM3168	e1	2.89	-0.41	1.77	0.12	-0.74	0.00	0.00	-0.25	2.49	0.90	3.39
KXB4138	e1	0.67	3.51	-0.39	-0.07	-0.34	-0.45	0.00	0.31	4.18	-0.94	3.24
LG 30.248	T	2.62	2.85	-0.24	-0.04	0.18	-1.34	0.00	-0.95	5.47	-2.38	3.08
SY Talisman	e2	2.89	-0.68	0.77	0.15	-0.18	0.00	0.00	-0.24	2.21	0.50	2.71
SB1553	e1	2.02	3.63	-2.91	0.08	-0.26	0.00	0.00	-0.58	5.64	-3.67	1.97
P7631	T	8.32	-7.97	2.36	-0.12	-0.74	0.00	0.00	-0.02	0.35	1.47	1.81
ES Tarock	T	2.31	0.76	-1.75	0.01	0.15	0.00	0.00	0.04	3.07	-1.55	1.52
Farmfire	e2	0.99	2.51	-2.05	-0.01	-0.30	0.00	0.00	0.00	3.50	-2.37	1.13
LG 30.224	S	0.59	0.58	-0.37	-0.04	-0.03	0.00	0.00	0.24	1.17	-0.21	0.96
Juvento	S	-0.59	-0.58	0.37	0.04	0.03	0.00	0.00	-0.24	-1.17	0.21	-0.96
Millesim	T	3.70	-2.89	-0.39	-0.07	-0.30	0.00	0.00	-1.27	0.81	-2.03	-1.22
EP2814	e1	3.08	-1.82	-1.98	-0.07	-0.43	0.00	0.00	-0.24	1.26	-2.72	-1.45
Kolossal	e2	-0.79	2.02	-1.95	-0.01	-0.26	0.00	0.00	-0.64	1.23	-2.86	-1.64
P8200	T	-1.62	-0.63	0.30	0.17	0.03	-1.34	0.00	0.14	-2.25	-0.69	-2.95
SY Pracht	S	-2.17	-1.46	0.66	0.08	-0.26	0.00	-0.45	0.07	-3.63	0.10	-3.53
LZM264/30	e1	-1.14	-0.03	-0.28	0.03	-0.56	-0.45	-0.45	-0.81	-1.17	-2.51	-3.68
LZM163/52	e1	-1.29	-4.51	1.53	0.05	-0.41	0.00	0.00	0.32	-5.80	1.49	-4.31
ES Albatros	S	-1.98	0.18	-1.86	-0.11	-1.04	0.00	0.00	0.35	-1.80	-2.65	-4.45
LG 30.215	T	1.52	-4.81	-0.19	0.02	-0.26	-1.34	0.00	0.02	-3.29	-1.75	-5.04
MAS 20.S	e1	-2.82	-1.13	-1.84	-0.07	0.15	0.00	0.00	0.35	-3.95	-1.42	-5.37
Geox	S	-5.56	2.51	-1.23	-0.03	-0.29	-0.89	0.00	-0.07	-3.05	-2.51	-5.56
P8025	S	-6.42	-0.18	0.19	0.15	0.18	0.00	0.00	0.28	-6.60	0.80	-5.80
Xxilo	T	-6.25	2.73	-1.12	-0.06	-0.18	-0.45	0.00	-0.54	-3.53	-2.35	-5.88
Tapas	e1	-1.81	0.74	-3.63	0.06	-0.56	0.00	-0.45	-0.68	-1.07	-5.26	-6.33
DSP42330	1.	-0.64	-1.99	-1.54	0.15	-2.05	0.00	-0.45	-0.89	-2.63	-4.78	-7.41
LG 30.218	T	-1.60	-5.27	0.52	0.02	0.18	-1.34	0.00	0.00	-6.87	-0.61	-7.48
P8372	e1	-4.50	0.21	-0.80	0.11	-1.07	-2.23	0.00	-1.67	-4.29	-5.66	-9.96
Colisee	S	-3.05	-8.15	0.20	0.07	-0.33	0.00	0.00	-0.53	-11.21	-0.58	-11.79
SM E0175	1.	-1.98	-4.12	-3.68	0.08	-2.05	-0.45	-0.45	-0.36	-6.10	-6.91	-13.01
SL10271	e2	-5.98	-1.64	-1.84	-0.01	0.18	0.00	0.00	-5.19	-7.63	-6.86	-14.48
Bezugsgrösse(n)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Anz. Beob.		20	20	20	18	5	3	3	17			
Anz. Orte		7	7	7	6	2	1	1	6			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.2.5 Zusammenfassung

Sorten Bezeich- nung	Jugend ent- wickl Note	allg. Eindruck Note	Pflanzen hoehe cm	Kolben ansatz hoehe cm	Green snapig Note	VOS g/kg g.Pfl. NIR	Staerke g/kg TS g.Pfl. NIR	Koerner anteil in TS % (NIR)	Rohfaser g/kg TS NIR
Geoxx	4.4	4.0	231	105	1.0	745.1	362	50	157
Colisee	4.2	5.0	211	99	1.7	751.3	380	55	152
LG 30.224	4.4	5.0	209	95	1.0	760.4	371	55	149
ES Albatros	4.6	3.3	229	111	1.0	754.0	366	54	154
P8025	4.0	5.3	219	103	1.3	742.9	364	53	159
SY Pracht	4.1	3.0	218	111	1.7	753.5	371	56	152
Juvento	4.3	4.3	211	97	1.3	757.5	369	51	145
Farmfire	4.4	4.0	210	101	1.3	761.4	376	53	149
SY Talisman	4.0	3.3	222	103	1.0	766.2	398	61	147
SL10271	4.4	3.7	228	105	1.0	744.0	352	47	154
Kolossal	4.4	3.3	225	106	1.3	757.0	370	53	153
LZM264/30	4.3	2.0	224	102	1.0	756.1	360	51	154
LZM163/52	4.2	4.0	213	100	1.0	755.7	379	56	151
SM E0175	4.1	6.3	215	103	6.7	754.0	375	52	150
CSM3168	4.1	4.7	221	96	3.0	766.2	391	56	145
Genialis KWS	4.3	4.0	207	93	1.3	769.6	394	56	142
KXB4138	4.5	2.7	224	102	1.0	760.7	373	50	145
KXB4303	4.4	4.0	219	99	1.0	771.2	393	57	140
P8372	4.1	5.3	232	107	2.0	747.7	375	58	155
SC1153	4.6	3.7	207	96	1.0	784.2	415	61	134
SB1553	4.2	4.0	220	108	1.0	764.0	380	56	144
Tapas	4.2	5.3	231	104	3.7	754.4	360	51	150
EP2814	4.5	2.3	220	103	1.0	766.7	392	62	146
EP3463	4.3	1.7	221	101	1.0	763.8	382	59	149
ES Metronom	4.6	2.3	237	110	1.7	763.8	376	53	150
DSP42330	4.0	3.7	219	100	1.7	757.4	379	57	149
MAS 20.S	4.5	3.0	226	105	1.0	751.9	383	57	159
LG 30.218	4.3	5.3	200	95	1.0	755.0	377	59	155
Millesim	4.5	3.7	208	89	1.3	768.2	388	54	144
ES Tarock	4.3	3.7	219	104	1.0	764.7	361	50	146
Gottardo KWS	4.6	5.3	219	98	3.3	761.4	381	55	155
DKC 3531	4.0	2.3	220	100	1.0	773.4	392	57	144
LG 30.248	4.4	4.7	215	95	1.0	765.5	365	51	149
LG 30.215	4.3	4.3	224	108	1.0	762.8	390	56	151
P7631	4.6	5.7	207	88	2.0	779.8	407	59	138
DKC 3440	4.2	3.7	218	98	1.0	768.9	393	59	151
SY Amboss	4.4	4.0	222	109	1.0	758.7	375	52	156
P8200	3.9	4.3	224	106	1.3	754.9	381	57	153
Xxilo	4.5	2.7	232	107	1.0	743.3	360	49	160
Coditank	4.1	5.3	211	91	1.3	766.3	393	60	149
Bezugsgrösse(n)	4.3	4.7	210	96	1.2	759.0	370	53	147
Versuchs-Mittel	4.3	4.0	219	101	1.5	760.1	379	55	150
VK [%]	15.3	33.9	5	8	63.3	2.4	7	10	7
KGD (5%)	0.4	2.2	8	6	1.5	11.3	16	5	6
KGD (1%)		2.9	11	8	2.0	14.8	21	7	8
Versuchs-Streu-	0.7	1.3	12	8	0.9	18.1	25	5	10
FG Fehlerterm	468.0	78.0	390	390	78.0	507.0	507	195	507
Anz. Beob.	18.0	3.0	15	15	3.0	20.0	20	8	20
Anz. Orte	6.0	1.0	5	5	1.0	7.0	7	3	7
Minimum	3.9	1.7	200	88	1.0	742.9	352	47	134
Maximum	4.6	6.3	237	111	6.7	784.2	415	62	160

Sorten Bezeich- nung	NDF g/kg NIR	Rohprot. g/kg TS NIR	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	Wurzel lager Veg. %	Wurzel lager Ernte %	Steng- bruch Ernte %	Beulen brand %	Eff. Best- dichte Pfl./m ²
Geoxx	350	70	534.4	202.3	38.0	6.7	8.3	0.0	3.1	9.5
Colisee	344	71	463.3	181.0	39.2	7.1	0.0	0.0	5.2	9.8
LG 30.224	344	68	514.6	198.5	38.7	3.0	0.0	0.0	1.7	9.7
ES Albatros	343	69	527.0	197.7	37.5	17.1	0.0	0.0	1.1	9.8
P8025	351	67	504.4	196.9	39.2	0.0	0.0	0.0	1.5	9.7
SY Pracht	352	65	493.5	194.4	39.5	6.3	0.0	4.2	2.4	9.6
Juvento	337	73	501.0	196.1	39.3	2.1	0.0	0.0	3.9	9.9
Farmfire	338	70	543.9	202.3	37.4	6.7	0.0	0.0	2.8	9.9
SY Talisman	333	65	495.9	195.9	39.6	5.1	0.0	0.0	3.9	9.7
SL10271	354	69	518.5	194.0	37.5	0.0	0.0	0.0	27.0	9.7
Kolossal	346	66	539.1	201.3	37.5	6.3	0.0	0.0	5.8	9.9
LZM264/30	354	67	510.5	197.2	38.8	10.4	4.2	4.2	6.6	9.9
LZM163/52	341	68	468.0	188.3	40.2	8.3	0.0	0.0	1.3	9.6
SM E0175	339	68	521.3	189.1	36.1	31.3	4.2	4.2	4.5	9.6
CSM3168	331	68	487.4	196.5	40.4	13.0	0.0	0.0	3.9	9.4
Genialis KWS	329	70	528.4	207.0	39.2	4.6	0.0	0.0	2.3	10.1
KXB4138	338	67	532.4	204.3	38.7	7.3	4.2	0.0	1.3	9.2
KXB4303	326	67	506.5	200.8	39.7	2.1	0.0	0.0	2.8	9.6
P8372	343	69	516.1	197.7	38.4	17.5	20.8	0.0	10.6	9.8
SC1153	310	68	524.5	199.2	38.0	2.1	4.2	0.0	8.0	9.8
SB1553	336	69	561.4	204.6	36.7	6.3	0.0	0.0	5.5	9.9
Tapas	342	69	550.3	198.8	36.1	10.4	0.0	4.2	5.9	9.3
EP2814	327	69	516.8	193.7	37.4	8.6	0.0	0.0	3.9	9.7
EP3463	336	65	548.2	207.0	37.7	0.0	0.0	0.0	1.1	9.5
ES Metronom	338	70	582.4	214.6	36.9	9.6	0.0	0.0	7.1	9.5
DSP42330	335	71	509.8	193.3	37.8	31.3	0.0	4.2	7.0	9.6
MAS 20.S	350	69	521.0	195.0	37.5	0.4	0.0	0.0	1.1	9.7
LG 30.218	340	67	473.8	186.8	39.4	0.0	12.5	0.0	2.8	9.6
Millesim	325	73	496.2	191.5	38.7	6.7	0.0	0.0	8.7	9.9
ES Tarock	335	70	530.2	198.8	37.6	0.4	0.0	0.0	2.6	9.3
Gottardo KWS	348	67	501.9	201.3	40.3	12.9	0.0	0.0	3.4	10.2
DKC 3531	328	69	525.0	202.6	38.7	3.2	0.0	0.0	0.8	9.3
LG 30.248	336	68	523.3	203.0	38.8	0.0	12.5	0.0	7.2	9.5
LG 30.215	334	73	483.7	187.7	38.9	6.3	12.5	0.0	2.7	9.6
P7631	313	71	445.5	181.4	40.9	13.0	0.0	0.0	2.9	9.6
DKC 3440	342	69	526.7	208.8	39.7	0.4	4.2	0.0	0.9	9.5
SY Amboss	351	71	523.3	206.1	39.5	0.0	0.0	0.0	3.2	9.9
P8200	345	70	501.2	196.0	39.3	2.1	12.5	0.0	2.1	9.7
Xxilo	362	69	533.9	202.8	38.1	5.1	4.2	0.0	5.3	9.3
Coditank	341	71	468.7	193.2	41.4	6.3	0.0	0.0	2.8	9.4
Bezugsgrösse(n)	340	70	507.8	197.3	39.0	2.6	0.0	0.0	2.8	9.8
Versuchs-Mittel	339	69	513.8	197.7	38.6	7.0	2.6	0.5	4.4	9.7
VK [%]	5	6	8.8	9.2	4.6	215.0	276.1	494.9	127.1	5.5
KGD (5%)	11	2	28.1	11.2	1.1				3.8	0.3
KGD (1%)	15	3	37.0	14.8	1.4				5.0	0.4
Versuchs-Streu- FG Fehlerterm	18	4	45.2	18.1	1.8	15.0	7.2	2.6	5.6	0.5
Anz. Beob.	20	20	20.0	20.0	20.0	5.0	3.0	3.0	17.0	20.0
Anz. Orte	7	7	7.0	7.0	7.0	2.0	1.0	1.0	6.0	7.0
Minimum	310	65	445.5	181.0	36.1	0.0	0.0	0.0	0.8	9.2
Maximum	362	73	582.4	214.6	41.4	31.3	20.8	4.2	27.0	10.2

Sorten Bezeichnung	relat. Kolben hoehe %	Saat - weibl. Bluete Tage	Koerner ertrag dt TS/ha berechnet (NIR)	NEL MJ/kg	NEV MJ/kg	VOS- Ertrag dt/ha	Stärke- ertrag dt/ha
Geoxx	45	69	104.2	6.9	7.2	150.9	73.5
Colisee	46	67	103.2	6.9	7.3	136.2	68.9
LG 30.224	45	69	110.2	7.0	7.4	151.0	73.9
ES Albatros	48	70	106.5	7.0	7.3	149.3	72.8
P8025	47	69	106.9	6.8	7.2	146.8	72.0
SY Pracht	50	68	109.2	7.0	7.3	149.1	73.6
Juvento	45	67	108.5	7.0	7.4	148.7	72.7
Farmfire	48	70	105.2	7.1	7.4	154.1	76.3
SY Talisman	46	68	124.2	7.1	7.5	150.1	78.1
SL10271	45	70	92.6	6.9	7.2	144.5	68.6
Kolossalis	46	68	110.5	7.0	7.3	152.6	74.7
LZM264/30	45	69	102.3	7.0	7.3	149.3	71.1
LZM163/52	47	67	107.3	7.0	7.3	145.3	73.0
SM E0175	46	69	98.1	7.0	7.3	142.8	71.7
CSM3168	42	68	108.6	7.1	7.5	150.5	76.8
Genialis KWS	44	68	124.1	7.1	7.5	159.4	81.8
KXB4138	45	70	101.7	7.0	7.4	158.1	77.4
KXB4303	45	69	114.0	7.2	7.6	155.0	79.1
P8372	46	70	113.4	6.9	7.2	147.6	73.9
SC1153	45	70	120.0	7.3	7.8	157.2	83.4
SB1553	48	68	113.6	7.1	7.5	156.2	77.6
Tapas	44	69	104.7	7.0	7.3	150.4	72.2
EP2814	47	70	124.5	7.1	7.5	148.7	76.4
EP3463	45	71	125.8	7.1	7.5	157.9	79.1
ES Metronom	45	69	122.6	7.1	7.4	164.3	80.8
DSP42330	44	68	107.1	7.0	7.4	146.7	73.9
MAS 20.S	45	69	112.6	6.9	7.3	146.6	74.6
LG 30.218	47	68	116.5	7.0	7.3	141.3	70.8
Millesim	43	67	103.6	7.1	7.5	147.3	74.6
ES Tarock	47	68	106.9	7.1	7.5	151.3	72.1
Gottardo KWS	44	68	110.9	7.0	7.4	153.2	76.6
DKC 3531	44	69	118.8	7.2	7.6	156.8	79.5
LG 30.248	44	68	105.5	7.1	7.5	155.6	74.3
LG 30.215	48	67	109.1	7.1	7.4	143.3	73.4
P7631	42	67	112.5	7.3	7.7	141.5	74.0
DKC 3440	43	69	126.8	7.1	7.5	160.8	82.0
SY Amboss	49	70	111.5	7.0	7.4	156.4	77.3
P8200	48	68	113.1	7.0	7.3	148.2	75.1
Xxilo	45	69	99.9	6.8	7.1	151.1	73.3
Coditank	43	69	118.7	7.1	7.5	148.8	76.4
Bezugsgrösse(n)	45	68	109.3	7.0	7.4	149.9	73.3
Versuchs-Mittel	46	69	110.9	7.0	7.4	150.6	75.2
VK [%]	8	2	13.9	2.9	3.6	10.1	12.4
KGD (5%)	2	1	15.2	0.1	0.2	9.5	5.8
KGD (1%)	3	1	20.0	0.2	0.2	12.4	7.6
Versuchs-Streu- FG Fehlerterm	4	1	15.4	0.2	0.3	15.2	9.3
Anz. Beob.	18	12	8.0	20.0	20.0	20.0	20.0
Anz. Orte	6	4	3.0	7.0	7.0	7.0	7.0
Minimum	42	67	92.6	6.8	7.1	136.2	68.6
Maximum	50	71	126.8	7.3	7.8	164.3	83.4

3.2.6 Details

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
Geoxx	4.4 -----	6.7 -----	2.7 -----	5.7 -----	6.0 -----
Colisee	4.2 ----	7.3 -----	2.3 ----	5.7 -----	4.7 -
LG 30.224	4.4 -----	6.3 -----	2.3 ----	5.0 ----	6.0 -----
ES Albatros	4.6 -----	6.7 -----	3.3 -----	5.3 -----	6.0 -----
P8025	4.0 -	5.7 ---	2.0 ---	5.3 -----	5.7 -----
SY Pracht	4.1 ----	6.0 ----	2.0 ---	6.0 -----	6.0 -----
Juvento	4.3 -----	6.7 -----	3.0 -----	5.7 -----	6.0 -----
Farmfire	4.4 -----	7.0 -----	2.0 ---	5.7 -----	5.7 -----
SY Talisman	4.0 -	6.0 ----	1.3 -	5.7 -----	6.0 -----
SL10271	4.4 -----	6.0 ----	3.0 -----	6.3 -----	6.0 -----
Kolossalis	4.4 -----	6.3 -----	2.3 ----	5.7 -----	5.7 -----
LZM264/30	4.3 -----	5.7 ---	2.7 -----	5.3 -----	6.0 -----
LZM163/52	4.2 ----	7.3 -----	1.7 --	6.0 -----	6.0 -----
SM E0175	4.1 ----	6.7 -----	1.3 -	6.0 -----	5.5 ----
CSM3168	4.1 --	6.3 -----	2.0 ---	5.7 -----	5.3 ----
Genialis KWS	4.3 -----	6.3 -----	3.3 -----	5.0 ----	5.3 ----
KXB4138	4.5 -----	6.7 -----	2.7 -----	6.0 -----	6.0 -----
KXB4303	4.4 -----	6.7 -----	2.3 ----	5.7 -----	6.0 -----
P8372	4.1 ---	6.3 -----	2.0 ---	5.7 -----	5.7 -----
SC1153	4.6 -----	5.7 ---	4.0 -----	5.3 -----	5.7 -----
SB1553	4.2 ----	6.7 -----	2.0 ---	6.0 -----	6.0 -----
Tapas	4.2 ----	6.7 -----	1.3 -	6.0 -----	6.0 -----
EP2814	4.5 -----	6.0 ----	4.0 -----	5.0 ----	5.7 -----
EP3463	4.3 -----	5.7 ---	3.3 -----	5.0 ----	5.7 -----
ES Metronom	4.6 -----	6.3 -----	3.3 -----	6.0 -----	6.0 -----
DSP42330	4.0 -	6.7 -----	1.7 --	5.3 -----	6.0 -----
MAS 20.S	4.5 -----	6.7 -----	3.0 -----	5.3 -----	6.0 -----
LG 30.218	4.3 -----	5.7 ---	3.3 -----	5.0 ----	6.0 -----
Millesim	4.5 -----	7.0 -----	2.3 ----	5.3 -----	6.3 -----
ES Tarock	4.3 -----	6.3 -----	3.0 -----	5.7 -----	6.0 -----
Gottardo KWS	4.6 -----	7.0 -----	2.7 -----	6.3 -----	5.7 -----
DKC 3531	4.0 --	5.0 -	2.7 -----	4.3 -	5.7 -----
LG 30.248	4.4 -----	6.0 ----	2.7 -----	5.7 -----	6.0 -----
LG 30.215	4.3 -----	7.0 -----	2.7 -----	5.7 -----	6.0 -----
P7631	4.6 -----	7.3 -----	3.3 -----	5.0 ----	6.0 -----
DKC 3440	4.2 ----	5.0 -	3.7 -----	5.0 ----	5.7 -----
SY Amboss	4.4 -----	7.0 -----	2.0 ---	5.0 ----	6.0 -----
P8200	3.9 -	5.0 -	1.7 --	5.0 ----	6.0 -----
Xxilo	4.5 -----	7.0 -----	2.7 -----	6.0 -----	6.0 -----
Coditank	4.1 --	5.3 --	2.0 ---	5.3 -----	5.7 -----
-Bezugsgrösse(n)	4.3 -----	6.5 -----	2.7 -----	5.3 -----	6.0 -----
Versuchs-Mittel	4.3 -----	6.3 -----	2.5 -----	5.5 -----	5.8 -----
VK [%]	15.3	12.9	35.6	8.3	8.9
KGD (5%)	0.4	1.3	1.5	0.7	ns
KGD (1%)	ns	ns	ns	1.0	ns
Versuchs-Streuung	0.7	0.8	0.9	0.5	0.5
FG Fehlerterm	468.0	78.0	78.0	78.0	78.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	26.3	39	1.57 *	1.43	0.0184
Anbauorte	1931.0	5	895.97 ***	2.24	0.0000
WW Verf.*Anb.Orte	168.7	195	2.01 ***	1.21	0.0004
Fehler	201.7	468			
Insgesamt	2327.7	707			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	2.3 ----	3.0 ----
Colisee	2.0 ----	3.0 ----
LG 30.224	3.5 -----	3.3 -----
ES Albatros	2.2 ---	4.0 -----
P8025	2.5 -----	2.7 ---
SY Pracht	2.0 ----	2.8 ----
Juvento	1.7 --	2.5 --
Farmfire	2.8 -----	3.0 ----
SY Talisman	2.0 ----	2.8 ----
SL10271	1.7 --	3.2 -----
Kolossal	2.8 -----	3.3 -----
LZM264/30	2.8 -----	3.0 ----
LZM163/52	2.0 ----	2.3 -
SM E0175	2.0 ----	3.3 -----
CSM3168	2.2 ---	2.8 ----
Genialis KWS	3.3 -----	2.5 --
KXB4138	2.7 -----	3.0 ----
KXB4303	2.5 -----	3.0 ----
P8372	1.8 ---	3.0 ----
SC1153	3.3 -----	3.5 -----
SB1553	2.0 ----	2.3 -
Tapas	1.7 --	3.5 -----
EP2814	2.5 -----	3.8 -----
EP3463	3.0 -----	3.3 -----
ES Metronom	2.3 ----	3.3 -----
DSP42330	1.5 -	2.7 ---
MAS 20.S	2.3 ----	3.7 -----
LG 30.218	2.8 -----	2.8 ----
Millesim	3.0 -----	3.0 ----
ES Tarock	2.0 ----	2.8 ----
Gottardo KWS	2.5 -----	3.2 -----
DKC 3531	3.5 -----	3.0 ----
LG 30.248	3.0 -----	3.2 -----
LG 30.215	1.7 --	2.7 ---
P7631	2.7 -----	3.3 -----
DKC 3440	2.2 ----	3.5 -----
SY Amboss	3.2 -----	3.3 -----
P8200	2.7 -----	3.3 -----
Xxilo	1.3 -	3.8 -----
Coditank	2.5 -----	3.5 -----
-Bezugsgrösse(n)	2.6 -----	2.9 ----
Versuchs-Mittel	2.4 -----	3.1 -----
VK [%]	24.8	16.5
KGD (5%)	1.0	0.8
KGD (1%)	1.3	ns
Versuchs-Streuung	0.6	0.5
FG Fehlerterm	78.0	78.0
Anz. Beob.	3.0	3.0

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel	1567 Delley FR
Geoxx	4.0 -----	4.0 -----
Colisee	5.0 -----	5.0 -----
LG 30.224	5.0 -----	5.0 -----
ES Albatros	3.3 ---	3.3 ---
P8025	5.3 -----	5.3 -----
SY Pracht	3.0 ---	3.0 ---
Juvento	4.3 -----	4.3 -----
Farmfire	4.0 -----	4.0 -----
SY Talisman	3.3 ---	3.3 ---
SL10271	3.7 -----	3.7 -----
Kolossal	3.3 ---	3.3 ---
LZM264/30	2.0 -	2.0 -
LZM163/52	4.0 -----	4.0 -----
SM E0175	6.3 -----	6.3 -----
CSM3168	4.7 -----	4.7 -----
Genialis KWS	4.0 -----	4.0 -----
KXB4138	2.7 ---	2.7 ---
KXB4303	4.0 -----	4.0 -----
P8372	5.3 -----	5.3 -----
SC1153	3.7 -----	3.7 -----
SB1553	4.0 -----	4.0 -----
Tapas	5.3 -----	5.3 -----
EP2814	2.3 --	2.3 --
EP3463	1.7 -	1.7 -
ES Metronom	2.3 --	2.3 --
DSP42330	3.7 -----	3.7 -----
MAS 20.S	3.0 ---	3.0 ---
LG 30.218	5.3 -----	5.3 -----
Millesim	3.7 -----	3.7 -----
ES Tarock	3.7 -----	3.7 -----
Gottardo KWS	5.3 -----	5.3 -----
DKC 3531	2.3 --	2.3 --
LG 30.248	4.7 -----	4.7 -----
LG 30.215	4.3 -----	4.3 -----
P7631	5.7 -----	5.7 -----
DKC 3440	3.7 -----	3.7 -----
SY Amboss	4.0 -----	4.0 -----
P8200	4.3 -----	4.3 -----
Xxilo	2.7 ---	2.7 ---
Coditank	5.3 -----	5.3 -----
-Bezugsgrösse(n)	4.7 -----	4.7 -----
Versuchs-Mittel	4.0 -----	4.0 -----
VK [%]	33.9	33.9
KGD (5%)	2.2	2.2
KGD (1%)	2.9	2.9
Versuchs-Streuung	1.3	1.3
FG Fehlerterm	78.0	78.0
Anz. Beob.	3.0	3.0

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
Geox	230.7 -----	220.0 --	210.0 -----	268.3 -----	223.3 -----
Colisee	211.0 ----	230.0 ----	173.3 ---	230.0 -	215.0 ----
LG 30.224	209.3 ---	228.3 ----	181.7 ----	235.0 --	196.7 ---
ES Albatros	228.7 -----	240.0 -----	186.7 ----	266.7 -----	213.3 ----
P8025	218.7 ----	243.3 -----	181.7 ----	241.7 ---	196.7 ---
SY Pracht	217.7 ----	225.0 ----	195.0 -----	251.7 -----	198.3 ---
Juvento	211.0 ----	223.3 ---	165.0 --	246.7 ----	201.7 ----
Farmfire	210.0 ---	238.3 -----	166.7 --	243.3 ----	196.7 ---
SY Talisman	222.0 -----	230.0 ----	195.0 -----	258.3 -----	213.3 ----
SL10271	228.0 -----	233.3 ----	201.7 -----	266.7 -----	213.3 ----
Kolossalis	225.3 -----	241.7 -----	198.3 -----	256.7 -----	205.0 ----
LZM264/30	224.3 -----	223.3 ---	201.7 -----	246.7 ----	216.7 ----
LZM163/52	213.3 ----	238.3 -----	193.3 -----	233.3 --	196.7 ---
SM E0175	215.0 ----	231.7 ----	188.3 ----	240.0 ---	203.3 ----
CSM3168	221.0 ----	236.7 ----	191.7 ----	256.7 -----	206.7 ----
Genialis KWS	207.0 --	248.3 -----	158.3 -	226.7 -	193.3 --
KXB4138	224.0 -----	230.0 ----	213.3 -----	253.3 -----	196.7 ---
KXB4303	219.0 -----	235.0 -----	183.3 ----	248.3 ----	208.3 ----
P8372	232.0 -----	230.0 ----	208.3 -----	245.0 ----	240.0 -----
SC1153	206.7 --	226.7 ----	176.7 ----	233.3 --	193.3 --
SB1553	219.7 ----	245.0 -----	190.0 ----	246.7 ----	196.7 ---
Tapas	231.0 -----	226.7 ----	206.7 -----	265.0 -----	223.3 -----
EP2814	220.0 -----	240.0 -----	186.7 ----	241.7 ----	211.7 ----
EP3463	221.3 ----	236.7 ----	190.0 ----	241.7 ----	220.0 ----
ES Metronom	237.0 -----	243.3 -----	216.7 -----	266.7 -----	218.3 ----
DSP42330	218.7 ----	215.0 -	193.3 ----	248.3 ----	208.3 ----
MAS 20.S	226.3 -----	225.0 ----	191.7 ----	258.3 -----	218.3 -----
LG 30.218	200.3 -	216.7 -	165.0 --	230.0 -	186.7 -
Millesim	207.7 ---	245.0 -----	163.3 -	230.0 -	196.7 ---
ES Tarock	219.3 ----	231.7 ----	188.3 ----	251.7 ----	211.7 ----
Gottardo KWS	218.7 ----	235.0 ----	193.3 ----	243.3 ----	196.7 ---
DKC 3531	219.7 ----	236.7 ----	186.7 ----	250.0 ----	201.7 ----
LG 30.248	215.3 ----	233.3 ----	176.7 ----	245.0 ----	200.0 ----
LG 30.215	223.7 -----	223.3 ---	195.0 -----	260.0 -----	216.7 ----
P7631	207.0 --	230.0 ----	160.0 -	246.7 ----	183.3 -
DKC 3440	218.3 ----	220.0 --	191.7 ----	243.3 ----	213.3 ----
SY Amboss	222.3 -----	223.3 ---	203.3 -----	243.3 ----	221.7 -----
P8200	223.7 -----	228.3 ----	208.3 -----	245.0 ----	213.3 ----
Xxilo	232.3 -----	238.3 -----	195.0 -----	271.7 -----	240.0 -----
Coditank	211.3 ----	223.3 ---	183.3 ----	253.3 -----	200.0 ----
-Bezugsgrösse(n)	210.2 ---	225.8 ----	173.3 ---	240.8 ----	199.2 ---
Versuchs-Mittel	219.2 -----	231.8 -----	188.9 -----	248.3 -----	207.7 -----
VK [%]	5.3	4.7	6.7	4.7	4.5
KGD (5%)	8.4	17.8	20.7	18.9	15.2
KGD (1%)	11.0	ns	27.4	25.0	20.1
Versuchs-Streuung	11.7	10.9	12.7	11.6	9.3
FG Fehlerterm	390.0	78.0	78.0	78.0	78.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	40325.6	39	7.58 ***	1.43	0.0000
Anbauorte	246494.2	4	451.61 ***	2.40	0.0000
WW Verf.*Anb.Orte	41995.8	156	1.97 ***	1.24	0.0004
Fehler	53216.7	390			
Insgesamt	382032.3	589			

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	8566	
	Ellighausen TG	
Geoxx	231.7	-----
Colisee	206.7	---
LG 30.224	205.0	---
ES Albatros	236.7	-----
P8025	230.0	-----
SY Pracht	218.3	-----
Juvento	218.3	-----
Farmfire	205.0	---
SY Talisman	213.3	----
SL10271	225.0	-----
Kolossal	225.0	-----
LZM264/30	233.3	-----
LZM163/52	205.0	---
SM E0175	211.7	----
CSM3168	213.3	----
Genialis KWS	208.3	---
KXB4138	226.7	-----
KXB4303	220.0	-----
P8372	236.7	-----
SC1153	203.3	--
SB1553	220.0	-----
Tapas	233.3	-----
EP2814	220.0	-----
EP3463	218.3	-----
ES Metronom	240.0	-----
DSP42330	228.3	-----
MAS 20.S	238.3	-----
LG 30.218	203.3	--
Millesim	203.3	--
ES Tarock	213.3	----
Gottardo KWS	225.0	-----
DKC 3531	223.3	-----
LG 30.248	221.7	-----
LG 30.215	223.3	-----
P7631	215.0	-----
DKC 3440	223.3	-----
SY Amboss	220.0	-----
P8200	223.3	-----
Xxilo	216.7	-----
Coditank	196.7	-
-Bezugsgrösse(n)	211.7	----
Versuchs-Mittel	219.5	-----
VK [%]	6.1	
KGD (5%)	21.8	
KGD (1%)	28.9	
Versuchs-Streuung	13.4	
FG Fehlerterm	78.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
Geox	105.0 -----	110.0 -----	95.0 -----	116.7 -----	96.7 -----
Colisee	99.3 ----	105.0 -----	85.0 ---	108.3 -----	100.0 -----
LG 30.224	95.3 ---	95.0 ---	91.7 ----	113.3 -----	86.7 --
ES Albatros	111.3 -----	120.0 -----	95.0 -----	125.0 -----	103.3 -----
P8025	103.0 -----	106.7 -----	93.3 ----	118.3 -----	86.7 --
SY Pracht	110.7 -----	110.0 -----	110.0 -----	125.0 -----	101.7 -----
Juvento	97.0 ----	100.0 ----	86.7 ---	110.0 -----	88.3 ---
Farmfire	100.7 -----	101.7 -----	95.0 -----	115.0 -----	86.7 --
SY Talisman	103.0 -----	103.3 -----	101.7 -----	120.0 -----	98.3 -----
SL10271	104.7 -----	106.7 -----	98.3 -----	121.7 -----	96.7 -----
Kolossalis	105.7 -----	111.7 -----	101.7 -----	120.0 -----	93.3 -----
LZM264/30	102.3 -----	100.0 ----	98.3 -----	106.7 ----	93.3 -----
LZM163/52	100.3 -----	103.3 -----	101.7 -----	110.0 ----	93.3 -----
SM E0175	102.7 -----	103.3 -----	96.7 -----	118.3 -----	96.7 -----
CSM3168	95.7 ---	88.3 -	98.3 -----	108.3 ----	90.0 ----
Genialis KWS	93.3 ---	95.0 ---	88.3 ----	108.3 ----	81.7 -
KXB4138	102.0 -----	103.3 -----	103.3 -----	106.7 ----	93.3 -----
KXB4303	99.3 -----	101.7 -----	93.3 -----	111.7 -----	86.7 --
P8372	107.0 -----	116.7 -----	95.0 -----	111.7 -----	96.7 -----
SC1153	95.7 ---	91.7 --	96.7 -----	110.0 ----	85.0 --
SB1553	107.7 -----	108.3 -----	106.7 -----	123.3 -----	96.7 -----
Tapas	104.3 -----	98.3 ----	98.3 -----	120.0 -----	96.7 -----
EP2814	103.0 -----	101.7 -----	100.0 -----	118.3 -----	88.3 ---
EP3463	101.3 -----	95.0 ---	95.0 -----	120.0 -----	93.3 -----
ES Metronom	110.0 -----	110.0 -----	108.3 -----	121.7 -----	96.7 -----
DSP42330	99.7 -----	90.0 -	101.7 -----	108.3 ----	96.7 -----
MAS 20.S	105.3 -----	108.3 -----	93.3 ----	121.7 -----	93.3 -----
LG 30.218	95.0 ---	93.3 --	90.0 ----	111.7 -----	83.3 -
Millesim	89.3 -	88.3 -	85.0 ---	96.7 -	86.7 --
ES Tarock	103.7 -----	101.7 -----	93.3 -----	123.3 -----	95.0 -----
Gottardo KWS	97.7 -----	100.0 -----	91.7 -----	113.3 -----	90.0 -----
DKC 3531	99.7 -----	101.7 -----	90.0 ----	115.0 -----	86.7 --
LG 30.248	95.3 ----	91.7 --	86.7 ---	110.0 ----	85.0 --
LG 30.215	108.3 -----	105.0 -----	101.7 -----	125.0 -----	110.0 -----
P7631	88.3 -	88.3 -	78.3 -	103.3 ---	81.7 -
DKC 3440	98.0 -----	98.3 -----	88.3 ----	105.0 ----	95.0 -----
SY Amboss	109.0 -----	111.7 -----	106.7 -----	115.0 -----	106.7 -----
P8200	106.3 -----	106.7 -----	110.0 -----	115.0 -----	93.3 -----
Xxilo	106.7 -----	113.3 -----	91.7 -----	121.7 -----	103.3 -----
Coditank	91.3 --	93.3 --	91.7 -----	96.7 -	85.0 --
-Bezugsgrösse(n)	96.2 ----	97.5 ---	89.2 ----	111.7 -----	87.5 ---
Versuchs-Mittel	101.4 -----	102.0 -----	95.8 -----	114.3 -----	93.0 -----
VK [%]	8.0	7.5	6.7	7.2	8.2
KGD (5%)	5.8	12.4	10.4	13.3	12.4
KGD (1%)	7.6	16.5	13.8	17.7	16.5
Versuchs-Streuung	8.1	7.6	6.4	8.2	7.7
FG Fehlerterm	390.0	78.0	78.0	78.0	78.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	19389.8	39	7.65 ***	1.43	0.0000
Anbauorte	32135.3	4	123.69 ***	2.40	0.0000
WW Verf.*Anb.Orte	11731.4	156	1.16 ns	1.24	
Fehler	25331.3	390			
Insgesamt	88587.8	589			

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

Verfahren	8566	
	Ellighausen TG	
Geoxx	106.7	-----
Colisee	98.3	----
LG 30.224	90.0	-
ES Albatros	113.3	-----
P8025	110.0	-----
SY Pracht	106.7	-----
Juvento	100.0	----
Farmfire	105.0	-----
SY Talisman	91.7	-
SL10271	100.0	----
Kolossalis	101.7	----
LZM264/30	113.3	-----
LZM163/52	93.3	--
SM E0175	98.3	----
CSM3168	93.3	--
Genialis KWS	93.3	--
KXB4138	103.3	-----
KXB4303	103.3	-----
P8372	115.0	-----
SC1153	95.0	---
SB1553	103.3	-----
Tapas	108.3	-----
EP2814	106.7	-----
EP3463	103.3	-----
ES Metronom	113.3	-----
DSP42330	101.7	----
MAS 20.S	110.0	-----
LG 30.218	96.7	---
Millesim	90.0	-
ES Tarock	105.0	-----
Gottardo KWS	93.3	--
DKC 3531	105.0	-----
LG 30.248	103.3	-----
LG 30.215	100.0	----
P7631	90.0	-
DKC 3440	103.3	-----
SY Amboss	105.0	-----
P8200	106.7	-----
Xxilo	103.3	-----
Coditank	90.0	-
-Bezugsgrösse(n)	95.0	---
Versuchs-Mittel	101.8	-----
VK [%]	9.8	
KGD (5%)	ns	
KGD (1%)	ns	
Versuchs-Streuung	10.0	
FG Fehlerterm	78.0	
Anz. Beob.	3.0	

Green snapping [note]

Verfahren	Seriemittel	1567 Delley FR
Geoxx	1.0 -	1.0 -
Colisee	1.7 --	1.7 --
LG 30.224	1.0 -	1.0 -
ES Albatros	1.0 -	1.0 -
P8025	1.3 -	1.3 -
SY Pracht	1.7 --	1.7 --
Juvento	1.3 -	1.3 -
Farmfire	1.3 -	1.3 -
SY Talisman	1.0 -	1.0 -
SL10271	1.0 -	1.0 -
Kolossal	1.3 -	1.3 -
LZM264/30	1.0 -	1.0 -
LZM163/52	1.0 -	1.0 -
SM E0175	6.7 -----	6.7 -----
CSM3168	3.0 ----	3.0 ----
Genialis KWS	1.3 -	1.3 -
KXB4138	1.0 -	1.0 -
KXB4303	1.0 -	1.0 -
P8372	2.0 --	2.0 --
SC1153	1.0 -	1.0 -
SB1553	1.0 -	1.0 -
Tapas	3.7 -----	3.7 -----
EP2814	1.0 -	1.0 -
EP3463	1.0 -	1.0 -
ES Metronom	1.7 --	1.7 --
DSP42330	1.7 --	1.7 --
MAS 20.S	1.0 -	1.0 -
LG 30.218	1.0 -	1.0 -
Millesim	1.3 -	1.3 -
ES Tarock	1.0 -	1.0 -
Gottardo KWS	3.3 -----	3.3 -----
DKC 3531	1.0 -	1.0 -
LG 30.248	1.0 -	1.0 -
LG 30.215	1.0 -	1.0 -
P7631	2.0 --	2.0 --
DKC 3440	1.0 -	1.0 -
SY Amboss	1.0 -	1.0 -
P8200	1.3 -	1.3 -
Xxilo	1.0 -	1.0 -
Coditank	1.3 -	1.3 -
-Bezugsgrösse(n)	1.2 -	1.2 -
Versuchs-Mittel	1.5 -	1.5 -
VK [%]	63.3	63.3
KGD (5%)	1.5	1.5
KGD (1%)	2.0	2.0
Versuchs-Streuung	0.9	0.9
FG Fehlerterm	78.0	78.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel		1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
Geox	745.1	-	715.7	739.7	745.3	763.5
Colisee	751.3	---	744.3	749.3	741.3	792.0
LG 30.224	760.4	-----	719.7	753.3	769.7	796.4
ES Albatros	754.0	---	717.3	744.0	744.7	786.5
P8025	742.9	-	680.0	724.0	757.3	765.9
SY Pracht	753.5	---	739.7	755.7	753.3	773.3
Juvento	757.5	---	772.0	741.0	760.7	759.2
Farmfire	761.4	-----	773.0	752.0	747.3	778.5
SY Talisman	766.2	-----	757.7	762.3	775.0	787.1
SL10271	744.0	-	719.0	741.7	754.0	753.7
Kolossalis	757.0	----	730.0	755.3	742.7	785.0
LZM264/30	756.1	----	740.7	757.7	754.0	779.5
LZM163/52	755.7	----	734.0	748.0	753.7	789.6
SM E0175	754.0	---	741.0	760.0	769.0	745.0
CSM3168	766.2	-----	745.7	766.3	772.7	806.7
Genialis KWS	769.6	-----	745.7	761.0	779.0	808.9
KXB4138	760.7	-----	756.7	747.0	753.0	773.2
KXB4303	771.2	-----	767.0	762.0	779.7	788.6
P8372	747.7	--	735.0	733.0	741.7	795.1
SC1153	784.2	-----	788.7	766.0	794.7	803.3
SB1553	764.0	-----	730.7	775.3	753.3	806.3
Tapas	754.4	---	726.0	737.0	764.3	763.1
EP2814	766.7	-----	752.0	751.3	741.7	792.8
EP3463	763.8	-----	725.3	748.7	787.7	807.9
ES Metronom	763.8	-----	744.3	741.3	768.0	784.8
DSP42330	757.4	----	753.3	735.7	771.0	769.9
MAS 20.S	751.9	---	727.0	739.3	759.7	787.0
LG 30.218	755.0	----	694.0	760.7	756.3	803.7
Millesim	768.2	-----	736.0	766.7	776.0	795.1
ES Tarock	764.7	-----	724.7	779.7	776.0	791.8
Gottardo KWS	761.4	-----	724.3	762.0	786.7	779.8
DKC 3531	773.4	-----	747.3	772.0	762.0	799.0
LG 30.248	765.5	-----	733.0	754.7	772.0	779.2
LG 30.215	762.8	-----	763.3	742.3	747.3	775.5
P7631	779.8	-----	772.0	783.0	780.3	794.0
DKC 3440	768.9	-----	737.7	773.0	781.3	789.3
SY Amboss	758.7	----	736.3	747.3	755.0	791.9
P8200	754.9	----	750.0	738.7	772.3	761.5
Xxilo	743.3	-	737.7	723.7	746.0	750.1
Coditank	766.3	-----	731.7	789.7	789.0	772.5
-Bezugsgrösse(n)	759.0	----	745.8	747.2	765.2	777.8
Versuchs-Mittel	760.1	-----	739.2	753.5	763.4	783.1
VK [%]	2.4		3.8	1.9	2.7	2.2
KGD (5%)	11.3		45.2	22.8	33.3	28.1
KGD (1%)	14.8		ns	30.2	ns	37.3
Versuchs-Streuung	18.1		27.8	14.0	20.5	17.3
FG Fehlerterm	507.0		78.0	78.0	78.0	78.0
Anz. Beob.	20.0		3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	67651.1	39	5.28 ***	1.42	0.0000
Anbauorte	155782.4	6	78.97 ***	2.12	0.0000
WW Verf.*Anb.Orte	115122.4	234	1.50 ns	1.20	
Fehler	166699.0	507			
Insgesamt	505254.9	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	768.2 -----	727.8 --	755.3 ---
Colisee	754.7 -----	719.7 -	758.0 ----
LG 30.224	761.7 -----	752.0 -----	770.3 -----
ES Albatros	790.2 -----	736.8 ----	758.7 ----
P8025	779.2 -----	736.7 ----	757.3 ----
SY Pracht	762.4 -----	736.4 ----	754.0 ---
Juvento	758.4 -----	748.9 -----	762.3 -----
Farmfire	760.6 -----	745.0 -----	773.7 -----
SY Talisman	773.2 -----	752.1 -----	756.0 ----
SL10271	755.7 -----	723.7 -	760.3 ----
Kolossal	768.1 -----	751.2 -----	766.7 -----
LZM264/30	768.9 -----	738.4 ----	753.7 ---
LZM163/52	760.3 -----	761.7 -----	743.0 -
SM E0175	755.3 -----	744.2 -----	763.7 -----
CSM3168	774.7 -----	747.1 -----	750.3 --
Genialis KWS	772.9 -----	755.0 -----	764.7 -----
KXB4138	757.2 -----	760.9 -----	776.7 -----
KXB4303	776.0 -----	749.3 -----	776.0 -----
P8372	730.3 -	742.2 -----	756.7 ----
SC1153	789.3 -----	765.2 -----	782.3 -----
SB1553	779.6 -----	729.4 ---	773.5 -----
Tapas	770.3 -----	752.1 -----	768.3 -----
EP2814	782.8 -----	768.7 -----	777.3 -----
EP3463	764.3 -----	732.7 ---	780.0 -----
ES Metronom	789.8 -----	751.1 -----	767.0 ----
DSP42330	777.7 -----	727.6 --	766.3 -----
MAS 20.S	750.7 ----	742.7 -----	757.0 ----
LG 30.218	773.4 -----	747.7 -----	749.0 --
Millesim	784.0 -----	744.1 -----	775.7 -----
ES Tarock	772.9 -----	745.5 -----	762.7 ----
Gottardo KWS	759.2 -----	750.9 -----	766.7 -----
DKC 3531	783.6 -----	768.8 -----	781.0 -----
LG 30.248	788.7 -----	755.7 -----	775.3 -----
LG 30.215	782.2 -----	761.7 -----	767.0 ----
P7631	784.8 -----	765.9 -----	778.3 -----
DKC 3440	783.7 -----	737.1 ----	780.0 -----
SY Amboss	744.8 ---	754.0 -----	781.7 -----
P8200	771.3 -----	730.0 ---	760.7 ----
Xxilo	762.0 -----	720.6 -	763.3 ----
Coditank	756.9 -----	737.6 ----	786.7 -----
-Bezugsgrösse(n)	760.1 -----	750.4 -----	766.3 -----
Versuchs-Mittel	769.5 -----	745.5 -----	766.4 -----
VK [%]	1.8	1.8	1.7
KGD (5%)	28.8	21.3	21.5
KGD (1%)	ns	28.3	28.5
Versuchs-Streuung	14.2	13.1	13.2
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	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	
Geox	362.5	--	358.9	-----	359.2	---	357.3	-	350.3	--
Colisee	379.8	-----	383.3	-----	368.8	----	359.3	-	428.7	-----
LG 30.224	371.1	----	321.7	--	354.9	--	405.9	-----	428.3	-----
ES Albatros	366.4	---	326.3	---	344.1	-	365.6	--	411.7	-----
P8025	363.6	--	307.5	-	347.2	-	392.5	-----	372.7	----
SY Pracht	371.3	----	368.9	-----	357.6	---	382.0	----	380.7	----
Juvento	368.8	---	401.9	-----	363.1	----	363.3	--	341.7	-
Farmfire	375.8	----	398.7	-----	365.1	----	360.4	--	407.7	-----
SY Talisman	398.1	-----	391.4	-----	383.4	-----	398.6	-----	426.7	-----
SL10271	352.4	-	331.7	---	357.2	---	376.2	----	346.3	--
Kolossalis	370.4	---	347.7	----	359.3	---	355.6	-	408.0	-----
LZM264/30	359.8	--	369.2	-----	353.3	--	352.3	-	397.0	-----
LZM163/52	379.3	-----	372.9	-----	371.7	-----	382.1	----	413.7	-----
SM E0175	375.2	----	373.3	-----	385.6	-----	383.9	-----	333.7	-
CSM3168	390.7	-----	378.3	-----	388.5	-----	396.4	-----	452.3	-----
Genialis KWS	393.6	-----	372.2	-----	367.7	----	402.9	-----	451.3	-----
KXB4138	373.1	----	383.4	-----	372.1	----	377.8	----	365.0	---
KXB4303	393.3	-----	386.8	-----	384.3	-----	401.7	-----	410.3	-----
P8372	375.0	----	375.6	-----	347.7	--	370.5	---	437.7	-----
SC1153	415.3	-----	418.1	-----	391.2	-----	431.0	-----	456.0	-----
SB1553	380.1	-----	343.5	----	384.2	-----	381.8	----	432.0	-----
Tapas	359.7	--	341.4	----	340.7	-	371.0	---	339.3	-
EP2814	392.1	-----	381.7	-----	354.9	--	362.9	--	436.3	-----
EP3463	381.7	----	331.5	---	357.7	---	388.8	----	459.3	-----
ES Metronom	375.7	----	376.0	-----	346.8	-	383.4	-----	399.7	-----
DSP42330	379.1	----	388.0	-----	354.8	--	383.3	-----	366.0	---
MAS 20.S	382.5	----	368.7	-----	377.2	----	385.5	-----	414.7	-----
LG 30.218	377.2	-----	312.9	--	386.3	-----	380.8	----	445.7	-----
Millesim	388.4	-----	373.8	-----	391.7	-----	385.6	-----	426.7	-----
ES Tarock	361.4	--	301.8	-	383.2	-----	379.3	----	401.0	-----
Gottardo KWS	381.4	-----	355.7	----	376.7	-----	404.3	-----	416.0	-----
DKC 3531	391.7	-----	385.8	-----	385.2	-----	375.0	---	443.3	-----
LG 30.248	365.0	---	358.6	----	368.9	----	361.0	--	380.7	----
LG 30.215	389.5	-----	414.6	-----	377.7	-----	360.1	--	384.0	----
P7631	407.1	-----	404.3	-----	409.3	-----	387.9	-----	444.7	-----
DKC 3440	392.7	-----	377.6	-----	388.7	-----	396.5	-----	425.3	-----
SY Amboss	374.9	----	364.2	-----	376.8	-----	379.8	----	427.0	-----
P8200	381.1	-----	396.0	-----	354.8	--	402.2	-----	386.3	----
Xxilo	360.1	--	379.8	-----	363.1	----	377.6	----	345.0	--
Coditank	393.0	-----	369.7	-----	415.6	-----	407.8	-----	414.7	-----
-Bezugsgrösse(n)	370.0	---	361.8	-----	359.0	---	384.6	-----	385.0	-----
Versuchs-Mittel	378.8	-----	367.3	-----	370.4	-----	381.8	----	405.2	-----
VK [%]	6.6		8.7		3.9		6.5		9.1	
KGD (5%)	15.6		52.1		23.6		ns		59.9	
KGD (1%)	20.6		69.1		31.3		ns		79.4	
Versuchs-Streuung	25.2		32.1		14.5		24.8		36.8	
FG Fehlerterm	507.0		78.0		78.0		78.0		78.0	
Anz. Beob.	20.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	147334.4	39	5.96	***	1.42	0.0000
Anbauorte	264888.6	6	69.68	***	2.12	0.0000
WW Verf.*Anb.Orte	258358.0	234	1.74	***	1.20	0.0007
Fehler	321244.0	507				
Insgesamt	991824.9	786				

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	365.5 ----	344.3 ----	401.8 -----
Colisee	365.5 ----	346.7 ----	406.3 -----
LG 30.224	347.0 --	338.3 ----	401.5 -----
ES Albatros	386.5 -----	336.3 ----	394.5 ----
P8025	380.0 -----	341.7 ----	403.5 -----
SY Pracht	363.0 ----	355.0 -----	392.1 ----
Juvento	371.5 -----	342.0 ----	398.3 ----
Farmfire	353.5 ---	332.0 ---	413.5 -----
SY Talisman	406.0 -----	375.7 -----	405.3 -----
SL10271	350.5 --	310.7 -	394.1 ----
Kolossal	361.5 ---	357.7 -----	402.8 -----
LZM264/30	340.0 -	321.0 --	386.0 ---
LZM163/52	356.5 ---	361.0 -----	397.2 ----
SM E0175	364.0 ----	365.0 -----	421.0 -----
CSM3168	376.0 ----	337.0 ----	406.2 -----
Genialis KWS	396.5 -----	350.7 ----	414.2 -----
KXB4138	356.5 ---	348.0 ----	409.0 -----
KXB4303	394.0 -----	365.0 -----	410.8 -----
P8372	342.0 -	354.0 ----	397.5 ----
SC1153	401.0 -----	384.7 -----	425.4 -----
SB1553	363.5 ----	346.7 ----	408.9 -----
Tapas	381.0 -----	348.3 ----	396.1 ----
EP2814	412.5 -----	386.3 -----	409.9 -----
EP3463	384.0 ----	337.7 ----	413.2 -----
ES Metronom	378.5 ----	346.0 ----	399.3 ----
DSP42330	423.0 -----	349.7 ----	389.1 ---
MAS 20.S	379.0 ----	348.0 ----	404.7 ----
LG 30.218	393.5 -----	343.7 ----	377.4 -
Millesim	394.0 -----	342.0 ----	405.1 -----
ES Tarock	368.0 ----	320.0 --	376.5 -
Gottardo KWS	347.0 --	364.0 -----	405.8 -----
DKC 3531	385.5 -----	362.7 ----	404.3 ----
LG 30.248	375.5 ----	321.3 --	388.9 ---
LG 30.215	409.0 -----	372.0 -----	409.4 -----
P7631	402.5 -----	386.7 -----	414.7 -----
DKC 3440	395.5 -----	368.3 -----	397.1 ----
SY Amboss	337.0 -	339.7 ----	399.9 ----
P8200	396.5 -----	343.3 ----	388.8 ---
Xxilo	339.0 -	328.0 ---	387.9 ---
Coditank	389.5 -----	345.0 ----	408.8 -----
-Bezugsgrösse(n)	359.3 ---	340.2 ----	399.9 -----
Versuchs-Mittel	375.8 -----	349.2 -----	401.7 -----
VK [%]	6.9	5.4	3.6
KGD (5%)	ns	30.9	23.5
KGD (1%)	ns	41.0	ns
Versuchs-Streuung	26.1	19.0	14.4
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	3.0	3.0

Pourcentage des grains estimé NIRS [% dans MS] / Körneranteil geschätzt NIRS [% in TS]

Verfahren	Seriemittel	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
Geoxx	50.4 ---	46.3 --	53.0 ---	52.0 -----
Colisee	55.2 -----	58.0 -----	55.0 ---	52.7 -----
LG 30.224	54.5 -----	59.3 -----	53.5 ---	50.7 -----
ES Albatros	53.8 ----	57.3 -----	56.0 ----	48.0 ---
P8025	52.9 ----	53.7 ----	55.5 ----	49.7 ----
SY Pracht	56.2 -----	54.0 ----	57.0 -----	57.7 -----
Juvento	51.1 ---	44.0 -	61.5 -----	47.7 ---
Farmfire	53.1 ----	56.3 -----	54.5 ----	48.3 ---
SY Talisman	61.2 -----	62.3 -----	65.0 -----	56.3 -----
SL10271	47.0 -	48.0 --	50.0 -	43.0 -
Kolossal	52.8 ----	55.7 -----	51.0 --	51.7 -----
LZM264/30	50.5 ---	54.7 -----	50.5 --	46.3 ---
LZM163/52	55.8 -----	60.3 -----	55.0 ----	52.0 -----
SM E0175	51.8 ----	46.7 --	55.5 ----	53.3 -----
CSM3168	56.3 -----	64.0 -----	56.5 ----	48.3 ---
Genialis KWS	55.8 -----	62.3 -----	56.5 ----	48.7 ---
KXB4138	49.7 --	48.3 ---	52.0 --	48.7 ---
KXB4303	56.6 -----	56.3 -----	58.0 -----	55.3 -----
P8372	57.5 -----	63.0 -----	55.5 ----	54.0 -----
SC1153	60.8 -----	65.3 -----	60.0 -----	57.0 -----
SB1553	56.2 -----	59.7 -----	52.5 ---	56.3 -----
Tapas	51.4 ---	46.7 --	55.5 ----	52.0 -----
EP2814	62.2 -----	63.3 -----	64.5 -----	58.7 -----
EP3463	59.1 -----	65.0 -----	57.5 ----	54.7 -----
ES Metronom	52.6 ----	55.3 ----	52.5 ---	50.0 ----
DSP42330	57.1 -----	51.7 ---	64.0 -----	55.7 -----
MAS 20.S	56.7 -----	58.7 -----	60.0 -----	51.3 -----
LG 30.218	58.9 -----	64.7 -----	61.0 -----	51.0 -----
Millesim	53.7 ----	58.3 -----	55.5 ----	47.3 ---
ES Tarock	50.2 ---	56.0 ----	52.0 --	42.7 -
Gottardo KWS	54.7 -----	59.7 -----	51.5 --	53.0 -----
DKC 3531	57.1 -----	61.3 -----	57.5 -----	52.3 -----
LG 30.248	50.9 ---	52.7 ----	54.0 ----	46.0 ---
LG 30.215	56.0 -----	54.0 ----	62.0 -----	52.0 -----
P7631	59.4 -----	63.3 -----	59.0 ----	56.0 -----
DKC 3440	58.6 -----	59.7 -----	58.5 -----	57.7 -----
SY Amboss	52.2 ----	58.7 -----	51.0 --	47.0 ---
P8200	57.1 -----	56.0 ----	61.0 -----	54.3 -----
Xxilo	48.9 --	48.3 ---	49.0 -	49.3 ----
Coditank	59.6 -----	61.0 -----	65.0 -----	52.7 -----
-Bezugsgrösse(n)	52.8 ----	51.7 ----	57.5 -----	49.2 ----
Versuchs-Mittel	54.9 -----	56.8 -----	56.4 -----	51.5 -----
VK [%]	9.7	9.2	9.3	10.5
KGD (5%)	5.2	8.5	ns	8.8
KGD (1%)	6.9	11.2	ns	ns
Versuchs-Streuung	5.3	5.2	5.2	5.4
FG Fehlerterm	195.0	78.0	39.0	78.0
Anz. Beob.	8.0	3.0	2.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	4147.6	39	3.79 ***	1.46	0.0000
Anbauorte	1806.1	2	32.15 ***	3.04	0.0000
WW Verf.*Anb.Orte	2926.5	78	1.34 ns	1.35	0.0568
Fehler	5476.6	195			
Insgesamt	14356.7	314			

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
Geox	156.9	181.0	161.6	152.8	156.7
Colisee	151.8	161.7	157.5	149.4	146.7
LG 30.224	149.3	176.5	157.5	132.3	149.3
ES Albatros	154.0	176.7	158.6	151.6	162.0
P8025	159.3	196.9	171.6	140.7	165.7
SY Pracht	152.4	164.0	156.7	142.9	168.0
Juvento	145.3	147.7	157.5	136.5	167.7
Farmfire	148.7	143.7	156.6	149.0	159.7
SY Talisman	146.5	153.4	148.1	139.8	159.0
SL10271	154.4	177.8	147.9	133.4	181.0
Kolossalis	152.9	171.7	155.6	148.2	159.0
LZM264/30	153.9	163.6	145.9	145.0	165.7
LZM163/52	150.7	167.6	154.9	146.0	155.7
SM E0175	149.7	164.8	148.1	130.0	170.3
CSM3168	145.2	162.2	146.1	135.0	145.7
Genialis KWS	142.5	162.0	154.2	126.5	132.3
KXB4138	145.5	155.0	153.7	141.3	152.7
KXB4303	140.4	153.8	148.0	131.9	152.3
P8372	155.1	169.0	164.0	144.3	149.3
SC1153	134.3	146.3	138.7	118.5	138.3
SB1553	144.2	162.6	141.6	141.2	133.7
Tapas	150.2	171.0	154.5	137.2	169.7
EP2814	145.6	160.1	155.5	152.5	148.3
EP3463	149.3	170.9	155.2	136.2	142.3
ES Metronom	149.8	164.9	157.4	134.9	161.7
DSP42330	149.4	157.6	162.3	133.6	167.7
MAS 20.S	159.0	170.3	162.3	153.9	159.7
LG 30.218	154.6	194.4	153.0	146.2	146.7
Millesim	144.1	164.5	143.8	135.2	149.7
ES Tarock	146.1	171.2	144.7	130.7	151.7
Gottardo KWS	154.8	174.1	154.6	143.4	162.0
DKC 3531	144.2	159.7	145.8	149.9	143.7
LG 30.248	148.5	165.5	154.3	132.9	162.0
LG 30.215	150.8	155.7	156.8	150.6	162.7
P7631	138.4	148.7	138.2	134.7	148.3
DKC 3440	150.9	168.1	150.9	143.7	156.7
SY Amboss	156.3	165.7	159.6	147.9	157.7
P8200	153.0	157.6	163.4	139.8	178.3
Xxilo	160.3	164.2	162.4	151.7	185.0
Coditank	149.1	171.5	137.2	134.7	162.0
-Bezugsgrösse(n)	147.3	162.1	157.5	134.4	158.5
Versuchs-Mittel	149.7	165.3	153.4	140.6	157.2
VK [%]	6.7	7.7	4.8	7.3	8.3
KGD (5%)	6.2	20.6	12.0	16.8	21.1
KGD (1%)	8.2	27.4	15.9	22.2	28.0
Versuchs-Streuung	10.0	12.7	7.4	10.3	13.0
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	25048.9	39	6.39 ***	1.42	0.0000
Anbauorte	105455.9	6	174.93 ***	2.12	0.0000
WW Verf.*Anb.Orte	38948.9	234	1.66 ***	1.20	0.0009
Fehler	50940.3	507			
Insgesamt	220394.0	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	161.0 -----	155.0 -----	130.3 -----
Colisee	160.5 -----	157.0 -----	130.0 -----
LG 30.224	158.0 ----	147.0 ----	124.8 ----
ES Albatros	145.5 --	156.0 -----	127.6 ----
P8025	153.0 ---	155.0 -----	131.8 -----
SY Pracht	160.0 -----	149.3 -----	126.0 ----
Juvento	142.5 --	140.3 ---	125.0 ----
Farmfire	157.5 ----	149.0 -----	125.3 ----
SY Talisman	150.5 ---	144.0 ----	130.7 -----
SL10271	160.5 -----	153.0 -----	127.0 -----
Kolossal	165.5 -----	145.0 ----	125.4 ----
LZM264/30	162.0 -----	166.0 -----	129.4 -----
LZM163/52	152.5 ----	144.7 ----	133.4 -----
SM E0175	160.0 -----	150.3 -----	124.5 ----
CSM3168	149.0 ---	149.7 -----	129.0 -----
Genialis KWS	146.5 --	152.3 -----	123.4 ----
KXB4138	156.0 ----	137.0 --	122.6 ----
KXB4303	142.5 --	132.7 -	121.8 ----
P8372	182.0 -----	147.3 -----	129.5 -----
SC1153	147.5 ---	137.0 --	113.9 -
SB1553	150.5 ---	154.7 -----	125.1 ----
Tapas	154.5 ----	142.7 ----	121.7 ----
EP2814	146.0 --	134.3 -	122.2 ----
EP3463	160.5 -----	158.0 -----	121.7 ----
ES Metronom	143.0 --	156.0 -----	130.8 -----
DSP42330	146.5 --	146.7 ----	131.7 -----
MAS 20.S	179.0 -----	156.0 -----	131.7 -----
LG 30.218	150.0 ---	153.0 -----	139.0 -----
Millesim	142.0 -	144.3 ----	129.1 -----
ES Tarock	144.0 --	149.3 -----	131.4 -----
Gottardo KWS	165.5 -----	153.0 -----	131.1 -----
DKC 3531	147.0 ---	139.3 ---	124.1 ----
LG 30.248	150.5 ---	149.3 -----	124.9 ----
LG 30.215	148.0 ---	155.3 -----	126.4 ----
P7631	138.5 -	139.7 ---	120.7 ---
DKC 3440	152.5 ----	155.3 -----	128.9 -----
SY Amboss	175.0 -----	159.0 -----	129.3 -----
P8200	152.0 ----	150.0 -----	129.9 -----
Xxilo	162.0 -----	163.3 -----	133.2 -----
Coditank	156.5 ----	156.7 -----	125.1 ----
-Bezugsgrösse(n)	150.3 ---	143.7 ----	124.9 -----
Versuchs-Mittel	154.4 ----	149.6 -----	127.2 -----
VK [%]	5.9	6.2	4.7
KGD (5%)	18.5	15.0	9.7
KGD (1%)	24.8	19.9	ns
Versuchs-Streuung	9.2	9.3	6.0
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	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
Geox	350.3 -----	356.9 -----	348.1 -----	326.1 -----	356.7 -----
Colisee	344.4 -----	338.3 ----	339.1 -----	354.9 -----	320.7 ---
LG 30.224	343.6 -----	378.0 -----	353.8 -----	323.7 -----	320.3 ---
ES Albatros	343.2 -----	377.7 -----	353.3 -----	332.6 -----	337.3 ----
P8025	350.9 -----	388.6 -----	366.1 -----	323.4 ----	352.3 ----
SY Pracht	352.3 -----	346.5 ----	356.5 -----	338.9 -----	370.3 -----
Juvento	336.9 -----	316.2 --	345.1 -----	308.0 ----	377.0 -----
Farmfire	337.9 -----	323.9 ---	343.9 -----	317.4 -----	348.3 -----
SY Talisman	333.1 ----	331.6 ----	339.3 -----	315.3 ----	335.7 ----
SL10271	354.4 -----	367.1 -----	348.8 -----	320.2 -----	380.3 -----
Kolossalis	345.7 -----	349.9 -----	347.7 -----	335.9 -----	342.0 ----
LZM264/30	353.7 -----	354.5 -----	348.1 -----	336.5 -----	357.0 -----
LZM163/52	341.4 -----	353.1 -----	351.1 -----	335.3 -----	325.0 ----
SM E0175	339.0 -----	339.7 ----	323.7 ---	313.8 ----	378.7 -----
CSM3168	331.0 ----	338.6 ----	324.1 ---	320.5 ----	311.7 --
Genialis KWS	329.1 ----	339.4 ----	349.8 -----	288.4 --	305.7 --
KXB4138	337.8 -----	333.4 ----	345.6 -----	323.2 -----	354.7 -----
KXB4303	326.0 ----	325.0 ---	332.0 ----	296.8 ---	339.0 ----
P8372	343.2 -----	344.6 ----	355.3 -----	311.9 ----	319.3 ---
SC1153	309.8 -	306.0 -	334.2 ----	278.8 -	296.7 -
SB1553	336.1 -----	340.9 -----	338.8 -----	328.5 -----	318.0 ---
Tapas	342.3 -----	345.7 -----	348.8 -----	316.2 -----	373.3 -----
EP2814	326.8 ----	331.0 ----	342.7 -----	331.0 -----	322.0 ---
EP3463	335.8 -----	350.1 -----	341.7 -----	317.2 -----	305.7 --
ES Metronom	338.3 -----	345.5 ----	350.4 -----	315.4 ----	346.0 ----
DSP42330	335.0 -----	330.8 ----	356.2 -----	298.7 ---	351.3 -----
MAS 20.S	349.9 -----	348.0 -----	356.5 -----	334.3 -----	342.3 ----
LG 30.218	340.1 -----	390.2 -----	344.6 -----	314.4 ----	315.7 ---
Millesim	324.9 ---	348.2 -----	321.9 ---	289.7 --	332.7 ----
ES Tarock	334.6 ----	367.0 -----	318.7 --	303.8 ----	338.7 ----
Gottardo KWS	347.8 -----	358.3 -----	338.3 -----	333.8 -----	347.0 ----
DKC 3531	327.7 ----	336.9 ----	323.2 ---	322.8 -----	318.0 ---
LG 30.248	336.4 -----	340.0 ----	349.0 -----	302.4 ----	357.7 -----
LG 30.215	333.7 -----	333.5 ----	341.0 -----	315.2 ----	344.7 -----
P7631	313.2 -	323.4 ---	310.3 -	292.9 --	319.3 ---
DKC 3440	341.8 -----	359.7 -----	336.7 ----	318.1 -----	333.3 ----
SY Amboss	350.7 -----	370.8 -----	352.8 -----	325.2 -----	336.7 ----
P8200	344.6 -----	340.9 ----	365.2 -----	304.9 ----	364.3 -----
Xxilo	362.0 -----	344.9 ----	358.1 -----	340.1 -----	393.3 -----
Coditank	340.9 -----	355.3 -----	311.1 -	308.7 ----	347.0 ----
-Bezugsgrösse(n)	340.3 -----	347.1 -----	349.5 -----	315.9 -----	348.7 -----
Versuchs-Mittel	339.2 -----	346.8 -----	342.8 -----	317.9 -----	340.9 -----
VK [%]	5.4	6.1	4.0	5.7	7.4
KGD (5%)	11.4	34.4	22.3	29.5	41.1
KGD (1%)	15.0	45.6	29.6	39.2	54.6
Versuchs-Streuung	18.4	21.1	13.7	18.2	25.3
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	88115.5	39	6.68 ***	1.42	0.0000
Anbauorte	95343.8	6	46.99 ***	2.12	0.0000
WW Verf.*Anb.Orte	139681.1	234	1.77 ***	1.20	0.0007
Fehler	171464.9	507			
Insgesamt	494605.4	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	357.5 -----	371.0 -----	336.1 -----
Colisee	366.0 -----	365.7 -----	326.3 -----
LG 30.224	360.5 -----	341.7 ----	327.3 -----
ES Albatros	323.0 --	356.7 -----	321.5 ----
P8025	336.5 ----	353.0 ----	336.0 -----
SY Pracht	365.5 -----	357.0 -----	331.3 -----
Juvento	348.0 -----	336.3 ---	327.9 -----
Farmfire	355.0 -----	351.7 -----	324.9 -----
SY Talisman	335.0 ---	337.3 ---	337.3 -----
SL10271	360.0 -----	367.0 -----	337.0 -----
Kolossal	369.5 -----	343.7 ----	331.2 -----
LZM264/30	363.0 -----	374.7 -----	342.4 -----
LZM163/52	354.0 -----	326.3 -	344.9 -----
SM E0175	354.5 -----	346.7 ----	316.3 ---
CSM3168	338.5 ----	347.3 ----	336.0 -----
Genialis KWS	339.5 ----	354.0 -----	327.2 -----
KXB4138	363.5 -----	324.7 -	319.8 ----
KXB4303	339.5 ----	331.7 --	317.8 ----
P8372	395.5 -----	339.3 ---	336.5 -----
SC1153	320.5 --	322.0 -	310.5 --
SB1553	346.0 -----	353.7 -----	326.7 -----
Tapas	350.5 -----	336.7 ---	325.1 -----
EP2814	324.0 --	323.7 -	313.2 --
EP3463	360.0 -----	369.7 -----	306.4 -
ES Metronom	322.0 --	361.7 -----	327.4 -----
DSP42330	324.5 --	358.0 -----	325.1 -----
MAS 20.S	386.5 -----	354.0 -----	327.4 -----
LG 30.218	327.5 ---	348.0 -----	340.1 -----
Millesim	323.5 --	343.3 ----	314.9 ---
ES Tarock	334.5 ----	351.0 -----	328.3 -----
Gottardo KWS	372.0 -----	348.7 -----	336.2 -----
DKC 3531	339.5 ----	332.3 --	321.4 ----
LG 30.248	333.0 ---	349.3 -----	323.1 -----
LG 30.215	330.5 ---	339.3 ---	331.4 -----
P7631	310.5 -	324.0 -	311.9 --
DKC 3440	344.0 -----	364.7 -----	336.2 -----
SY Amboss	392.5 -----	350.7 -----	326.0 -----
P8200	343.0 ----	353.3 -----	340.4 -----
Xxilo	365.5 -----	386.7 -----	345.5 -----
Coditank	364.5 -----	368.7 -----	331.0 -----
-Bezugsgrösse(n)	354.3 -----	339.0 ---	327.6 -----
Versuchs-Mittel	348.5 -----	349.1 -----	328.1 -----
VK [%]	5.8	4.6	3.5
KGD (5%)	40.8	25.9	18.9
KGD (1%)	ns	34.4	25.1
Versuchs-Streuung	20.2	16.0	11.6
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	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
Geox	70.3 -----	66.4 -----	63.9 ----	80.2 -----	85.9 -----
Colisee	70.6 -----	66.9 -----	67.2 -----	75.2 ---	80.5 -----
LG 30.224	68.0 ----	70.6 -----	63.6 ----	71.0 -	75.8 ----
ES Albatros	68.7 -----	64.1 ----	59.4 -	76.9 ---	76.4 ----
P8025	66.9 ---	66.9 -----	62.0 ---	77.3 -----	76.1 -----
SY Pracht	65.2 -	63.6 ----	59.8 -	72.7 --	69.2 --
Juvento	72.5 -----	70.1 -----	68.8 -----	79.5 -----	77.4 -----
Farmfire	70.4 -----	68.3 -----	68.9 -----	82.2 -----	75.7 ----
SY Talisman	64.6 -	64.6 ----	61.7 ---	76.2 ----	66.2 -
SL10271	68.9 -----	61.7 ---	65.4 -----	76.3 ----	73.0 ----
Kolossalis	66.3 ---	65.0 ----	60.2 -	76.6 ----	75.2 ----
LZM264/30	67.0 ---	66.0 -----	62.9 ----	78.4 ----	74.8 ----
LZM163/52	68.3 ----	70.4 -----	60.8 --	75.4 ---	75.2 ----
SM E0175	68.2 ----	65.3 ----	65.8 -----	76.0 ---	86.3 -----
CSM3168	68.4 ----	65.7 ----	64.5 ----	77.7 -----	70.8 ---
Genialis KWS	69.6 -----	68.6 -----	63.0 ---	77.5 -----	74.8 ----
KXB4138	67.1 ----	64.7 ----	61.6 --	73.3 --	72.4 ----
KXB4303	67.0 ---	67.3 -----	62.3 ---	77.6 -----	76.2 -----
P8372	68.7 ----	65.7 ----	62.8 ---	76.0 ----	76.6 -----
SC1153	67.9 ----	64.9 ----	66.4 -----	73.6 --	75.3 ----
SB1553	69.4 -----	71.9 -----	62.9 ---	73.6 --	81.1 -----
Tapas	69.2 -----	66.1 -----	64.5 ----	75.6 ----	81.9 -----
EP2814	68.7 -----	68.2 -----	67.4 -----	76.9 ----	71.9 ---
EP3463	64.8 -	65.1 ----	63.9 ----	72.1 -	69.1 --
ES Metronom	69.9 -----	67.2 -----	65.3 -----	78.1 -----	71.8 ---
DSP42330	71.0 -----	65.1 ----	65.2 ----	81.0 -----	80.9 -----
MAS 20.S	68.8 -----	70.9 -----	63.7 ----	78.8 -----	77.4 ----
LG 30.218	66.6 ---	58.7 -	60.5 --	76.3 ----	76.1 ----
Millesim	72.7 -----	63.3 ----	70.1 -----	82.5 -----	78.8 -----
ES Tarock	70.0 -----	71.1 -----	68.0 -----	85.0 -----	73.6 ----
Gottardo KWS	67.3 ----	65.2 ----	64.6 ----	72.2 -	71.1 ---
DKC 3531	69.4 -----	70.3 -----	65.7 -----	79.0 -----	75.7 ----
LG 30.248	67.6 ----	60.5 --	64.5 ----	79.0 -----	73.5 ----
LG 30.215	72.9 -----	70.9 -----	69.0 -----	86.4 -----	80.1 -----
P7631	70.6 -----	71.2 -----	71.3 -----	86.0 -----	70.0 --
DKC 3440	68.7 ----	63.1 ----	62.6 ---	74.6 ---	73.9 ----
SY Amboss	70.8 -----	69.6 -----	66.8 -----	77.6 -----	73.5 ----
P8200	70.1 -----	63.7 ----	61.1 --	82.3 -----	73.7 ----
Xxilo	69.3 -----	69.1 -----	65.8 -----	75.9 ----	71.4 ---
Coditank	70.5 -----	65.8 ----	66.6 -----	77.9 ----	74.2 ----
-Bezugsgrösse(n)	70.3 -----	70.3 -----	66.2 -----	75.2 ---	76.6 -----
Versuchs-Mittel	68.8 -----	66.6 -----	64.5 -----	77.5 -----	75.3 -----
VK [%]	5.8	7.2	4.2	3.7	6.0
KGD (5%)	2.5	ns	4.4	4.7	7.3
KGD (1%)	3.3	ns	5.9	6.2	9.7
Versuchs-Streuung	4.0	4.8	2.7	2.9	4.5
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3044.9	39	4.84 ***	1.42	0.0000
Anbauorte	31567.7	6	326.45 ***	2.12	0.0000
WW Verf.*Anb.Orte	7126.4	234	1.89 ***	1.20	0.0005
Fehler	8171.2	507			
Insgesamt	49910.1	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	68.3 ---	69.3 -----	58.4 -----
Colisee	72.4 -----	71.4 -----	61.0 -----
LG 30.224	76.2 -----	63.8 ----	55.1 ---
ES Albatros	77.0 -----	67.4 -----	60.0 -----
P8025	72.0 ----	61.9 --	52.1 -
SY Pracht	72.3 ----	60.3 -	58.3 ----
Juvento	80.5 -----	69.9 -----	61.3 -----
Farmfire	78.3 -----	60.4 -	58.9 -----
SY Talisman	65.0 -	61.8 --	56.7 ----
SL10271	78.1 -----	69.1 -----	58.9 -----
Kolossal	72.2 ----	60.7 -	54.2 --
LZM264/30	69.9 ---	60.1 -	56.6 ----
LZM163/52	78.8 -----	61.7 --	56.0 ----
SM E0175	67.0 --	59.9 -	57.1 ----
CSM3168	77.4 -----	65.5 -----	57.6 ----
Genialis KWS	78.6 -----	62.3 ---	62.8 -----
KXB4138	73.9 -----	61.8 --	61.6 -----
KXB4303	67.7 --	62.7 ---	54.9 ---
P8372	77.0 -----	63.6 ----	59.0 -----
SC1153	69.8 ---	65.0 ----	60.3 -----
SB1553	72.3 ----	65.3 ----	58.6 -----
Tapas	73.3 ----	64.4 ----	58.5 -----
EP2814	73.8 ----	62.9 ---	59.7 -----
EP3463	64.5 -	61.3 --	57.9 ----
ES Metronom	83.2 -----	65.2 ----	58.6 ----
DSP42330	73.8 ----	70.1 -----	60.8 -----
MAS 20.S	67.5 --	64.4 ----	58.8 -----
LG 30.218	74.1 -----	62.1 ---	58.2 ----
Millesim	81.4 -----	68.3 -----	64.4 -----
ES Tarock	67.3 --	64.6 ----	60.6 -----
Gottardo KWS	77.5 -----	61.6 --	58.8 -----
DKC 3531	72.7 ----	63.0 ---	59.1 -----
LG 30.248	69.6 ---	62.8 ---	63.5 -----
LG 30.215	78.6 -----	62.9 ---	62.6 -----
P7631	71.0 ---	62.6 ---	62.0 -----
DKC 3440	78.4 -----	64.4 ----	64.1 -----
SY Amboss	78.8 -----	64.2 ----	64.8 -----
P8200	77.6 -----	68.1 -----	63.8 -----
Xxilo	73.2 ----	66.8 -----	63.1 -----
Coditank	81.8 -----	64.5 ----	63.0 -----
-Bezugsgrösse(n)	78.4 -----	66.9 -----	58.2 -----
Versuchs-Mittel	74.0 -----	64.2 ----	59.5 -----
VK [%]	9.7	5.2	5.0
KGD (5%)	ns	5.4	4.9
KGD (1%)	ns	7.1	6.5
Versuchs-Streuung	7.2	3.3	3.0
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
Geox	534.4 -----	514.5 ----	457.7 -----	573.0 -----	508.1 -----
Colisee	463.3 --	471.1 --	387.0 --	483.9 ---	503.8 -----
LG 30.224	514.6 -----	522.6 -----	472.9 -----	526.2 -----	517.9 -----
ES Albatros	527.0 -----	538.7 -----	435.4 ----	572.8 -----	486.3 -----
P8025	504.4 ----	511.9 ----	422.1 ----	512.9 ----	479.8 ----
SY Pracht	493.5 ----	493.9 ----	454.0 ----	552.5 -----	503.7 -----
Juvento	501.0 -----	488.1 ---	417.9 ---	483.2 ---	516.8 -----
Farmfire	543.9 -----	556.2 -----	462.7 -----	565.9 -----	465.2 ----
SY Talisman	495.9 ----	497.7 ----	455.5 -----	521.5 ----	493.9 -----
SL10271	518.5 -----	506.4 -----	426.6 ----	585.8 -----	542.1 -----
Kolossal	539.1 -----	518.0 ----	478.4 -----	585.5 -----	513.8 -----
LZM264/30	510.5 ----	498.3 ----	432.8 ----	528.1 ----	477.1 ----
LZM163/52	468.0 --	441.3 -	414.0 ----	521.6 ----	483.8 ----
SM E0175	521.3 -----	535.3 -----	454.3 -----	591.7 -----	400.8 -
CSM3168	487.4 ----	452.4 -	437.2 ----	552.6 -----	465.2 ----
Genialis KWS	528.4 -----	523.7 -----	432.2 ----	514.6 ----	540.0 -----
KXB4138	532.4 -----	505.6 ----	434.9 ----	612.4 -----	525.5 -----
KXB4303	506.5 ----	516.2 ----	436.7 ----	534.1 -----	509.3 -----
P8372	516.1 -----	568.6 -----	482.9 -----	474.7 ---	449.3 ---
SC1153	524.5 -----	483.6 ---	473.5 -----	552.9 -----	509.6 -----
SB1553	561.4 -----	603.2 -----	435.4 ----	625.0 -----	532.1 -----
Tapas	550.3 -----	511.1 ----	479.8 -----	630.1 -----	500.3 -----
EP2814	516.8 -----	478.8 ---	482.0 -----	558.5 -----	475.2 ----
EP3463	548.2 -----	527.3 ----	526.8 -----	574.8 -----	545.1 -----
ES Metronom	582.4 -----	538.1 -----	500.6 -----	563.3 -----	541.8 -----
DSP42330	509.8 ----	508.6 ----	453.2 ----	587.5 -----	424.1 --
MAS 20.S	521.0 -----	543.5 -----	441.0 ----	561.0 -----	488.8 -----
LG 30.218	473.8 ---	475.2 ---	402.5 ---	470.3 ---	502.1 -----
Millesim	496.2 ----	469.8 --	455.6 ----	521.1 ----	497.6 ----
ES Tarock	530.2 -----	475.5 ---	442.7 ----	548.0 ----	529.5 -----
Gottardo KWS	501.9 ----	521.4 -----	394.4 ---	548.7 -----	489.8 -----
DKC 3531	525.0 -----	571.8 -----	462.6 -----	534.2 -----	510.6 -----
LG 30.248	523.3 -----	536.3 -----	434.9 ----	519.1 ----	537.7 -----
LG 30.215	483.7 ---	491.0 ---	418.8 ---	525.5 ----	476.8 ----
P7631	445.5 -	496.4 ----	354.6 -	430.6 -	472.3 ----
DKC 3440	526.7 -----	499.2 ----	469.7 -----	544.6 -----	512.3 -----
SY Amboss	523.3 -----	567.1 -----	438.1 ----	549.1 -----	501.6 -----
P8200	501.2 ----	482.1 ---	436.2 ----	571.9 -----	502.1 -----
Xxilo	533.9 -----	601.0 -----	452.1 ----	550.5 -----	521.0 -----
Coditank	468.7 --	448.4 -	421.4 ----	492.4 ----	458.2 ----
-Bezugsgrösse(n)	507.8 -----	505.3 -----	445.4 -----	504.7 -----	517.4 -----
Versuchs-Mittel	513.8 -----	512.2 -----	444.3 -----	543.8 -----	497.8 -----
VK [%]	8.8	11.1	9.2	7.0	9.7
KGD (5%)	28.1	ns	66.7	62.3	ns
KGD (1%)	37.0	ns	ns	82.6	ns
Versuchs-Streuung	45.2	56.8	41.0	38.3	48.4
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	596220.3	39	7.48 ***	1.42	0.0000
Anbauorte	2311056.5	6	188.55 ***	2.12	0.0000
WW Verf.*Anb.Orte	671892.4	234	1.41 ns	1.20	
Fehler	1035701.6	507			
Insgesamt	4614870.8	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	691.8 -----	477.0 -----	518.5 -----
Colisee	520.7 -	428.9 ---	447.9 -
LG 30.224	606.0 ----	458.8 ----	497.6 ----
ES Albatros	614.8 ---	466.4 -----	574.3 -----
P8025	618.6 ----	454.4 ----	531.4 ----
SY Pracht	547.4 --	452.4 ----	450.8 --
Juvento	648.4 -----	474.8 -----	477.6 ---
Farmfire	676.8 -----	476.3 -----	604.4 -----
SY Talisman	580.4 ---	465.4 -----	457.0 --
SL10271	617.4 ----	459.6 ----	491.4 ----
Kolossal	679.8 -----	478.4 -----	519.5 -----
LZM264/30	659.5 -----	442.8 ----	535.2 -----
LZM163/52	496.7 -	445.5 ----	473.0 ---
SM E0175	642.8 ----	493.8 -----	530.3 ----
CSM3168	563.8 ---	423.9 ---	516.7 ----
Genialis KWS	713.1 -----	458.7 ----	516.4 ----
KXB4138	636.0 -----	490.1 -----	521.8 -----
KXB4303	603.7 ----	444.1 ----	501.2 ----
P8372	587.0 ---	515.6 -----	534.2 ----
SC1153	571.4 ---	483.3 -----	597.0 -----
SB1553	707.5 -----	487.7 -----	538.6 -----
Tapas	664.1 -----	494.8 -----	572.0 -----
EP2814	627.8 ----	454.3 ----	541.0 -----
EP3463	598.4 ----	498.2 -----	566.7 -----
ES Metronom	832.8 -----	539.3 -----	561.0 -----
DSP42330	594.9 ----	481.0 -----	519.4 ----
MAS 20.S	625.4 ----	457.1 ----	530.0 ----
LG 30.218	569.3 ---	428.7 ---	468.4 ---
Millesim	599.6 ----	431.7 ---	497.6 ----
ES Tarock	677.3 -----	513.8 -----	524.4 ----
Gottardo KWS	617.3 ----	433.4 ---	508.4 ----
DKC 3531	652.3 -----	438.1 ----	505.2 ----
LG 30.248	599.9 ----	493.8 -----	541.7 -----
LG 30.215	575.1 ---	437.2 ----	461.8 --
P7631	537.6 --	393.1 -	433.8 -
DKC 3440	671.4 -----	469.4 ----	520.2 -----
SY Amboss	639.3 -----	490.6 -----	477.0 ---
P8200	576.2 ---	446.0 ----	493.6 ----
Xxilo	656.0 -----	459.6 ----	497.2 ----
Coditank	583.2 ---	408.7 --	468.7 ---
-Bezugsgrösse(n)	627.2 ----	466.8 -----	487.6 ----
Versuchs-Mittel	622.0 ----	463.7 ----	513.1 ----
VK [%]	10.8	5.4	8.0
KGD (5%)	ns	41.0	66.6
KGD (1%)	ns	54.4	88.3
Versuchs-Streuung	67.0	25.2	41.0
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	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
Geox	202.3 -----	198.4 -----	183.0 -----	211.6 -----	187.4 -----
Colisee	181.0 -	179.7 ----	159.5 --	180.4 --	190.4 -----
LG 30.224	198.5 -----	190.6 -----	191.7 -----	205.6 -----	207.0 -----
ES Albatros	197.7 -----	196.9 -----	168.6 ----	206.7 -----	173.8 ----
P8025	196.9 -----	181.4 ----	176.7 -----	199.6 -----	176.8 ----
SY Pracht	194.4 -----	185.7 ----	186.5 -----	214.4 -----	187.8 -----
Juvento	196.1 -----	198.0 -----	171.4 -----	180.7 --	179.5 -----
Farmfire	202.3 -----	215.8 -----	180.2 -----	200.3 -----	182.0 -----
SY Talisman	195.9 -----	180.3 ----	190.1 -----	203.1 -----	193.7 -----
SL10271	194.0 ----	186.5 ----	168.5 ----	225.1 -----	187.0 -----
Kolossal	201.3 -----	180.2 ----	186.5 -----	210.1 -----	200.9 -----
LZM264/30	197.2 -----	191.0 -----	173.2 ----	193.3 ----	186.2 -----
LZM163/52	188.3 ---	162.9 -	174.6 ----	197.8 ----	185.6 -----
SM E0175	189.1 ---	192.7 -----	176.8 ----	203.1 -----	134.2 -
CSM3168	196.5 -----	180.9 ----	186.4 -----	216.8 -----	185.6 -----
Genialis KWS	207.0 -----	204.1 -----	171.7 ----	201.1 -----	209.2 -----
KXB4138	204.3 -----	192.0 -----	181.8 -----	227.9 -----	180.2 -----
KXB4303	200.8 -----	199.7 -----	180.4 -----	206.5 -----	191.2 -----
P8372	197.7 -----	215.7 -----	193.3 -----	172.9 -	168.3 ----
SC1153	199.2 -----	180.6 ----	186.6 -----	203.2 -----	196.0 -----
SB1553	204.6 -----	205.3 -----	170.8 ----	223.9 -----	181.8 -----
Tapas	198.8 -----	175.3 ---	181.7 -----	217.1 -----	160.8 ----
EP2814	193.7 ----	169.2 --	180.2 -----	203.6 -----	183.8 -----
EP3463	207.0 -----	182.2 ----	197.7 -----	207.9 -----	210.3 -----
ES Metronom	214.6 -----	196.6 -----	187.4 -----	202.5 -----	185.8 -----
DSP42330	193.3 ----	188.7 -----	186.8 -----	220.5 -----	137.7 -
MAS 20.S	195.0 -----	188.0 -----	178.0 -----	204.7 -----	173.4 -----
LG 30.218	186.8 --	183.0 -----	159.4 --	184.3 ---	198.8 -----
Millesim	191.5 ----	178.2 ----	188.1 -----	195.6 ----	185.7 -----
ES Tarock	198.8 -----	159.8 -	179.5 -----	205.4 -----	191.9 -----
Gottardo KWS	201.3 -----	195.8 -----	164.8 ---	227.8 -----	190.0 -----
DKC 3531	202.6 -----	208.9 -----	189.2 -----	191.7 ----	192.3 -----
LG 30.248	203.0 -----	211.0 -----	177.1 -----	198.9 ----	197.5 -----
LG 30.215	187.7 ---	189.1 -----	166.8 ----	190.2 ----	168.7 ----
P7631	181.4 -	196.3 -----	153.6 -	172.4 -	189.3 -----
DKC 3440	208.8 -----	192.8 -----	188.1 -----	221.0 -----	196.0 -----
SY Amboss	206.1 -----	209.9 -----	184.1 -----	214.3 -----	200.0 -----
P8200	196.0 -----	178.2 ----	186.6 -----	215.5 -----	181.5 -----
Xxilo	202.8 -----	216.0 -----	180.7 -----	213.4 -----	179.3 -----
Coditank	193.2 ----	183.1 -----	185.8 -----	197.0 ----	195.4 -----
-Bezugsgrösse(n)	197.3 -----	194.3 -----	181.6 -----	193.2 -----	193.3 -----
Versuchs-Mittel	197.7 -----	190.5 -----	179.4 -----	204.2 -----	185.1 -----
VK [%]	9.2	10.5	10.1	8.3	11.6
KGD (5%)	11.2	ns	ns	27.5	35.0
KGD (1%)	14.8	ns	ns	36.5	ns
Versuchs-Streuung	18.1	19.9	18.1	16.9	21.5
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	39356.0	39	3.08 ***	1.42	0.0001
Anbauorte	250589.7	6	127.42 ***	2.12	0.0000
WW Verf.*Anb.Orte	110566.7	234	1.44 ns	1.20	
Fehler	166187.1	507			
Insgesamt	566699.5	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	245.6 ----	182.9 ----	207.3 -----
Colisee	198.2 -	171.0 --	187.7 --
LG 30.224	213.7 --	182.3 ----	198.3 ----
ES Albatros	235.0 ----	182.0 ----	220.6 -----
P8025	240.8 ----	186.4 ----	216.9 -----
SY Pracht	213.3 --	182.6 ----	190.4 --
Juvento	247.3 -----	194.4 -----	201.7 ----
Farmfire	236.6 ----	172.5 --	228.9 -----
SY Talisman	223.6 ---	187.4 -----	193.5 ---
SL10271	220.5 ---	179.5 ----	191.0 ---
Kolossal	244.6 ----	183.8 ----	203.3 ----
LZM264/30	243.8 ----	177.5 ---	215.7 -----
LZM163/52	206.8 -	184.8 ----	205.4 ----
SM E0175	231.3 ----	185.1 ----	200.2 ----
CSM3168	214.8 --	176.3 ---	214.6 -----
Genialis KWS	271.1 -----	182.2 ----	209.5 -----
KXB4138	230.7 ----	204.6 -----	213.1 -----
KXB4303	237.4 ----	177.0 ---	213.0 -----
P8372	217.9 --	207.2 -----	208.7 ----
SC1153	210.4 --	185.0 ----	232.6 -----
SB1553	247.4 ----	180.9 ----	221.8 -----
Tapas	247.4 ----	193.8 -----	215.2 -----
EP2814	236.8 ----	173.5 --	208.7 ----
EP3463	235.3 ----	192.7 -----	222.5 -----
ES Metronom	303.5 -----	209.2 -----	217.0 -----
DSP42330	226.6 ---	188.7 ----	204.2 ----
MAS 20.S	239.9 ----	180.5 ----	200.8 ----
LG 30.218	220.7 ---	168.6 -	192.6 ---
Millesim	223.8 ---	165.9 -	203.3 ----
ES Tarock	243.4 ----	203.7 -----	208.1 ----
Gottardo KWS	241.8 ----	180.4 ----	208.3 ----
DKC 3531	258.1 -----	172.0 --	206.0 ----
LG 30.248	228.9 ----	192.9 -----	214.6 -----
LG 30.215	229.3 ----	180.2 ----	189.4 --
P7631	211.5 --	165.8 -	180.5 -
DKC 3440	263.3 -----	191.1 ----	209.5 -----
SY Amboss	239.0 ----	200.7 -----	194.7 ---
P8200	226.5 ---	180.4 ----	203.5 ----
Xxilo	245.9 ----	185.3 ----	198.7 ----
Coditank	223.6 ---	173.6 --	194.0 ---
-Bezugsgrösse(n)	230.5 ----	188.3 -----	200.0 ----
Versuchs-Mittel	234.4 ----	184.1 ----	206.2 -----
VK [%]	9.9	6.5	7.6
KGD (5%)	ns	19.5	25.5
KGD (1%)	ns	25.8	ns
Versuchs-Streuung	23.1	12.0	15.7
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	3.0	3.0

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
Geox	38.0 ----	38.7 -----	40.0 -----	36.8 ----	36.9 -----
Colisee	39.2 -----	38.1 -----	41.1 -----	37.3 -----	38.0 -----
LG 30.224	38.7 -----	36.6 ----	40.5 -----	39.0 -----	40.0 -----
ES Albatros	37.5 ---	36.6 ----	38.6 ---	36.1 ---	35.7 ----
P8025	39.2 -----	35.5 ---	41.8 -----	38.9 -----	37.1 ----
SY Pracht	39.5 -----	37.9 -----	41.2 -----	38.6 -----	37.4 -----
Juvento	39.3 -----	40.6 -----	41.0 -----	37.5 -----	34.8 ---
Farmfire	37.4 ---	38.9 -----	38.9 ---	35.4 --	39.1 -----
SY Talisman	39.6 -----	36.2 ----	41.7 -----	39.0 -----	39.3 -----
SL10271	37.5 ---	36.8 ----	39.4 ----	38.4 -----	34.4 ---
Kolossal	37.5 ---	35.0 ---	38.9 ---	35.9 ---	38.8 -----
LZM264/30	38.8 -----	38.3 -----	40.0 -----	36.7 ----	39.0 -----
LZM163/52	40.2 -----	36.8 ----	42.1 -----	37.9 -----	38.3 -----
SM E0175	36.1 -	36.0 ----	38.9 ---	34.4 -	31.9 -
CSM3168	40.4 -----	40.0 -----	42.7 -----	39.2 -----	39.9 -----
Genialis KWS	39.2 -----	38.9 -----	39.6 ---	39.1 -----	38.7 -----
KXB4138	38.7 -----	38.6 -----	41.6 -----	37.2 -----	34.3 ---
KXB4303	39.7 -----	38.7 -----	41.2 -----	38.7 -----	37.6 -----
P8372	38.4 -----	38.0 -----	40.0 -----	36.7 ----	37.5 -----
SC1153	38.0 ----	37.3 -----	39.4 ----	36.7 ----	38.5 -----
SB1553	36.7 --	34.4 --	39.2 ---	35.8 ---	34.2 ---
Tapas	36.1 -	34.5 --	37.9 --	34.3 -	32.0 -
EP2814	37.4 ---	35.3 ---	37.2 -	36.3 ---	38.7 -----
EP3463	37.7 ----	34.7 --	37.5 -	36.2 ---	38.6 -----
ES Metronom	36.9 --	36.6 ----	37.4 -	36.0 ---	34.3 ---
DSP42330	37.8 ----	37.0 -----	41.2 -----	37.5 -----	32.1 -
MAS 20.S	37.5 ---	34.7 ---	40.3 -----	36.6 ----	35.5 ----
LG 30.218	39.4 -----	38.6 -----	39.5 ----	39.2 -----	39.6 -----
Millesim	38.7 -----	37.9 -----	41.3 -----	37.5 -----	37.4 -----
ES Tarock	37.6 ---	33.3 -	40.6 -----	37.5 -----	36.6 ----
Gottardo KWS	40.3 -----	37.9 -----	41.8 -----	41.5 -----	39.0 -----
DKC 3531	38.7 -----	36.8 ----	40.9 -----	35.9 ---	37.7 -----
LG 30.248	38.8 -----	39.3 -----	40.5 -----	38.2 -----	36.7 ----
LG 30.215	38.9 -----	38.6 -----	39.7 ----	36.1 ---	35.4 ----
P7631	40.9 -----	39.6 -----	43.2 -----	40.0 -----	40.2 -----
DKC 3440	39.7 -----	38.6 -----	40.0 ----	40.6 -----	38.2 -----
SY Amboss	39.5 -----	37.0 -----	41.9 -----	39.0 -----	39.8 -----
P8200	39.3 -----	37.0 -----	42.8 -----	37.8 -----	36.2 ----
Xxilo	38.1 ----	35.9 ----	39.9 ----	38.7 -----	34.5 ---
Coditank	41.4 -----	40.8 -----	44.1 -----	40.0 -----	42.6 -----
-Bezugsgrösse(n)	39.0 -----	38.6 -----	40.8 -----	38.3 -----	37.4 -----
Versuchs-Mittel	38.6 -----	37.3 -----	40.4 -----	37.6 -----	37.2 -----
VK [%]	4.6	5.7	2.5	5.1	7.8
KGD (5%)	1.1	3.5	1.7	3.1	4.7
KGD (1%)	1.4	4.6	2.2	4.1	6.3
Versuchs-Streuung	1.8	2.1	1.0	1.9	2.9
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1206.3	39	9.93 ***	1.42	0.0000
Anbauorte	1450.1	6	77.60 ***	2.12	0.0000
WW Verf.*Anb.Orte	1101.3	234	1.51 ns	1.20	
Fehler	1579.0	507			
Insgesamt	5336.7	786			

Précocité [% MS] / Frühreife [% TS]

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	35.5 -	38.4 ----	40.0 -----
Colisee	38.0 -----	39.9 -----	41.9 -----
LG 30.224	35.3 -	39.7 -----	39.9 ----
ES Albatros	38.2 -----	39.0 -----	38.5 --
P8025	38.9 -----	41.0 -----	40.8 -----
SY Pracht	39.0 -----	40.3 -----	42.3 -----
Juvento	38.1 -----	40.9 -----	42.2 -----
Farmfire	35.1 -	36.2 -	37.9 -
SY Talisman	38.5 -----	40.3 -----	42.4 -----
SL10271	35.7 --	39.1 ----	38.9 ---
Kolossal	36.0 --	38.4 ----	39.2 ---
LZM264/30	37.1 ----	40.1 -----	40.3 ----
LZM163/52	41.6 -----	41.5 -----	43.4 -----
SM E0175	36.0 --	37.5 ---	37.7 -
CSM3168	38.1 ----	41.6 -----	41.5 -----
Genialis KWS	38.0 ----	39.7 ----	40.6 ----
KXB4138	36.6 ---	41.7 -----	40.8 ----
KXB4303	39.2 -----	39.9 ----	42.7 -----
P8372	37.1 ----	40.2 -----	39.1 ---
SC1153	36.9 ---	38.3 ----	39.1 ---
SB1553	34.9 -	37.1 --	41.2 -----
Tapas	37.3 ----	39.1 ----	37.6 -
EP2814	37.7 ----	38.2 ----	38.6 --
EP3463	39.3 -----	38.7 ----	39.3 ---
ES Metronom	36.5 ---	38.8 ----	38.7 --
DSP42330	38.1 ----	39.2 ----	39.3 ---
MAS 20.S	38.4 -----	39.5 -----	37.8 -
LG 30.218	38.7 -----	39.3 ----	41.1 -----
Millesim	37.4 ----	38.4 ----	41.0 ----
ES Tarock	36.0 --	39.7 ----	39.7 ----
Gottardo KWS	39.2 -----	41.6 -----	41.0 ----
DKC 3531	39.6 -----	39.2 ----	40.8 ----
LG 30.248	38.2 ----	39.0 ----	39.6 ----
LG 30.215	39.9 -----	41.2 -----	41.0 ----
P7631	39.4 -----	42.2 -----	41.7 -----
DKC 3440	39.2 -----	40.7 -----	40.3 ----
SY Amboss	37.4 ----	40.9 -----	40.8 ----
P8200	39.3 -----	40.4 -----	41.3 -----
Xxilo	37.4 ----	40.3 -----	40.1 ----
Coditank	38.5 -----	42.5 -----	41.4 -----
-Bezugsgrösse(n)	36.7 ---	40.3 -----	41.0 -----
Versuchs-Mittel	37.8 -----	39.7 -----	40.3 ----
VK [%]	3.2	2.1	2.7
KGD (5%)	2.4	1.4	1.8
KGD (1%)	3.2	1.8	2.3
Versuchs-Streuung	1.2	0.8	1.1
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	3.0	3.0

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

Verfahren	Seriemittel	3065 Habstetten	5643 Alikon AG
Geoxx	6.7 ---	12.5 ---	0.9 --
Colisee	7.1 ---	12.5 ---	1.8 ----
LG 30.224	3.0 --	4.2 -	1.9 ----
ES Albatros	17.1 -----	33.3 -----	0.8 --
P8025	0.0 -	0.0 -	0.0 -
SY Pracht	6.3 ---	12.5 ---	0.0 -
Juvento	2.1 -	4.2 -	0.0 -
Farmfire	6.7 ---	12.5 ---	0.9 ---
SY Talisman	5.1 --	8.3 --	1.9 ----
SL10271	0.0 -	0.0 -	0.0 -
Kolossalis	6.3 ---	12.5 ---	0.0 -
LZM264/30	10.4 ----	20.8 ----	0.0 -
LZM163/52	8.3 ---	16.7 ---	0.0 -
SM E0175	31.3 -----	62.5 -----	0.0 -
CSM3168	13.0 ----	25.0 ----	0.9 ---
Genialis KWS	4.6 --	8.3 --	0.9 ---
KXB4138	7.3 ---	12.5 ---	2.0 ----
KXB4303	2.1 -	4.2 -	0.0 -
P8372	17.5 -----	33.3 -----	1.8 ----
SC1153	2.1 -	4.2 -	0.0 -
SB1553	6.3 ---	12.5 ---	0.0 -
Tapas	10.4 ----	20.8 ----	0.0 -
EP2814	8.6 ---	12.5 ---	4.7 -----
EP3463	0.0 -	0.0 -	0.0 -
ES Metronom	9.6 ----	16.7 ---	2.5 ----
DSP42330	31.3 -----	62.5 -----	0.0 -
MAS 20.S	0.4 -	0.0 -	0.9 --
LG 30.218	0.0 -	0.0 -	0.0 -
Millesim	6.7 ---	12.5 ---	0.9 ---
ES Tarock	0.4 -	0.0 -	0.9 --
Gottardo KWS	12.9 ----	25.0 ----	0.8 --
DKC 3531	3.2 --	4.2 -	2.2 ----
LG 30.248	0.0 -	0.0 -	0.0 -
LG 30.215	6.3 ---	12.5 ---	0.0 -
P7631	13.0 ----	25.0 ----	1.0 ---
DKC 3440	0.4 -	0.0 -	0.9 --
SY Amboss	0.0 -	0.0 -	0.0 -
P8200	2.1 -	4.2 -	0.0 -
Xxilo	5.1 --	8.3 --	1.9 ----
Coditank	6.3 ---	12.5 ---	0.0 -
-Bezugsgrösse(n)	2.6 -	4.2 -	0.9 ---
Versuchs-Mittel	7.0 ---	13.2 ---	0.8 --
VK [%]	215.0	139.0	181.9
KGD (5%)	ns	29.9	ns
KGD (1%)	ns	39.7	ns
Versuchs-Streuung	15.0	18.4	1.4
FG Fehlerterm	117.0	78.0	39.0
Anz. Beob.	5.0	3.0	2.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10476.2	39	1.19 ns	1.50	0.2394
Anbauorte	7776.7	1	34.38 ***	3.92	0.0000
WW Verf.*Anb.Orte	10532.8	39	1.19 ns	1.50	0.2329
Fehler	26462.1	117			
Insgesamt	55247.9	196			

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

Verfahren	Seriemittel	1567 Delley FR
Geoxx	8.3 ----	8.3 ----
Colisee	0.0 -	0.0 -
LG 30.224	0.0 -	0.0 -
ES Albatros	0.0 -	0.0 -
P8025	0.0 -	0.0 -
SY Pracht	0.0 -	0.0 -
Juvento	0.0 -	0.0 -
Farmfire	0.0 -	0.0 -
SY Talisman	0.0 -	0.0 -
SL10271	0.0 -	0.0 -
Kolossal	0.0 -	0.0 -
LZM264/30	4.2 ---	4.2 ---
LZM163/52	0.0 -	0.0 -
SM E0175	4.2 ---	4.2 ---
CSM3168	0.0 -	0.0 -
Genialis KWS	0.0 -	0.0 -
KXB4138	4.2 ---	4.2 ---
KXB4303	0.0 -	0.0 -
P8372	20.8 -----	20.8 -----
SC1153	4.2 ---	4.2 ---
SB1553	0.0 -	0.0 -
Tapas	0.0 -	0.0 -
EP2814	0.0 -	0.0 -
EP3463	0.0 -	0.0 -
ES Metronom	0.0 -	0.0 -
DSP42330	0.0 -	0.0 -
MAS 20.S	0.0 -	0.0 -
LG 30.218	12.5 -----	12.5 -----
Millesim	0.0 -	0.0 -
ES Tarock	0.0 -	0.0 -
Gottardo KWS	0.0 -	0.0 -
DKC 3531	0.0 -	0.0 -
LG 30.248	12.5 -----	12.5 -----
LG 30.215	12.5 -----	12.5 -----
P7631	0.0 -	0.0 -
DKC 3440	4.2 ---	4.2 ---
SY Amboss	0.0 -	0.0 -
P8200	12.5 -----	12.5 -----
Xxilo	4.2 ---	4.2 ---
Coditank	0.0 -	0.0 -
-Bezugsgrösse(n)	0.0 -	0.0 -
Versuchs-Mittel	2.6 --	2.6 --
VK [%]	276.1	276.1
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	7.2	7.2
FG Fehlerterm	78.0	78.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR
Geoxx	0.0 -	0.0 -
Colisee	0.0 -	0.0 -
LG 30.224	0.0 -	0.0 -
ES Albatros	0.0 -	0.0 -
P8025	0.0 -	0.0 -
SY Pracht	4.2 -----	4.2 -----
Juvento	0.0 -	0.0 -
Farmfire	0.0 -	0.0 -
SY Talisman	0.0 -	0.0 -
SL10271	0.0 -	0.0 -
Kolossal	0.0 -	0.0 -
LZM264/30	4.2 -----	4.2 -----
LZM163/52	0.0 -	0.0 -
SM E0175	4.2 -----	4.2 -----
CSM3168	0.0 -	0.0 -
Genialis KWS	0.0 -	0.0 -
KXB4138	0.0 -	0.0 -
KXB4303	0.0 -	0.0 -
P8372	0.0 -	0.0 -
SC1153	0.0 -	0.0 -
SB1553	0.0 -	0.0 -
Tapas	4.2 -----	4.2 -----
EP2814	0.0 -	0.0 -
EP3463	0.0 -	0.0 -
ES Metronom	0.0 -	0.0 -
DSP42330	4.2 -----	4.2 -----
MAS 20.S	0.0 -	0.0 -
LG 30.218	0.0 -	0.0 -
Millesim	0.0 -	0.0 -
ES Tarock	0.0 -	0.0 -
Gottardo KWS	0.0 -	0.0 -
DKC 3531	0.0 -	0.0 -
LG 30.248	0.0 -	0.0 -
LG 30.215	0.0 -	0.0 -
P7631	0.0 -	0.0 -
DKC 3440	0.0 -	0.0 -
SY Amboss	0.0 -	0.0 -
P8200	0.0 -	0.0 -
Xxilo	0.0 -	0.0 -
Coditank	0.0 -	0.0 -
-Bezugsgrösse(n)	0.0 -	0.0 -
Versuchs-Mittel	0.5 --	0.5 --
VK [%]	494.9	494.9
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	2.6	2.6
FG Fehlerterm	78.0	78.0
Anz. Beob.	3.0	3.0

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
Geoxx	3.1 -	0.4 -	6.4 --	2.9 --	4.3 --
Colisee	5.2 --	0.7 -	13.9 ---	1.1 -	3.4 --
LG 30.224	1.7 -	0.8 -	3.2 -	0.0 -	2.7 --
ES Albatros	1.1 -	0.8 -	3.8 -	0.0 -	0.0 -
P8025	1.5 -	0.0 -	6.7 --	0.7 -	0.9 -
SY Pracht	2.4 -	0.0 -	8.2 --	0.7 -	3.5 --
Juvento	3.9 --	0.0 -	10.5 ---	0.0 -	6.6 ---
Farmfire	2.8 -	0.7 -	4.5 -	2.0 --	0.9 -
SY Talisman	3.9 --	0.7 -	6.3 --	3.3 ---	5.9 ---
SL10271	27.0 -----	25.3 -----	48.3 -----	17.2 -----	27.6 -----
Kolossalis	5.8 --	0.0 -	17.0 ----	3.6 ---	4.2 --
LZM264/30	6.6 ---	3.8 --	16.5 ----	1.3 -	8.5 ----
LZM163/52	1.3 -	0.7 -	2.7 -	0.7 -	3.0 --
SM E0175	4.5 --	4.6 --	9.3 --	1.4 -	1.6 -
CSM3168	3.9 --	0.7 -	5.4 -	1.4 -	6.5 ---
Genialis KWS	2.3 -	0.0 -	10.7 ---	0.0 -	0.9 -
KXB4138	1.3 -	0.6 -	4.0 -	0.7 -	1.0 -
KXB4303	2.8 -	0.0 -	3.6 -	1.3 -	4.4 --
P8372	10.6 ----	3.2 --	39.1 -----	2.0 --	13.8 -----
SC1153	8.0 ---	3.5 --	28.4 -----	3.9 ---	3.4 --
SB1553	5.5 --	1.1 -	5.6 -	3.0 --	17.9 -----
Tapas	5.9 ---	9.2 ----	11.0 ---	8.2 ----	1.0 -
EP2814	3.9 --	2.1 -	20.5 ----	0.7 -	0.0 -
EP3463	1.1 -	0.8 -	3.8 -	0.0 -	0.0 -
ES Metronom	7.1 ---	2.5 --	28.0 -----	0.7 -	4.2 --
DSP42330	7.0 ---	11.3 -----	20.1 -----	5.5 ----	0.0 -
MAS 20.S	1.1 -	0.0 -	2.7 -	0.7 -	0.8 -
LG 30.218	2.8 -	0.7 -	13.3 ---	0.7 -	1.8 -
Millesim	8.7 ----	0.7 -	15.0 ---	2.8 --	8.2 ----
ES Tarock	2.6 -	0.7 -	9.0 --	0.0 -	2.8 --
Gottardo KWS	3.4 --	0.7 -	6.4 --	0.0 -	9.1 ----
DKC 3531	0.8 -	0.0 -	2.1 -	0.0 -	1.1 -
LG 30.248	7.2 ---	3.6 --	30.6 -----	4.0 ---	0.0 -
LG 30.215	2.7 -	0.7 -	6.5 --	0.7 -	7.6 ---
P7631	2.9 -	1.5 -	10.9 ---	0.7 -	1.9 -
DKC 3440	0.9 -	0.7 -	1.5 -	0.7 -	0.9 -
SY Amboss	3.2 --	3.3 --	3.4 -	4.1 ---	2.5 --
P8200	2.1 -	3.0 --	2.9 -	2.4 --	2.7 --
Xxilo	5.3 --	2.1 -	4.2 -	2.2 --	6.3 ---
Coditank	2.8 -	4.5 --	6.0 --	0.7 -	1.0 -
-Bezugsgrösse(n)	2.8 -	0.4 -	6.9 --	0.0 -	4.6 --
Versuchs-Mittel	4.4 --	2.4 --	11.3 ---	2.1 --	4.3 --
VK [%]	127.1	120.9	91.1	127.7	94.2
KGD (5%)	3.8	4.7	16.7	4.3	8.2
KGD (1%)	5.0	6.2	22.2	5.7	11.0
Versuchs-Streuung	5.6	2.9	10.3	2.6	4.1
FG Fehlerterm	429.0	78.0	78.0	78.0	39.0
Anz. Beob.	17.0	3.0	3.0	3.0	2.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	12635.8	39	10.29 ***	1.43	0.0000
Anbauorte	8138.5	5	51.69 ***	2.24	0.0000
WW Verf.*Anb.Orte	11753.4	195	1.91 ***	1.22	0.0005
Fehler	13507.9	429			
Insgesamt	46035.7	668			

Charbon [%] / Beulenbrand [%]

Verfahren	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	3.4 --	1.2 --
Colisee	11.9 ----	0.6 -
LG 30.224	2.3 -	1.1 --
ES Albatros	1.1 -	1.1 --
P8025	0.6 -	0.0 -
SY Pracht	2.2 -	0.0 -
Juvento	6.2 --	0.0 -
Farmfire	7.5 ---	1.1 --
SY Talisman	6.2 --	1.1 --
SL10271	35.8 -----	7.7 -----
Kolossal	9.8 ---	0.0 -
LZM264/30	6.4 --	2.8 ----
LZM163/52	0.5 -	0.0 -
SM E0175	10.0 ---	0.0 -
CSM3168	9.6 ---	0.0 -
Genialis KWS	2.1 -	0.0 -
KXB4138	1.8 -	0.0 -
KXB4303	7.2 ---	0.0 -
P8372	5.3 --	0.0 -
SC1153	7.3 ---	1.4 --
SB1553	5.1 --	0.0 -
Tapas	5.2 --	1.2 --
EP2814	0.0 -	0.0 -
EP3463	0.6 -	1.3 --
ES Metronom	5.6 --	1.8 ---
DSP42330	3.6 --	1.1 --
MAS 20.S	2.7 -	0.0 -
LG 30.218	0.0 -	0.0 -
Millesim	25.0 -----	0.6 -
ES Tarock	0.7 -	2.3 ----
Gottardo KWS	3.1 -	1.1 --
DKC 3531	1.1 -	0.6 -
LG 30.248	3.3 --	1.6 ---
LG 30.215	0.6 -	0.0 -
P7631	2.3 -	0.0 -
DKC 3440	1.7 -	0.0 -
SY Amboss	5.8 --	0.0 -
P8200	1.1 -	0.6 -
Xxilo	16.8 ----	0.0 -
Coditank	3.6 --	1.2 --
-Bezugsgrösse(n)	4.2 --	0.5 -
Versuchs-Mittel	5.6 --	0.8 --
VK [%]	113.2	222.3
KGD (5%)	10.4	2.8
KGD (1%)	13.7	ns
Versuchs-Streuung	6.4	1.7
FG Fehlerterm	78.0	78.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
Geox	9.5 ---	8.9 ----	10.0 -----	10.2 -----	9.0 --
Colisee	9.8 -----	9.4 -----	10.0 -----	10.4 -----	9.7 -----
LG 30.224	9.7 -----	9.0 -----	10.0 -----	10.3 -----	9.4 -----
ES Albatros	9.8 -----	9.1 -----	10.0 -----	10.0 ----	9.6 -----
P8025	9.7 -----	9.7 -----	10.0 -----	9.5 --	9.8 -----
SY Pracht	9.6 ----	8.6 ----	9.5 -	10.1 -----	9.6 -----
Juvento	9.9 -----	9.5 -----	10.0 -----	10.4 -----	9.5 -----
Farmfire	9.9 -----	9.5 -----	10.0 -----	10.3 -----	9.8 -----
SY Talisman	9.7 -----	9.1 -----	10.0 -----	9.7 ---	9.9 -----
SL10271	9.7 -----	9.4 -----	10.0 -----	10.2 -----	9.6 -----
Kolossalis	9.9 -----	9.9 -----	10.0 -----	10.0 ----	9.4 ----
LZM264/30	9.9 -----	8.9 ----	10.0 -----	10.0 ----	9.8 -----
LZM163/52	9.6 ----	9.7 -----	10.0 -----	10.2 -----	9.5 -----
SM E0175	9.6 ----	8.7 ----	10.0 -----	9.7 ---	9.3 ----
CSM3168	9.4 ---	9.3 -----	10.0 -----	9.2 -	9.5 -----
Genialis KWS	10.1 -----	9.9 -----	10.0 -----	10.3 -----	10.2 -----
KXB4138	9.2 -	8.9 ----	10.0 -----	9.8 ----	8.9 -
KXB4303	9.6 ----	8.9 ----	10.0 -----	10.0 ----	9.6 -----
P8372	9.8 -----	9.3 -----	10.0 -----	10.1 -----	9.5 -----
SC1153	9.8 -----	8.7 ---	9.6 ---	10.0 ----	9.4 ----
SB1553	9.9 -----	9.2 -----	10.0 -----	10.9 -----	9.6 -----
Tapas	9.3 -	8.0 -	10.0 -----	9.5 --	9.2 ---
EP2814	9.7 -----	9.5 -----	10.0 -----	10.3 -----	9.2 ---
EP3463	9.5 ----	8.2 --	10.0 -----	9.7 ---	9.5 ----
ES Metronom	9.5 ---	8.2 -	10.0 -----	9.7 ---	9.3 ----
DSP42330	9.6 -----	9.4 -----	10.0 -----	9.9 ----	9.4 ----
MAS 20.S	9.7 -----	8.5 ---	10.0 -----	10.4 -----	9.6 -----
LG 30.218	9.6 -----	9.0 -----	10.0 -----	9.8 ----	9.7 -----
Millesim	9.9 -----	9.3 -----	10.0 -----	10.3 -----	9.5 -----
ES Tarock	9.3 --	9.4 -----	10.0 -----	9.3 -	9.3 ----
Gottardo KWS	10.2 -----	8.9 ----	10.0 -----	10.8 -----	10.0 -----
DKC 3531	9.3 -	8.8 ----	10.0 -----	9.9 ----	9.1 --
LG 30.248	9.5 ----	9.4 -----	10.0 -----	9.6 ---	9.6 -----
LG 30.215	9.6 ----	9.4 -----	10.0 -----	9.6 ---	9.4 ----
P7631	9.6 ----	9.0 -----	10.0 -----	10.3 -----	9.6 -----
DKC 3440	9.5 ---	8.8 ----	10.0 -----	9.9 ----	9.5 ----
SY Amboss	9.9 -----	9.1 -----	10.0 -----	10.7 -----	9.8 -----
P8200	9.7 -----	9.2 -----	10.0 -----	9.4 --	9.7 -----
Xxilo	9.3 -	9.0 -----	10.0 -----	9.8 ----	9.1 --
Coditank	9.4 ---	8.3 --	10.0 -----	10.0 ----	9.1 --
-Bezugsgrösse(n)	9.8 -----	9.3 -----	10.0 -----	10.4 -----	9.5 -----
Versuchs-Mittel	9.7 -----	9.1 -----	10.0 -----	10.0 ----	9.5 -----
VK [%]	5.5	7.0	1.6	6.3	4.0
KGD (5%)	0.3	ns	ns	ns	0.6
KGD (1%)	0.4	ns	ns	ns	ns
Versuchs-Streuung	0.5	0.6	0.2	0.6	0.4
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	37.1	39	3.39 ***	1.42	0.0001
Anbauorte	107.6	6	63.85 ***	2.12	0.0000
WW Verf.*Anb.Orte	85.6	234	1.30 ns	1.20	
Fehler	142.3	507			
Insgesamt	372.6	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	9.7 -----	9.9 ----	8.7 -
Colisee	9.8 -----	9.5 --	9.7 -----
LG 30.224	9.2 ----	10.0 ----	9.7 -----
ES Albatros	9.7 -----	10.5 -----	9.5 ----
P8025	9.1 ----	10.1 -----	9.5 -----
SY Pracht	9.4 -----	10.3 -----	9.3 ----
Juvento	10.0 -----	10.1 -----	9.8 -----
Farmfire	9.4 -----	10.5 -----	10.0 -----
SY Talisman	8.9 ----	10.5 -----	9.5 -----
SL10271	9.7 -----	10.1 -----	9.1 --
Kolossal	9.9 -----	10.2 -----	9.6 -----
LZM264/30	9.8 -----	10.5 -----	10.1 -----
LZM163/52	8.3 --	10.1 -----	9.2 --
SM E0175	9.9 -----	10.1 -----	9.8 -----
CSM3168	8.6 --	10.0 ----	9.4 ----
Genialis KWS	9.9 -----	10.9 -----	9.8 -----
KXB4138	9.2 ----	9.4 -	8.7 -
KXB4303	9.3 -----	10.0 ----	9.5 -----
P8372	9.4 -----	10.0 ----	10.0 -----
SC1153	9.8 -----	10.2 -----	10.8 -----
SB1553	9.4 -----	10.0 ----	10.3 -----
Tapas	9.3 -----	10.1 -----	9.0 --
EP2814	9.2 -----	10.3 -----	9.6 -----
EP3463	9.9 -----	10.3 -----	9.0 --
ES Metronom	10.0 -----	10.1 -----	9.2 --
DSP42330	9.1 ----	9.9 ----	9.8 -----
MAS 20.S	9.8 -----	10.6 -----	8.6 -
LG 30.218	9.1 ----	10.5 -----	9.4 ----
Millesim	9.4 -----	10.7 -----	9.8 -----
ES Tarock	8.8 ----	9.3 -	9.3 ----
Gottardo KWS	10.5 -----	10.9 -----	10.1 -----
DKC 3531	7.9 -	10.5 -----	9.0 --
LG 30.248	9.2 -----	9.7 --	9.2 --
LG 30.215	9.5 -----	9.8 ----	9.5 -----
P7631	8.4 --	10.0 ----	9.5 -----
DKC 3440	9.5 -----	9.7 --	8.7 -
SY Amboss	9.6 -----	10.1 -----	9.9 -----
P8200	9.2 -----	10.8 -----	9.9 -----
Xxilo	8.3 --	10.0 ----	8.9 --
Coditank	9.0 ----	10.2 -----	9.5 -----
-Bezugsgrösse(n)	9.6 -----	10.0 ----	9.7 -----
Versuchs-Mittel	9.4 -----	10.1 -----	9.5 -----
VK [%]	5.3	5.0	7.2
KGD (5%)	1.0	0.8	ns
KGD (1%)	1.3	ns	ns
Versuchs-Streuung	0.5	0.5	0.7
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	3.0	3.0

Hauter relative de l'épi [%] / Relative Kolbenansatzhöhe [%]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
Geox	45.3 ----	50.1 -----	43.8 -----	45.3 -	43.5 ----
Colisee	45.9 -----	45.7 -----	39.6 ----	49.1 ----	47.1 -----
LG 30.224	45.4 ----	41.9 ----	43.8 -----	50.5 ----	48.2 -----
ES Albatros	48.0 -----	50.1 -----	43.8 -----	51.1 ----	46.9 -----
P8025	46.6 ----	43.8 ----	43.8 -----	51.4 ----	48.9 -----
SY Pracht	49.8 -----	48.9 -----	43.8 -----	56.7 -----	49.7 -----
Juvento	44.5 ----	44.8 ----	35.4 --	52.6 -----	44.7 ----
Farmfire	47.6 -----	42.7 ----	43.8 -----	57.0 -----	47.2 -----
SY Talisman	45.8 ----	44.9 -----	41.7 ----	52.2 ----	46.6 -----
SL10271	44.9 ----	45.7 -----	39.6 ----	48.7 ----	45.7 -----
Kolossalis	46.1 -----	46.2 -----	41.7 ----	51.3 ----	46.7 -----
LZM264/30	45.0 ----	44.8 -----	41.7 ----	48.7 ----	43.3 ----
LZM163/52	46.7 -----	43.3 ----	43.8 -----	52.6 -----	47.1 -----
SM E0175	45.8 ----	44.6 ----	35.4 --	51.4 ----	49.4 -----
CSM3168	41.9 -	37.4 -	33.3 -	51.4 ----	42.3 ----
Genialis KWS	44.4 ----	38.3 --	37.5 --	55.9 -----	47.8 -----
KXB4138	45.2 ----	45.0 -----	41.7 ----	48.8 ----	42.3 ----
KXB4303	44.6 ----	43.5 -----	39.6 ----	51.2 -----	45.0 ----
P8372	46.1 -----	50.9 -----	45.8 -----	45.7 -	45.3 ----
SC1153	45.1 ----	40.4 ----	37.5 --	54.7 -----	47.4 -----
SB1553	47.7 -----	44.2 -----	39.6 ----	56.1 -----	49.9 -----
Tapas	44.4 ----	43.4 -----	39.6 ----	48.3 --	45.3 ----
EP2814	47.3 -----	42.4 ----	47.9 -----	54.1 -----	49.0 -----
EP3463	45.2 ----	40.1 --	41.7 ----	50.0 ----	49.7 -----
ES Metronom	45.4 ----	45.3 -----	39.6 ----	50.1 ----	45.9 ----
DSP42330	44.5 ----	41.9 ----	37.5 --	52.8 -----	43.6 ----
MAS 20.S	44.8 ----	48.4 -----	35.4 --	48.8 ----	47.3 -----
LG 30.218	46.7 -----	43.2 ----	41.7 ----	54.4 -----	48.6 -----
Millesim	42.7 --	36.1 -	37.5 --	52.0 ----	42.0 ----
ES Tarock	46.7 -----	43.9 -----	43.8 -----	49.7 ----	49.0 -----
Gottardo KWS	43.6 ---	42.5 ----	37.5 --	47.4 --	46.5 -----
DKC 3531	44.5 ----	43.0 ----	39.6 ----	48.2 ---	46.1 -----
LG 30.248	43.7 ---	39.4 ---	39.6 ----	49.3 ----	44.9 ----
LG 30.215	48.1 -----	47.0 -----	45.8 -----	52.2 -----	48.1 -----
P7631	42.3 -	38.7 --	37.5 --	49.0 ----	42.1 ----
DKC 3440	43.4 --	44.7 ----	35.4 --	46.3 -	43.2 ----
SY Amboss	48.9 -----	50.0 -----	47.9 -----	52.6 -----	47.4 -----
P8200	47.7 -----	46.6 -----	47.9 -----	52.7 -----	47.0 -----
Xxilo	45.3 ----	47.5 -----	41.7 ----	46.9 --	44.9 ----
Coditank	42.7 --	41.8 ----	37.5 --	50.0 ----	38.2 -
-Bezugsgrösse(n)	44.9 ----	43.3 ----	39.6 ----	51.6 -----	46.4 -----
Versuchs-Mittel	45.5 -----	44.1 -----	40.8 -----	50.9 -----	46.1 -----
VK [%]	7.8	8.1	10.3	6.3	7.4
KGD (5%)	2.3	5.8	6.8	5.2	5.6
KGD (1%)	3.1	7.7	9.0	6.9	ns
Versuchs-Streuung	3.6	3.6	4.2	3.2	3.4
FG Fehlerterm	468.0	78.0	78.0	78.0	78.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2253.3	39	4.55 ***	1.43	0.0000
Anbauorte	6639.8	5	104.67 ***	2.24	0.0000
WW Verf.*Anb.Orte	3787.1	195	1.53 ns	1.21	
Fehler	5937.5	468			
Insgesamt	18617.8	707			

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

Verfahren	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	43.3 ---	46.0 -----
Colisee	46.5 -----	47.5 -----
LG 30.224	44.0 ----	43.9 ---
ES Albatros	48.5 -----	47.8 -----
P8025	43.9 ---	47.6 -----
SY Pracht	51.2 -----	48.7 -----
Juvento	43.8 ----	45.8 ----
Farmfire	44.0 ----	51.3 -----
SY Talisman	46.1 -----	43.2 --
SL10271	45.3 -----	44.4 ----
Kolossal	45.4 -----	45.2 ----
LZM264/30	43.1 ---	48.6 -----
LZM163/52	47.6 -----	45.5 ----
SM E0175	47.5 -----	46.4 -----
CSM3168	43.6 ---	43.7 ---
Genialis KWS	42.3 --	44.7 ----
KXB4138	47.6 -----	45.6 ----
KXB4303	41.5 --	47.0 -----
P8372	40.3 -	48.6 -----
SC1153	44.0 ----	46.7 -----
SB1553	49.3 -----	47.0 -----
Tapas	43.2 ---	46.4 -----
EP2814	41.7 --	48.5 -----
EP3463	42.5 ---	47.2 -----
ES Metronom	44.3 ----	47.2 -----
DSP42330	46.4 -----	44.5 ----
MAS 20.S	42.7 ---	46.1 -----
LG 30.218	44.7 -----	47.7 -----
Millesim	44.1 ----	44.6 ----
ES Tarock	44.9 -----	49.2 -----
Gottardo KWS	45.8 -----	41.6 -
DKC 3531	43.0 ---	47.0 -----
LG 30.248	42.5 ---	46.7 -----
LG 30.215	50.8 -----	44.9 ----
P7631	44.6 ----	41.9 -
DKC 3440	44.5 ----	46.3 ----
SY Amboss	48.1 -----	47.5 -----
P8200	43.9 ----	47.8 -----
Xxilo	43.1 ---	47.6 -----
Coditank	42.8 ---	45.7 -----
-Bezugsgrösse(n)	43.9 ----	44.9 ----
Versuchs-Mittel	44.8 -----	46.3 -----
VK [%]	7.9	7.2
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	3.6	3.3
FG Fehlerterm	78.0	78.0
Anz. Beob.	3.0	3.0

Floraison [jours] / Blühbeginn [Tage]

Verfahren	Seriemittel	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Geox	69.3 -----	69.7 -----	71.3 -----	64.7 -----	71.7 -----
Colisee	66.9 -	68.7 --	69.7 --	61.7 --	67.7 -
LG 30.224	68.9 -----	69.7 -----	70.3 ---	65.3 -----	70.3 -----
ES Albatros	69.6 -----	69.0 ----	70.7 ----	66.0 -----	72.7 -----
P8025	68.5 ----	68.7 --	70.3 ---	64.3 ----	70.7 ----
SY Pracht	67.8 ---	68.7 --	69.7 --	63.0 ----	69.7 ----
Juvento	67.3 --	69.3 -----	70.0 ---	61.7 --	68.3 --
Farmfire	69.5 -----	69.0 ----	70.3 ---	67.0 -----	71.7 -----
SY Talisman	68.1 ----	68.3 -	69.7 --	63.7 ----	70.7 ----
SL10271	69.5 -----	70.0 -----	70.0 ---	66.3 -----	71.7 -----
Kolossal	68.3 ----	68.3 -	69.3 -	65.0 ----	70.7 ----
LZM264/30	68.6 ----	68.7 --	69.7 --	64.7 ----	71.3 ----
LZM163/52	67.3 --	69.0 ----	69.0 -	62.7 ---	68.7 ---
SM E0175	68.5 ----	69.3 -----	69.3 -	64.3 ----	71.0 ----
CSM3168	67.8 ---	69.0 ----	69.7 --	63.0 ---	69.7 ----
Genialis KWS	68.1 ----	69.3 -----	69.7 --	64.0 ----	69.3 ----
KXB4138	69.6 -----	70.0 -----	71.7 -----	65.0 -----	71.7 -----
KXB4303	68.6 ----	69.3 -----	69.7 --	64.3 ----	71.0 ----
P8372	69.6 -----	70.3 -----	69.0 -	67.0 -----	72.0 -----
SC1153	69.8 -----	70.3 -----	71.0 ----	66.0 -----	72.0 -----
SB1553	68.1 ----	69.0 ----	70.0 ---	64.3 ----	69.0 ---
Tapas	68.6 ----	69.0 ----	70.0 ---	64.0 ----	71.3 ----
EP2814	69.6 -----	69.7 -----	70.3 ---	65.7 -----	72.7 -----
EP3463	70.7 -----	70.0 -----	74.0 -----	66.3 -----	72.3 -----
ES Metronom	69.3 -----	69.7 -----	70.7 ---	65.0 ----	71.7 ----
DSP42330	67.8 ---	69.3 -----	69.7 --	61.0 -	71.0 ----
MAS 20.S	68.7 ----	69.0 ----	70.0 ---	64.0 ----	71.7 ----
LG 30.218	67.8 ---	69.0 ----	69.7 --	63.7 ----	68.7 ---
Millesim	67.1 -	68.3 -	69.3 -	61.7 --	69.0 ---
ES Tarock	68.0 ---	68.7 --	69.7 --	63.7 ----	70.0 ----
Gottardo KWS	67.9 ---	69.0 ----	69.7 --	62.3 ---	70.7 ----
DKC 3531	68.7 ----	70.0 -----	70.3 ---	65.0 -----	69.3 ----
LG 30.248	68.3 ----	69.0 ----	69.3 -	64.7 ----	70.3 ----
LG 30.215	67.3 --	68.7 --	69.3 -	62.3 ---	69.0 ---
P7631	67.3 -	68.3 -	69.0 -	63.3 ---	68.3 --
DKC 3440	68.5 ----	69.7 -----	69.7 --	63.0 ----	71.7 -----
SY Amboss	69.6 -----	70.3 -----	71.3 -----	65.3 -----	71.3 -----
P8200	68.2 ----	69.0 ----	69.3 -	64.7 ----	69.7 ----
Xxilo	68.5 ----	69.0 ----	70.0 ---	63.0 ----	72.0 -----
Coditank	68.7 ----	69.3 -----	70.0 ---	63.7 ----	71.7 -----
-Bezugsgrösse(n)	68.1 ----	69.5 -----	70.2 ---	63.5 -----	69.3 ----
Versuchs-Mittel	68.5 -----	69.2 -----	70.0 ---	64.2 -----	70.6 -----
VK [%]	1.6	0.8	1.4	2.2	1.7
KGD (5%)	0.9	0.9	1.6	2.3	2.0
KGD (1%)	1.2	1.1	2.1	3.1	2.6
Versuchs-Streuung	1.1	0.5	1.0	1.4	1.2
FG Fehlerterm	312.0	78.0	78.0	78.0	78.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	353.3	39	7.64 ***	1.44	0.0000
Anbauorte	3130.8	3	880.48 ***	2.63	0.0000
WW Verf.*Anb.Orte	245.2	117	1.77 ***	1.28	0.0009
Fehler	369.8	312			
Insgesamt	4099.1	471			

Rendement en grain estimé par le NIRS) [dt/ha] / Kornertrag geschätzt über NIRS [dt/ha]

Verfahren	Seriemittel	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
Geoxx	104.2 ----	87.1 ----	130.2 ----	95.4 ----
Colisee	103.2 ----	109.9 -----	109.4 -	90.2 ----
LG 30.224	110.2 -----	123.7 -----	114.7 --	92.2 ----
ES Albatros	106.5 ----	100.7 ----	131.6 ----	87.3 ----
P8025	106.9 ----	94.8 ----	133.6 ----	92.3 ----
SY Pracht	109.2 ----	101.4 ----	122.2 ---	104.0 -----
Juvento	108.5 ----	80.7 ---	151.8 -----	92.9 ----
Farmfire	105.2 ----	102.8 -----	129.4 ----	83.4 --
SY Talisman	124.2 -----	120.7 -----	146.9 -----	105.0 -----
SL10271	92.6 -	90.5 ----	110.2 -	77.2 -
Kolossalis	110.5 -----	112.2 -----	124.3 ----	94.9 -----
LZM264/30	102.3 ---	101.9 -----	122.7 ---	82.1 --
LZM163/52	107.3 ----	111.9 -----	113.8 -	96.1 -----
SM E0175	98.1 --	66.9 -	128.5 ----	98.9 -----
CSM3168	108.6 ----	119.0 -----	121.9 ---	85.1 ---
Genialis KWS	124.1 -----	130.5 -----	153.4 -----	88.3 ----
KXB4138	101.7 ---	87.1 ----	118.2 --	99.8 -----
KXB4303	114.0 -----	107.7 -----	136.8 -----	97.5 -----
P8372	113.4 -----	106.3 -----	121.9 ---	112.0 -----
SC1153	120.0 -----	128.4 -----	126.1 ----	105.4 -----
SB1553	113.6 -----	108.6 -----	130.3 ----	101.9 -----
Tapas	104.7 ----	76.7 --	137.3 -----	100.0 -----
EP2814	124.5 -----	116.6 -----	155.1 -----	101.9 -----
EP3463	125.8 -----	136.5 -----	135.4 ----	105.4 -----
ES Metronom	122.6 -----	103.5 ----	159.7 -----	104.6 -----
DSP42330	107.1 ----	72.4 -	144.7 -----	104.3 -----
MAS 20.S	112.6 -----	101.3 -----	143.7 -----	92.8 ----
LG 30.218	116.5 -----	128.7 -----	135.1 -----	85.6 ---
Millesim	103.6 ----	108.8 -----	123.3 ---	78.8 -
ES Tarock	106.9 ----	107.6 -----	126.3 ----	86.9 ---
Gottardo KWS	110.9 -----	112.8 -----	124.3 ----	95.5 -----
DKC 3531	118.8 -----	117.3 -----	148.9 -----	90.1 ----
LG 30.248	105.5 ----	104.0 ----	123.7 ---	88.9 ----
LG 30.215	109.1 ----	91.3 ---	142.1 -----	93.8 ----
P7631	112.5 ----	119.9 -----	124.8 ----	92.8 ----
DKC 3440	126.8 -----	116.7 -----	153.8 -----	110.1 -----
SY Amboss	111.5 -----	118.2 -----	121.9 ---	94.5 -----
P8200	113.1 -----	102.3 -----	137.9 -----	99.0 -----
Xxilo	99.9 ---	86.7 ---	120.7 ---	92.3 ----
Coditank	118.7 -----	119.2 -----	145.0 -----	91.7 ----
-Bezugsgrösse(n)	109.3 ----	102.2 ----	133.2 ----	92.6 ----
Versuchs-Mittel	110.9 -----	105.8 -----	132.0 ----	94.8 -----
VK [%]	13.9	16.3	13.8	11.9
KGD (5%)	15.2	28.0	ns	18.3
KGD (1%)	20.0	37.1	ns	ns
Versuchs-Streuung	15.4	17.2	18.3	11.3
FG Fehlerterm	195.0	78.0	39.0	78.0
Anz. Beob.	8.0	3.0	2.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	20404.6	39	2.22 ***	1.46	0.0007
Anbauorte	78157.7	2	165.50 ***	3.04	0.0000
WW Verf.*Anb.Orte	31594.8	78	1.72 **	1.35	0.0015
Fehler	46045.1	195			
Insgesamt	176202.1	314			

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
Geox	6.9 -	6.5 ----	6.8 ---	6.9 -	7.1 ---
Colisee	6.9 --	6.8 -----	6.9 ----	6.8 -	7.4 -----
LG 30.224	7.0 -----	6.6 ----	6.9 -----	7.1 -----	7.5 -----
ES Albatros	7.0 ---	6.5 ----	6.8 ----	6.9 -	7.3 -----
P8025	6.8 -	6.1 -	6.6 -	7.0 ---	7.1 ---
SY Pracht	7.0 ---	6.8 -----	7.0 -----	7.0 ---	7.2 ----
Juvento	7.0 ----	7.2 -----	6.8 ---	7.0 ----	7.0 ---
Farmfire	7.1 -----	7.2 -----	6.9 -----	6.9 --	7.2 -----
SY Talisman	7.1 -----	7.0 -----	7.0 -----	7.2 -----	7.3 -----
SL10271	6.9 -	6.6 ----	6.8 ---	7.0 ---	7.0 --
Kolossal	7.0 ----	6.7 ----	7.0 -----	6.8 -	7.3 -----
LZM264/30	7.0 ----	6.8 -----	7.0 -----	7.0 ---	7.2 -----
LZM163/52	7.0 ----	6.7 -----	6.9 ----	7.0 ---	7.4 -----
SM E0175	7.0 ---	6.8 -----	7.0 -----	7.1 -----	6.9 -
CSM3168	7.1 -----	6.9 -----	7.1 -----	7.2 -----	7.6 -----
Genialis KWS	7.1 -----	6.9 -----	7.0 -----	7.2 -----	7.6 -----
KXB4138	7.0 -----	7.0 -----	6.9 ----	6.9 ---	7.2 ----
KXB4303	7.2 -----	7.1 -----	7.0 -----	7.3 -----	7.3 -----
P8372	6.9 --	6.7 -----	6.7 --	6.8 -	7.4 -----
SC1153	7.3 -----	7.4 -----	7.1 -----	7.4 -----	7.5 -----
SB1553	7.1 -----	6.7 ----	7.2 -----	7.0 ---	7.6 -----
Tapas	7.0 ---	6.6 ----	6.8 ---	7.1 ----	7.1 ---
EP2814	7.1 -----	6.9 -----	6.9 -----	6.8 -	7.4 -----
EP3463	7.1 -----	6.6 ----	6.9 ----	7.3 -----	7.6 -----
ES Metronom	7.1 -----	6.9 -----	6.8 ---	7.1 -----	7.3 -----
DSP42330	7.0 ----	7.0 -----	6.7 --	7.2 -----	7.1 ----
MAS 20.S	6.9 ---	6.7 ----	6.8 ---	7.0 ----	7.4 -----
LG 30.218	7.0 ----	6.3 --	7.0 -----	7.0 ----	7.5 -----
Millesim	7.1 -----	6.8 -----	7.1 -----	7.2 -----	7.4 -----
ES Tarock	7.1 -----	6.6 ----	7.2 -----	7.2 -----	7.4 -----
Gottardo KWS	7.0 ----	6.6 ----	7.0 -----	7.3 -----	7.2 ----
DKC 3531	7.2 -----	6.9 -----	7.2 -----	7.1 ----	7.5 -----
LG 30.248	7.1 -----	6.7 ----	7.0 -----	7.2 -----	7.3 ----
LG 30.215	7.1 -----	7.1 -----	6.8 ---	6.9 --	7.2 ----
P7631	7.3 -----	7.2 -----	7.3 -----	7.3 -----	7.4 -----
DKC 3440	7.1 -----	6.8 ----	7.2 -----	7.3 -----	7.4 -----
SY Amboss	7.0 ----	6.8 -----	6.9 ----	7.0 ---	7.4 -----
P8200	7.0 ---	6.9 -----	6.8 ---	7.2 -----	7.0 --
Xxilo	6.8 -	6.8 -----	6.6 -	6.9 -	6.9 -
Coditank	7.1 -----	6.7 ----	7.4 -----	7.4 -----	7.1 ----
-Bezugsgrösse(n)	7.0 ----	6.9 -----	6.9 ----	7.1 -----	7.2 -----
Versuchs-Mittel	7.0 -----	6.8 -----	6.9 -----	7.1 -----	7.3 -----
VK [%]	2.9	4.6	2.3	3.3	2.7
KGD (5%)	0.1	0.5	0.3	0.4	0.3
KGD (1%)	0.2	ns	0.3	ns	0.4
Versuchs-Streuung	0.2	0.3	0.2	0.2	0.2
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	8.9	39	5.38 ***	1.42	0.0000
Anbauorte	20.5	6	80.83 ***	2.12	0.0000
WW Verf.*Anb.Orte	14.8	234	1.50 ns	1.20	
Fehler	21.4	507			
Insgesamt	65.5	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	7.2 -----	6.7 --	7.0 ---
Colisee	7.0 ----	6.6 -	7.0 ----
LG 30.224	7.1 ----	6.9 -----	7.1 -----
ES Albatros	7.4 -----	6.7 ---	7.0 ----
P8025	7.3 -----	6.8 ----	7.0 ----
SY Pracht	7.1 -----	6.8 ----	7.0 ---
Juvento	7.0 ----	6.9 -----	7.0 ----
Farmfire	7.1 -----	6.9 -----	7.2 -----
SY Talisman	7.2 -----	6.9 -----	7.0 ----
SL10271	7.0 ----	6.7 --	7.0 ----
Kolossal	7.2 -----	6.9 -----	7.1 -----
LZM264/30	7.1 -----	6.8 ----	6.9 ---
LZM163/52	7.1 -----	7.0 -----	6.8 -
SM E0175	7.1 ----	6.9 -----	7.1 ----
CSM3168	7.3 -----	6.9 -----	6.9 --
Genialis KWS	7.2 -----	7.0 -----	7.1 -----
KXB4138	7.0 ----	7.1 -----	7.2 -----
KXB4303	7.2 -----	6.9 -----	7.2 -----
P8372	6.8 -	6.8 ----	7.0 ----
SC1153	7.4 -----	7.1 -----	7.3 -----
SB1553	7.3 -----	6.7 --	7.2 -----
Tapas	7.2 -----	6.9 -----	7.1 -----
EP2814	7.3 -----	7.1 -----	7.2 -----
EP3463	7.1 -----	6.7 ---	7.3 -----
ES Metronom	7.4 -----	6.9 -----	7.1 ----
DSP42330	7.3 -----	6.7 --	7.1 -----
MAS 20.S	6.9 ---	6.8 ----	7.0 ----
LG 30.218	7.2 -----	6.9 -----	6.9 --
Millesim	7.4 -----	6.9 -----	7.2 -----
ES Tarock	7.2 -----	6.9 -----	7.0 ----
Gottardo KWS	7.1 -----	6.9 -----	7.1 -----
DKC 3531	7.4 -----	7.1 -----	7.3 -----
LG 30.248	7.4 -----	7.0 -----	7.2 -----
LG 30.215	7.3 -----	7.0 -----	7.1 ----
P7631	7.4 -----	7.1 -----	7.2 -----
DKC 3440	7.3 -----	6.8 ----	7.2 -----
SY Amboss	6.9 ---	7.0 -----	7.3 -----
P8200	7.2 -----	6.7 --	7.0 ----
Xxilo	7.1 -----	6.6 -	7.1 ----
Coditank	7.0 ----	6.8 ----	7.3 -----
-Bezugsgrösse(n)	7.0 ----	6.9 -----	7.1 -----
Versuchs-Mittel	7.2 -----	6.9 -----	7.1 -----
VK [%]	2.3	2.2	2.1
KGD (5%)	0.3	0.2	0.2
KGD (1%)	ns	0.3	0.3
Versuchs-Streuung	0.2	0.2	0.2
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	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
Geox	7.2 -	6.8 ----	7.1 ---	7.2 -	7.4 ---
Colisee	7.3 ---	7.2 -----	7.2 ----	7.1 -	7.8 -----
LG 30.224	7.4 -----	6.8 ----	7.3 -----	7.5 -----	7.9 -----
ES Albatros	7.3 ---	6.8 ----	7.1 ----	7.2 -	7.8 -----
P8025	7.2 -	6.2 -	6.9 -	7.4 ----	7.5 ---
SY Pracht	7.3 ---	7.1 -----	7.3 -----	7.3 ---	7.6 ----
Juvento	7.4 ----	7.6 -----	7.1 ---	7.4 ----	7.4 --
Farmfire	7.4 -----	7.6 -----	7.3 -----	7.2 --	7.7 -----
SY Talisman	7.5 -----	7.4 -----	7.4 -----	7.6 -----	7.8 -----
SL10271	7.2 -	6.8 ----	7.1 ---	7.3 ---	7.3 --
Kolossal	7.3 ----	7.0 ----	7.3 ----	7.1 -	7.8 -----
LZM264/30	7.3 ---	7.1 -----	7.4 -----	7.3 ---	7.6 ----
LZM163/52	7.3 ----	7.0 -----	7.2 ----	7.3 ---	7.8 -----
SM E0175	7.3 ---	7.1 ----	7.4 ----	7.5 -----	7.2 -
CSM3168	7.5 -----	7.2 -----	7.5 -----	7.6 -----	8.1 -----
Genialis KWS	7.5 -----	7.2 -----	7.4 -----	7.7 -----	8.1 -----
KXB4138	7.4 -----	7.4 -----	7.2 ----	7.3 ---	7.6 ----
KXB4303	7.6 -----	7.5 -----	7.4 -----	7.7 -----	7.8 -----
P8372	7.2 --	7.0 ----	7.0 --	7.1 -	7.9 -----
SC1153	7.8 -----	7.8 -----	7.5 -----	7.9 -----	8.0 -----
SB1553	7.5 -----	7.0 ----	7.6 -----	7.3 ---	8.1 -----
Tapas	7.3 ---	6.9 ----	7.0 ---	7.5 ----	7.5 ---
EP2814	7.5 -----	7.3 -----	7.3 -----	7.1 -	7.9 -----
EP3463	7.5 -----	6.9 ----	7.2 ----	7.8 -----	8.1 -----
ES Metronom	7.4 -----	7.2 ----	7.1 ---	7.5 -----	7.7 ----
DSP42330	7.4 ----	7.3 -----	7.0 --	7.6 -----	7.6 ----
MAS 20.S	7.3 ---	6.9 ----	7.1 ---	7.4 ----	7.8 -----
LG 30.218	7.3 ----	6.4 --	7.4 -----	7.4 ----	8.1 -----
Millesim	7.5 -----	7.0 ----	7.5 -----	7.6 -----	7.9 -----
ES Tarock	7.5 -----	6.9 ----	7.7 -----	7.6 -----	7.9 -----
Gottardo KWS	7.4 -----	6.9 ----	7.4 -----	7.8 -----	7.7 ----
DKC 3531	7.6 -----	7.2 -----	7.6 -----	7.4 ----	8.0 -----
LG 30.248	7.5 -----	7.0 ----	7.3 ----	7.6 -----	7.7 ----
LG 30.215	7.4 ----	7.5 -----	7.1 ---	7.2 --	7.6 ----
P7631	7.7 -----	7.6 -----	7.7 -----	7.7 -----	7.9 -----
DKC 3440	7.5 -----	7.1 ----	7.6 -----	7.7 -----	7.8 -----
SY Amboss	7.4 -----	7.0 ----	7.2 ----	7.3 ---	7.9 -----
P8200	7.3 ---	7.3 -----	7.1 ---	7.6 -----	7.4 ---
Xxilo	7.1 -	7.1 -----	6.8 -	7.2 -	7.2 -
Coditank	7.5 -----	7.0 ----	7.8 -----	7.8 -----	7.6 ----
-Bezugsgrösse(n)	7.4 ----	7.2 -----	7.2 ----	7.5 -----	7.6 ----
Versuchs-Mittel	7.4 -----	7.1 -----	7.3 -----	7.5 -----	7.7 -----
VK [%]	3.6	5.7	2.9	4.1	3.3
KGD (5%)	0.2	0.7	0.3	0.5	0.4
KGD (1%)	0.2	ns	0.5	ns	0.5
Versuchs-Streuung	0.3	0.4	0.2	0.3	0.3
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	15.2	39	5.39 ***	1.42	0.0000
Anbauorte	32.9	6	76.04 ***	2.12	0.0000
WW Verf.*Anb.Orte	24.8	234	1.47 ns	1.20	
Fehler	36.6	507			
Insgesamt	109.4	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	7.5 -----	6.9 --	7.3 ---
Colisee	7.4 -----	6.8 -	7.3 ----
LG 30.224	7.5 -----	7.3 -----	7.5 -----
ES Albatros	7.9 -----	7.1 ----	7.4 ----
P8025	7.7 -----	7.1 ----	7.3 ----
SY Pracht	7.5 -----	7.1 ----	7.3 ---
Juvento	7.4 -----	7.3 -----	7.4 -----
Farmfire	7.4 -----	7.2 -----	7.6 -----
SY Talisman	7.6 -----	7.3 -----	7.3 ----
SL10271	7.4 -----	6.9 --	7.4 ----
Kolossalis	7.5 -----	7.3 -----	7.5 -----
LZM264/30	7.5 -----	7.1 ----	7.3 ---
LZM163/52	7.4 -----	7.4 -----	7.1 -
SM E0175	7.4 -----	7.2 ----	7.4 ----
CSM3168	7.7 -----	7.2 -----	7.2 --
Genialis KWS	7.6 -----	7.3 -----	7.4 -----
KXB4138	7.4 -----	7.4 -----	7.6 -----
KXB4303	7.6 -----	7.2 -----	7.6 -----
P8372	7.0 -	7.1 ----	7.3 ----
SC1153	7.9 -----	7.5 -----	7.7 -----
SB1553	7.7 -----	7.0 ---	7.6 -----
Tapas	7.6 -----	7.3 -----	7.5 -----
EP2814	7.8 -----	7.5 -----	7.6 -----
EP3463	7.5 -----	7.0 ---	7.7 -----
ES Metronom	7.9 -----	7.3 -----	7.5 ----
DSP42330	7.7 -----	6.9 --	7.5 -----
MAS 20.S	7.3 ----	7.1 ----	7.3 ----
LG 30.218	7.6 -----	7.2 -----	7.2 --
Millesim	7.8 -----	7.2 -----	7.6 -----
ES Tarock	7.6 -----	7.2 -----	7.4 ----
Gottardo KWS	7.4 -----	7.3 -----	7.5 -----
DKC 3531	7.8 -----	7.6 -----	7.7 -----
LG 30.248	7.9 -----	7.3 -----	7.6 -----
LG 30.215	7.8 -----	7.4 -----	7.5 ----
P7631	7.8 -----	7.5 -----	7.7 -----
DKC 3440	7.8 -----	7.1 ----	7.7 -----
SY Amboss	7.2 ---	7.3 -----	7.7 -----
P8200	7.6 -----	7.0 ---	7.4 ----
Xxilo	7.4 -----	6.9 -	7.4 ----
Coditank	7.4 -----	7.1 ----	7.8 -----
-Bezugsgrösse(n)	7.4 -----	7.3 -----	7.5 -----
Versuchs-Mittel	7.5 -----	7.2 -----	7.5 -----
VK [%]	2.8	2.7	2.6
KGD (5%)	0.4	0.3	0.3
KGD (1%)	ns	0.4	0.4
Versuchs-Streuung	0.2	0.2	0.2
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
Geox	150.9 -----	141.7 -----	135.4 -----	157.8 -----	143.1 -----
Colisee	136.2 -	133.7 -----	119.9 -	133.8 --	150.8 -----
LG 30.224	151.0 -----	136.7 ----	144.2 -----	158.4 -----	165.1 -----
ES Albatros	149.3 ----	141.2 -----	125.6 ---	154.1 -----	137.3 -----
P8025	146.8 ----	123.2 ---	128.2 ---	151.3 -----	135.4 -----
SY Pracht	149.1 -----	147.7 -----	148.2 -----	162.3 -----	145.3 -----
Juvento	148.7 ----	152.8 -----	127.0 ---	137.5 --	136.7 -----
Farmfire	154.1 -----	166.8 -----	135.5 -----	149.6 ----	141.6 -----
SY Talisman	150.1 -----	136.5 ----	144.6 -----	157.2 -----	152.4 -----
SL10271	144.5 ----	134.3 ----	124.9 --	169.8 -----	141.0 -----
Kolossal	152.6 -----	131.4 ----	140.9 -----	156.3 -----	157.8 -----
LZM264/30	149.3 ----	141.8 -----	131.2 ----	145.7 ----	145.1 -----
LZM163/52	145.3 ----	140.2 -----	131.0 ----	149.0 ----	146.4 -----
SM E0175	142.8 ---	142.6 -----	134.4 ----	156.1 -----	101.6 -
CSM3168	150.5 -----	135.0 ----	142.7 -----	167.5 -----	149.6 -----
Genialis KWS	159.4 -----	152.4 -----	130.5 ----	156.7 -----	169.2 -----
KXB4138	158.1 -----	164.9 -----	135.7 -----	171.6 -----	139.3 -----
KXB4303	155.0 -----	153.0 -----	137.6 -----	161.2 -----	150.8 -----
P8372	147.6 ----	158.4 -----	141.7 -----	128.3 -	134.1 ----
SC1153	157.2 -----	142.6 ----	148.7 -----	161.7 -----	157.6 -----
SB1553	156.2 -----	149.8 -----	132.1 ----	168.7 -----	146.6 -----
Tapas	150.4 -----	127.3 ----	134.0 ----	166.1 -----	123.4 ----
EP2814	148.7 ----	127.6 ----	135.5 -----	150.8 ----	145.7 -----
EP3463	157.9 -----	128.9 ----	148.0 -----	164.0 -----	169.8 -----
ES Metronom	164.3 -----	146.3 -----	139.0 -----	155.5 -----	146.1 -----
DSP42330	146.7 ----	142.6 ----	137.4 -----	170.2 -----	106.8 -
MAS 20.S	146.6 ----	136.7 ----	131.7 ----	155.6 -----	136.4 -----
LG 30.218	141.3 --	127.0 ----	121.4 -	139.3 ---	159.8 -----
Millesim	147.3 ----	131.1 ----	144.4 -----	151.9 ----	147.8 -----
ES Tarock	151.3 -----	109.2 -	139.9 -----	159.5 -----	152.0 -----
Gottardo KWS	153.2 -----	141.4 -----	125.5 ---	179.3 -----	147.9 -----
DKC 3531	156.8 -----	156.1 -----	146.1 -----	146.3 ----	153.6 -----
LG 30.248	155.6 -----	154.7 -----	133.8 ----	153.9 -----	153.9 -----
LG 30.215	143.3 ---	144.4 -----	123.9 --	142.5 ---	130.8 ----
P7631	141.5 --	151.8 -----	120.4 -	134.7 --	150.3 -----
DKC 3440	160.8 -----	142.2 ----	145.3 -----	172.6 -----	154.5 -----
SY Amboss	156.4 -----	154.9 -----	137.5 -----	161.9 -----	158.6 -----
P8200	148.2 ----	133.7 ----	137.8 -----	166.5 -----	138.4 -----
Xxilo	151.1 -----	160.9 -----	130.8 ----	159.2 -----	134.5 ----
Coditank	148.8 ----	138.5 -----	146.6 -----	155.4 -----	151.0 -----
-Bezugsgrösse(n)	149.9 ----	144.8 -----	135.6 -----	148.0 ----	150.9 -----
Versuchs-Mittel	150.6 -----	142.1 -----	135.5 -----	156.0 -----	145.2 -----
VK [%]	10.1	13.2	10.8	9.3	12.5
KGD (5%)	9.5	ns	ns	23.7	29.5
KGD (1%)	12.4	ns	ns	ns	ns
Versuchs-Streuung	15.2	18.7	14.7	14.6	18.1
FG Fehlerterm	507.0	78.0	78.0	78.0	78.0
Anz. Beob.	20.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	26711.4	39	2.96 ***	1.42	0.0001
Anbauorte	169283.6	6	121.87 ***	2.12	0.0000
WW Verf.*Anb.Orte	79745.5	234	1.47 ns	1.20	
Fehler	117372.9	507			
Insgesamt	393113.3	786			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	188.6 ----	133.2 ----	156.5 ----
Colisee	149.7 -	123.0 -	142.4 -
LG 30.224	162.9 --	137.2 ----	152.7 ----
ES Albatros	185.8 ----	134.1 ----	167.3 -----
P8025	187.6 ----	137.3 ----	164.2 ----
SY Pracht	162.5 --	134.5 ----	143.5 -
Juvento	187.7 ----	145.6 -----	153.8 ----
Farmfire	179.7 ----	128.5 --	177.0 -----
SY Talisman	172.8 ---	141.1 -----	146.0 --
SL10271	166.6 --	130.0 ---	145.2 --
Kolossal	187.7 ----	138.1 ----	155.8 ----
LZM264/30	187.3 ----	131.1 ---	162.6 -----
LZM163/52	157.3 -	140.8 -----	152.7 ----
SM E0175	174.6 ---	137.8 ----	152.7 ----
CSM3168	166.1 --	131.6 ---	161.1 -----
Genialis KWS	209.5 -----	137.5 ----	160.2 ----
KXB4138	173.9 ---	155.8 -----	165.3 -----
KXB4303	184.4 ----	132.7 ---	165.4 -----
P8372	158.8 --	153.7 -----	157.9 ----
SC1153	166.0 --	141.6 ----	181.9 -----
SB1553	193.0 ----	132.0 ---	171.2 -----
Tapas	190.6 ----	145.8 -----	165.4 -----
EP2814	185.6 ----	133.5 ----	162.3 ----
EP3463	179.9 ----	141.0 ----	173.5 -----
ES Metronom	239.8 -----	157.2 -----	166.4 -----
DSP42330	176.2 ----	137.5 ----	156.5 ----
MAS 20.S	180.1 ----	134.0 ----	151.9 ---
LG 30.218	171.0 ---	126.0 -	144.2 -
Millesim	175.2 ---	123.6 -	157.5 ----
ES Tarock	188.1 ----	151.9 -----	158.7 ----
Gottardo KWS	183.5 ----	135.4 ----	159.7 ----
DKC 3531	202.3 -----	132.3 ---	160.9 -----
LG 30.248	180.6 ----	145.8 -----	166.5 -----
LG 30.215	179.3 ----	137.2 ----	145.2 --
P7631	166.0 --	127.0 --	140.5 -
DKC 3440	206.4 -----	140.9 ----	163.4 -----
SY Amboss	178.0 ----	151.3 -----	152.3 ---
P8200	175.0 ---	131.5 ---	154.8 ----
Xxilo	187.5 ----	133.4 ----	151.6 ---
Coditank	169.2 ---	128.1 --	152.7 ----
-Bezugsgrösse(n)	175.3 ---	141.4 -----	153.3 ----
Versuchs-Mittel	180.4 ----	137.3 ----	158.0 ----
VK [%]	10.0	7.0	7.6
KGD (5%)	ns	15.6	19.6
KGD (1%)	ns	20.7	26.0
Versuchs-Streuung	18.0	9.6	12.1
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	3.0	3.0

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
Geox	73.5	----	71.0	-----	65.7	-----	75.7	-----	65.7	----
Colisee	68.9	-	68.7	-----	59.1	-	64.8	-	81.3	-----
LG 30.224	73.9	----	60.8	----	68.1	-----	83.7	-----	89.3	-----
ES Albatros	72.8	---	64.5	-----	58.2	-	75.8	-----	72.3	-----
P8025	72.0	---	55.6	---	61.7	--	78.5	-----	65.8	----
SY Pracht	73.6	----	73.6	-----	70.3	-----	83.0	-----	71.5	----
Juvento	72.7	---	79.5	-----	62.3	---	65.6	-	62.5	----
Farmfire	76.3	-----	86.0	-----	65.8	-----	72.3	----	74.2	-----
SY Talisman	78.1	-----	70.6	-----	72.7	-----	80.7	-----	82.7	-----
SL10271	68.6	-	62.0	----	60.1	--	84.8	-----	65.1	----
Kolossal	74.7	-----	62.5	-----	66.9	-----	75.1	-----	82.3	-----
LZM264/30	71.1	--	70.9	-----	61.4	--	68.2	--	74.0	-----
LZM163/52	73.0	----	71.4	-----	65.5	----	75.5	-----	76.8	-----
SM E0175	71.7	---	71.7	-----	68.2	-----	78.0	-----	48.1	-
CSM3168	76.8	-----	68.6	-----	72.4	-----	85.9	-----	84.0	-----
Genialis KWS	81.8	-----	76.2	-----	63.2	---	81.0	-----	94.5	-----
KXB4138	77.4	-----	83.5	-----	67.4	----	86.1	-----	65.8	----
KXB4303	79.1	-----	77.2	-----	69.4	-----	83.2	-----	78.5	-----
P8372	73.9	----	80.9	-----	67.3	----	64.1	-	73.9	-----
SC1153	83.4	-----	75.7	-----	76.1	-----	87.7	-----	89.6	-----
SB1553	77.6	-----	70.3	-----	65.5	----	85.5	-----	78.6	-----
Tapas	72.2	---	60.0	----	61.9	---	81.0	-----	55.8	--
EP2814	76.4	-----	65.0	-----	64.0	----	73.7	----	80.3	-----
EP3463	79.1	-----	58.6	---	70.7	-----	81.0	-----	96.4	-----
ES Metronom	80.8	-----	73.9	-----	65.1	----	77.5	-----	74.9	-----
DSP42330	73.9	----	73.6	-----	66.3	-----	85.0	-----	51.5	-
MAS 20.S	74.6	-----	69.3	-----	67.2	-----	79.1	-----	71.6	-----
LG 30.218	70.8	--	57.2	---	61.9	---	70.0	---	88.7	-----
Millesim	74.6	-----	66.6	-----	73.9	-----	75.5	-----	79.6	-----
ES Tarock	72.1	---	47.4	-	68.8	-----	78.2	-----	77.1	-----
Gottardo KWS	76.6	-----	69.3	-----	62.2	---	92.3	-----	78.6	-----
DKC 3531	79.5	-----	80.6	-----	72.9	-----	72.3	----	84.9	-----
LG 30.248	74.3	----	75.6	-----	65.4	----	72.1	---	75.1	-----
LG 30.215	73.4	----	78.4	-----	63.2	---	68.9	--	64.9	----
P7631	74.0	----	79.5	-----	62.8	---	67.0	--	84.2	-----
DKC 3440	82.0	-----	72.8	-----	73.1	-----	87.6	-----	83.1	-----
SY Amboss	77.3	-----	77.0	-----	69.7	-----	81.5	-----	86.0	-----
P8200	75.1	-----	70.6	-----	66.3	-----	86.8	-----	70.7	-----
Xxilo	73.3	----	83.4	-----	65.7	-----	80.7	-----	61.9	---
Coditank	76.4	-----	70.2	-----	77.1	-----	80.3	-----	81.1	-----
-Bezugsgrösse(n)	73.3	----	70.2	-----	65.2	----	74.7	----	75.9	-----
Versuchs-Mittel	75.2	-----	70.8	-----	66.6	-----	78.1	-----	75.6	-----
VK [%]	12.4		15.7		11.9		11.9		16.3	
KGD (5%)	5.8		18.1		ns		15.2		20.1	
KGD (1%)	7.6		ns		ns		ns		26.6	
Versuchs-Streuung	9.3		11.1		7.9		9.3		12.3	
FG Fehlerterm	507.0		78.0		78.0		78.0		78.0	
Anz. Beob.	20.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	9349.0	39	2.76	***	1.42	0.0002
Anbauorte	50953.7	6	97.94	***	2.12	0.0000
WW Verf.*Anb.Orte	34304.2	234	1.69	***	1.20	0.0008
Fehler	43963.1	507				
Insgesamt	138570.1	786				

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Geoxx	89.8 ----	63.1 ----	83.2 ----
Colisee	72.5 -	59.2 ---	76.3 --
LG 30.224	74.3 -	61.7 ----	79.6 ---
ES Albatros	90.9 ----	61.2 ----	87.0 ----
P8025	91.5 ----	63.6 ----	87.5 ----
SY Pracht	77.7 --	64.4 ----	74.4 -
Juvento	91.9 ----	66.6 ----	80.4 ----
Farmfire	83.7 ---	57.3 -	94.7 ----
SY Talisman	91.2 ----	70.4 ----	78.0 ---
SL10271	77.2 --	55.9 -	75.3 --
Kolossal	88.1 ----	65.8 ----	81.9 ----
LZM264/30	82.8 ---	57.0 -	83.3 ----
LZM163/52	73.8 -	66.7 ----	81.6 ----
SM E0175	84.2 ---	67.6 ----	84.2 ----
CSM3168	80.6 --	59.2 ---	87.2 ----
Genialis KWS	107.5 ----	63.8 ----	86.7 ----
KXB4138	80.7 ---	71.4 ----	87.0 ----
KXB4303	93.3 ----	64.5 ----	87.6 ----
P8372	74.6 -	73.4 ----	83.0 ----
SC1153	84.3 ---	71.2 ----	98.9 ----
SB1553	90.1 ----	62.7 ----	90.5 ----
Tapas	94.2 ----	67.3 ----	85.2 ----
EP2814	98.8 ----	67.1 ----	85.7 ----
EP3463	90.4 ----	64.8 ----	91.8 ----
ES Metronom	115.1 ----	72.4 ----	86.7 ----
DSP42330	95.7 ----	65.9 ----	79.5 ---
MAS 20.S	90.8 ----	62.8 ----	81.2 ----
LG 30.218	87.2 ----	57.9 --	72.6 -
Millesim	87.5 ----	56.9 -	82.3 ----
ES Tarock	89.4 ----	65.2 ----	78.4 ---
Gottardo KWS	83.8 ---	65.6 ----	84.6 ----
DKC 3531	99.8 ----	62.4 ----	83.3 ----
LG 30.248	86.0 ----	62.3 ----	83.5 ----
LG 30.215	93.7 ----	67.0 ----	77.5 --
P7631	85.1 ---	64.1 ----	74.9 -
DKC 3440	104.1 ----	70.4 ----	83.2 ----
SY Amboss	80.5 --	68.2 ----	78.1 ---
P8200	89.9 ----	62.1 ----	79.1 ---
Xxilo	83.6 ---	60.9 ----	77.1 --
Coditank	87.0 ----	60.0 ---	79.3 ---
-Bezugsgrösse(n)	83.1 ---	64.2 ----	80.0 ---
Versuchs-Mittel	88.1 ----	64.2 ----	82.8 ----
VK [%]	12.1	8.4	8.7
KGD (5%)	ns	8.8	11.7
KGD (1%)	ns	11.6	ns
Versuchs-Streuung	10.6	5.4	7.2
FG Fehlerterm	39.0	78.0	78.0
Anz. Beob.	2.0	3.0	3.0

3.3 Serie mittelspät / spät

3.3.1 Standortangaben

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	Saattermin / date de semis	Erntetermin / date de récolte
1260	Changins	430	30.4.2015	10.9.2015
1376	Goumoens	622	22.5.2015	Wasserstress > unregelmässiger Feldaufgang > aufgegeben.
1567	Delley (Avenches)	434	12.5.2015	21.9.2015
1896	Vouvry	404	10.6.2015	Nach 2. Saat unregelmässiger Feldaufgang > aufgegeben.
3065	Habstetten	680	12.5.2015	22.10.2015
8046	Reckenholz	440	25.5.2015	12.10.2015
8196	Eglisau	390	11.5.2015	2.10.2015; Daten nicht für Auswertung berücksichtigt, aber dargestellt.
8566	Ellighausen	517	14.5.2015	21.10.2015
9443	Hinterforst	449	13.5.2015	9.10.2015

3.3.2 Sorten/Status

Name	Synonym	Hybrid Typ	Züchter	Vertreter	KM	SM
NK Silotop	NX 17066	SC	Syngenta / CH	Syngenta, Dielsdorf		SM21/S
P8488		SC	Pioneer / USA	Pioneer Manno		SM21/S
Palmer	LZM358/21	SC	Limagrain/ F	Hauenstein, Rafz		SM21/S
P8609	X80B365	SC	Pioneer	Pioneer		SM21/S
Quincey	LZM 361/09	SC	Limagrain / Europe	Fenaco, Moudon		SM21/S
Agro Polis	KXB3142	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e2
Frederico KWS	KXB3154	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e2
Walterinio KWS	KXB3181	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e2
Figaro	KXB3329	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e2	SM21/e2
Kawaxx	RH110066	TC	RAGT 2n	Fenaco, Moudon		SM21/e2
Geoxx	RH08023	SC	R2n, RAGT	Fenaco, Moudon		SM11/S
LG 30.224	LZM260/58	SC	Limagrain / Europe	Fenaco, Moudon		SM11/S
Kolossal	KXB3309	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e2	SM11/e2
SY Madras	SB1542	SC	Syngenta	Syngenta, Dielsdorf		SM11/e2
Kalideas	KXB3319	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
KXB4319	KXB4319	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM21/e1
KXB4132	KXB4132	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
SY Gibuti	SC1622	SC	Syngenta, CH	Syngenta, Dielsdorf	KM21/e1	SM21/e1
Indexx	RH09029	SC	R2n	Fenaco, Moudon		SM21/T
LG 30.306	LZM 358/69	SC	Limagrain / Europe	Fenaco, Moudon		SM21/T

3.3.3 Standorteigenschaften und Bewirtschaftungsmassnahmen

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:	limoneux	sandiger Lehm	Argile tourbeux	tiefgründige Braunerde	tiefgründige Para- braunerde	pH 7.5; Lehm	Schwach humoser Lehm
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):	361 mm; 1838°C Starkniederschläge erste Maiwoche/ grosses précipitations (130 mm/m2) première semaine mai, Bewässerung/irrigation : 5.6.: 25mm; 26.6.: 20mm; 1.7.: 30mm; 11.7.: 30mm; 20.7.: 30mm	n.a. mm 1702 °C	223.6 mm 1792.5 °C	280 mm 1674 °C	-	434 mm 1614 °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), 10 m2 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	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 + engrais vert sans légumineuses	Gerste / orge	Blé d'automne	Kunstwiese / prairie temporaire / temporary grassland	Zuckerrüben	Raps + Zwischenfutter	Kunstwiese
Bodenbearbeitung / travail du sol / soil cultivation:	Pflug / charrue / plough (Nov 14); Kreiselegge / herse rotative / rotary harrow (Mai / mai / may)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	09.03.15: labour 11.05.15: herse rotative	Pflug / charrue / plough (23.5.15); Kreiselegge / herse rotative / rotary harrow (25.5.15)	Grubber / Kreiselegge	Pflug / charrue / plough (14.5.15); Federzahnegge / herse / harrow	Streifenfräse
Saat / date de semis / sowing date:	30.04.2015	13.05.2015	12.05.2015	25.5.2015	11.05.2015	14.05.2015	13.05.2015
Ernte / date de récolte / harvest date:	10.9.15	22.10.15	21.09.2015	12.10.15	02. 10. 2015	21.10.2015	09.10.2015
Saatdichte / densité de semis / sowing density:	9.5 Körner / grains pro m2	9.5 Körner / grains pro m2	Semis: 12.1 grains pro m2, éclaircit à 10.3 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

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.)
Vegetationsdauer / durée de vegetation / growing period	133 Tage / jours / days	162 Tage / jours / days	132 jours	140 Tage / jours / days	144 Tage / jours / days	160 Tage / jours / days	149 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:	sarclage pattes d'oies pour décrouter stade 2 feuilles	-	-	2 x hacken Nachauflauf zwischen den Reihen / sarclage (après la levée) entre les lignées / hoeing after emergence in between rows (12.6.15, 29.6.15)	-	-	-
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Banvel 4S 0.5l, Dasul 1l, Garda Gold nouveau 4l (10.6.15)	Calaris 1.5l, Dual Gold 1.2l (28.05.15)	05.06.15 (3-4 feuilles): Elumis 1 lt/ha + Gardo Gold 1,9 lt/ha 18.06.15: Elumis 1 lt/ha + Gardo Gold 1 lt/ha	Andil 1kg/ha, Dasul 1l/ha, Mikado 1l/ha (7.7.15)	Gardo Gold 4lt/ ha, Calisto 0.8 lt/ ha, Dasul 0.8 lt/ ha	Gardo Gold 4l/ha + Callisto 0.75l/ha + Banvel 4S 0.5l/ha (15.5.15)	2 l/ha Equip + 1.5 l/ha Aspect (2.6.15)
Grunddüngung / fumure de base / basic fertilisation:	138 kg P/ha, 208 kg K/ha (Landor 0-20-30, mars 2015); 4.2kg N/ha, 48kg P/ha, 68.4kg K/ha, 37.2kg Mg/ha (compost, avril 2015); 76.8kg P/ha, 158.4kg K/ha (fumier, avril 2015)	120kg K / ha, 57.6kg P / ha	22.08.14: 135 kg/ha Potasse 60% + 210kg/ha Supertriple 46%	129kg P2O5 /ha (1.6.15, Triple Superphosphat); 300kg K2O /ha (1.6.15, Kalisalz)	-	0	50kg P/ha (20.3.15, Schweinegülle), 45kg P/ha (20.5.15, No-till)
N-Düngung / fumure N / N fertilisation:	4.2kg N/ha (compost, avril 2015); 17.6kg N/ha (fumier, avril 2015), 50kg N/ha, 4.6kg Mg/ha (ammonitrate 27%, 11.5.15), 73.6kg N/ha (Urée 46%, 3.6.15)	45.9 kg / ha (18.5.15, Ammonsalpeter 27%); 82.8kg N/ha (11.06.15, Harnstoff 46%)	11.05.15: urée 46N 267kg/ha	49.9kg N /ha, 4.6kg Mg /ha (12.6.15, Mg Ammonsalpeter), 63.6kg N / ha (29.6.15, Harnstoff) zur Reihe / près de la ligne / to the row	138kg N/ ha (Harnstoff)	40kg N/ha (18.5.15, Ammonsalpeter); 70kg N/ha (2.6.15, Harnstoff)	60kg N/ha (20.3.15, Schweinegülle), 30 kg N/ha (20.5.15, No-till), 45kg N/ha (6.6.15)
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Ensileuse expérimentale	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler

3.3.4 Index

Sorte	Status	VOS	Ertrag	Reife	Jugend-ent- wicklung	Wurzellagerung Vegetation	Wurzellagerung Ernte	Stängelbruch Ernte	Beulenbrand	Oekon. Index	Agron. Index	Gesamtindex
KXB4132	e1	-0.52	-2.68	8.16	-0.06	0.04	-0.08		0.13	-3.20	8.18	4.98
Frederico KWS	e2	4.25	-4.32	6.74	-0.15	0.04	-1.88		-0.02	-0.08	4.73	4.66
Agro Polis	e2	4.28	-4.25	5.87	-0.24	0.04	-1.11		0.00	0.03	4.56	4.59
Walterinio KWS	e2	5.44	0.93	0.55	0.13	0.04	-3.45		-0.50	6.37	-3.24	3.13
NK Silotop	S	4.46	-4.34	2.26	0.06	-0.04	-0.10		0.06	0.12	2.24	2.36
Kalideas	e1	3.70	-5.62	2.51	-0.16	0.04	0.51		0.11	-1.92	3.01	1.09
Indexx	T	1.59	-2.78	0.27	0.03	0.04	0.49		0.14	-1.19	0.97	-0.22
Kolossalis	e2	2.77	-5.34	2.21	0.03	-0.04	-0.22		-0.33	-2.57	1.65	-0.92
SY Madras	e2	0.86	-5.74	2.84	0.12	0.04	0.40		0.14	-4.87	3.53	-1.35
KXB4319	e1	0.04	-4.78	3.11	-0.09	0.04	-0.01		-0.14	-4.74	2.91	-1.84
Palmer	S	-4.46	4.34	-2.26	-0.06	0.04	0.10		-0.06	-0.12	-2.24	-2.36
LG 30.224	S	2.43	-9.15	4.17	-0.15	0.01	0.32		-0.07	-6.72	4.29	-2.43
SY Gibuti	e1	0.20	-6.03	3.54	0.10	-0.01	-0.65		0.07	-5.83	3.05	-2.78
Kawaxx	e2	-1.45	-3.78	2.93	0.10	-0.17	-0.27		-0.36	-5.22	2.24	-2.99
Figaro	e2	0.03	-4.96	1.52	-0.02	0.04	0.35		0.01	-4.93	1.90	-3.03
P8609	S	0.35	-7.63	3.73	-0.22	0.04	0.59		-0.11	-7.27	4.02	-3.25
Geoxx	S	-2.04	-5.60	2.74	-0.13	-0.07	0.29		0.05	-7.64	2.88	-4.77
LG 30.306	T	-8.09	2.43	-0.50	0.02	0.04	0.08		0.05	-5.66	-0.31	-5.98
P 8488	S	-6.41	-6.37	4.62	-0.24	0.04	0.52		0.15	-12.78	5.09	-7.69
Quincey	S	-5.96	-5.77	0.07	-0.12	0.04	0.35		-1.27	-11.73	-0.93	-12.66
Bezugsgrößen		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
Anz. Beob.		18	18	18	18	3	6		15			
Anz. Orte		6	6	6	6	1	2		5			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.3.5 Zusammenfassung

Sorten Bezeichnung	Jugend ent- wicklg Note	allg. Eindruck Note	Pflanzen hoehe cm	Kolben ansatz hoehe cm	VOS g/kg TS g.Pfl. NIR	Staerke g/kg TS g.Pfl. NIR	Koerner Anteil in TS % (NIR)	Rohfaser g/kg TS NIR
NK Silotop	3.8	2.7	214	109	767.0	387	55	148
P 8488	4.4	4.3	227	108	739.8	363	53	165
Palmer	4.0	2.7	240	120	744.7	367	56	161
P8609	4.3	5.3	228	110	756.7	378	56	155
Quincey	4.1	6.3	233	115	740.9	359	53	161
Agro Polis	4.4	2.0	228	101	766.5	399	58	146
Frederico KWS	4.2	3.7	225	103	766.4	403	59	146
Walterinio KWS	3.6	4.0	241	107	769.4	382	54	144
Figaro	3.9	2.7	228	117	755.9	372	55	149
Kawaxx	3.7	5.7	238	113	752.2	367	52	155
Geoxx	4.2	4.7	236	109	750.7	374	54	154
LG 30.224	4.2	4.3	209	98	761.9	368	53	148
Kolossal	3.8	3.0	227	108	762.7	385	54	148
SY Madras	3.7	4.3	227	110	758.0	367	50	152
Kalideas	4.2	4.7	219	99	765.1	385	54	144
KXB4319	4.1	3.7	233	114	755.9	369	53	151
KXB4132	4.0	3.0	225	109	754.5	385	58	152
SY Gibuti	3.7	4.0	219	110	756.3	391	56	153
Indexx	3.8	3.3	227	118	759.8	389	56	148
LG 30.306	3.9	1.3	248	128	735.6	368	54	167
Bezugs- grösse(n)	3.9	2.7	227	115	755.8	377	55	155
Versuchs- Mittel	4.0	3.8	229	110	756.0	378	55	152
VK [%]	15.7	21.7	4	7	2.3	7	7	7
KGD (5%)	0.4	1.4	8	6	11.7	16	3	7
KGD (1%)	0.5	1.8	10	8	15.4	22	5	9
Versuchs- Streuung	0.6	0.8	10	8	17.7	25	4	10
FG Fehler- term	228.0	38.0	152	152	228.0	228	114	228
Anz. Beob.	18.0	3.0	12	12	18.0	18	9	18
Anz. Orte	6.0	1.0	4	4	6.0	6	3	6
Minimum	3.6	1.3	209	98	735.6	359	50	144
Maximum	4.4	6.3	248	128	769.4	403	59	167

Sorten Bezeichnung	NDF g/kg TS NIR	Rohprot. g/kg TS NIR	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	Wurzel lager Veg. %	Wurzel lager Ernte %	Beulen brand %	Eff. Best. dichte Pfl./m2
NK Silotop	346	69	516.2	199.7	38.8	1.9	3.4	0.8	8.9
P 8488	377	66	484.9	195.6	40.7	0.0	0.9	0.3	9.3
Palmer	359	64	620.0	217.0	35.2	0.0	2.6	1.3	9.2
P8609	354	67	484.3	193.1	40.0	0.0	0.6	1.6	9.1
Quincey	363	64	539.7	196.8	37.1	0.0	1.6	7.1	9.0
Agro Polix	341	64	484.6	199.9	41.7	0.0	7.4	1.0	9.3
Frederico KWS	336	63	475.9	199.7	42.4	0.0	10.5	1.1	8.9
Walterinio KWS	337	65	567.5	210.2	37.5	0.0	16.8	3.5	9.2
Figaro	352	64	527.0	198.5	38.2	0.0	1.6	1.0	9.4
Kawaxx	359	66	513.1	200.8	39.4	5.1	4.1	2.8	9.1
Geoxx	353	69	512.7	197.2	39.2	2.6	1.8	0.8	9.0
LG 30.224	349	66	476.7	190.1	40.4	0.6	1.7	1.4	9.3
Kolossalix	346	66	516.0	197.7	38.8	1.9	3.9	2.6	9.2
SY Madras	356	69	504.8	196.9	39.3	0.0	1.4	0.4	9.0
Kalideas	335	68	510.4	197.1	39.0	0.0	0.9	0.5	9.1
KXB4319	352	65	508.5	198.8	39.5	0.0	3.0	1.7	9.2
KXB4132	350	63	474.8	203.0	43.6	0.0	3.3	0.4	9.2
SY Gibuti	352	66	495.5	196.3	39.9	1.3	5.6	0.7	9.1
Indexx	341	67	550.8	202.8	37.2	0.0	1.0	0.4	9.0
LG 30.306	372	65	588.4	213.2	36.6	0.0	2.7	0.8	9.2
Bezugs- grösse(n)	353	66	568.1	208.4	37.0	0.9	3.0	1.0	9.1
Versuchs- Mittel	352	66	517.6	200.2	39.2	0.7	3.7	1.5	9.2
VK [%]	5	5	6.8	7.6	4.4	292.5	102.6	168.8	5.9
KGD (5%)	12	2	23.1	10.0	1.1		4.4	1.8	
KGD (1%)	16	3	30.4	13.1	1.5		5.9	2.4	
Versuchs- Streuung	19	3	35.1	15.2	1.7	2.0	3.8	2.5	0.5
FG Fehler- term	228	228	228.0	228.0	228.0	38.0	76.0	190.0	228.0
Anz. Beob.	18	18	18.0	18.0	18.0	3.0	6.0	15.0	18.0
Anz. Orte	6	6	6.0	6.0	6.0	1.0	2.0	5.0	6.0
Minimum	335	63	474.8	190.1	35.2	0.0	0.6	0.3	8.9
Maximum	377	69	620.0	217.0	43.6	5.1	16.8	7.1	9.4

Sorten Bezeichnung	relat. Kolben hoehe %	Saat - weibl. Bluete Tage	Koerner ertrag dt TS/ha berechnet NIR	NEL MJ/kg TS	NEV MJ/kg TS	VOS- Ertrag dt/ha	Stärke- ertrag dt/ha	Green Snap %
NK Silotop	51	71	104.1	7.1	7.5	153.1	77.2	0.0
P 8488	47	72	103.0	6.8	7.1	144.4	70.5	0.7
Palmer	50	74	119.1	6.9	7.2	161.6	79.6	2.3
P8609	48	71	109.5	7.0	7.3	146.0	72.8	1.0
Quincey	49	73	107.2	6.8	7.1	146.0	70.6	4.3
Agro Polis	44	71	117.1	7.1	7.5	153.3	79.3	1.7
Frederico KWS	46	71	119.1	7.1	7.5	153.2	80.3	0.7
Walterinio KWS	44	71	110.0	7.1	7.5	161.8	80.1	2.3
Figaro	51	72	105.1	7.0	7.3	149.8	73.0	1.7
Kawaxx	48	71	102.0	6.9	7.3	151.0	73.4	0.3
Geoxx	46	70	100.9	6.9	7.3	147.9	73.0	3.3
LG 30.224	47	69	97.9	7.1	7.4	144.7	69.4	9.7
Kolossal	48	70	107.1	7.1	7.4	150.6	75.5	0.7
SY Madras	48	70	96.2	7.0	7.4	149.0	72.1	1.3
Kalideas	45	70	107.5	7.1	7.5	150.4	75.2	1.0
KXB4319	49	71	102.8	7.0	7.3	150.2	73.1	0.3
KXB4132	48	72	118.7	7.0	7.3	153.4	77.9	2.0
SY Gibuti	50	71	105.7	7.0	7.3	148.2	76.6	2.0
Indexx	52	71	109.8	7.0	7.4	153.8	78.4	1.3
LG 30.306	51	76	115.5	6.7	7.0	156.8	78.3	0.0
Bezugsgrösse(n)	50	73	111.6	7.0	7.3	157.4	78.4	1.2
Versuchs-Mittel	48	71	107.9	7.0	7.3	151.3	75.3	1.8
VK [%]	7	2	9.4	2.9	3.6	8.4	11.0	115.8
KGD (5%)	3	2	9.5	0.1	0.2	8.3	5.4	3.5
KGD (1%)	4	2	12.6	0.2	0.2	11.0	7.2	4.7
Versuchs-Streuung	3	2	10.2	0.2	0.3	12.7	8.3	2.1
FG Fehlerterm	152	114	114.0	228.0	228.0	228.0	228.0	38.0
Anz. Beob.	12	9	9.0	18.0	18.0	18.0	18.0	3.0
Anz. Orte	4	3	3.0	6.0	6.0	6.0	6.0	1.0
Minimum	44	69	96.2	6.7	7.0	144.4	69.4	0.0
Maximum	52	76	119.1	7.1	7.5	161.8	80.3	9.7

3.3.6 Details

Vigueur au départ [note] / Jugendentwicklung[Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
NK Silotop	3.8 --	6.3 -----	2.0 -	5.7 -----	2.8 -----
P 8488	4.4 -----	5.0 -	6.0 -----	5.3 ----	3.3 -----
Palmer	4.0 -----	6.3 -----	3.3 ----	5.7 -----	2.5 -----
P8609	4.3 -----	5.3 --	5.7 -----	5.7 -----	3.2 -----
Quincey	4.1 -----	6.3 -----	4.3 -----	5.7 -----	2.7 -----
Agro Polis	4.4 -----	6.7 -----	3.7 ----	6.0 -----	2.7 -----
Frederico KWS	4.2 -----	5.7 ---	4.3 -----	5.7 -----	2.5 -----
Walterinio KWS	3.6 -	6.0 ---	1.7 -	6.0 -----	2.3 ----
Figaro	3.9 ----	7.0 -----	3.0 ---	6.0 -----	2.3 ----
Kawaxx	3.7 -	6.3 -----	2.3 --	6.0 -----	2.3 ----
Geoxx	4.2 -----	7.7 -----	3.7 ----	6.0 -----	1.7 -
LG 30.224	4.2 -----	6.0 ----	3.7 ----	5.0 -	3.3 -----
Kolossal	3.8 ---	7.3 -----	2.0 -	5.7 -----	2.0 ---
SY Madras	3.7 -	6.7 -----	2.3 --	6.0 -----	1.8 --
Kalideas	4.2 -----	6.7 -----	3.3 ----	6.0 -----	2.3 ----
KXB4319	4.1 -----	6.7 -----	4.3 -----	5.7 -----	1.7 -
KXB4132	4.0 -----	6.3 -----	3.3 ----	6.0 -----	2.5 ----
SY Gibuti	3.7 -	5.7 ---	1.7 -	6.0 -----	3.0 -----
Indexx	3.8 ---	6.3 -----	3.3 ----	5.7 -----	2.3 ----
LG 30.306	3.9 ----	5.7 ---	4.0 -----	5.0 -	2.3 ----
-Bezugsgrösse(n)	3.9 ----	6.3 -----	2.7 ---	5.7 -----	2.7 -----
Versuchs-Mittel	4.0 ----	6.3 -----	3.4 ----	5.7 -----	2.5 ----
VK [%]	15.7	10.5	18.7	6.6	25.9
KGD (5%)	0.4	1.1	1.0	0.6	ns
KGD (1%)	0.5	1.5	1.4	ns	ns
Versuchs-Streuung	0.6	0.7	0.6	0.4	0.6
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	20.7	19	2.75 ***	1.63	0.0006
Anbauorte	764.2	5	385.74 ***	2.26	0.0000
WW Verf.*Anb.Orte	122.4	95	3.25 ***	1.32	0.0000
Fehler	90.3	228			
Insgesamt	997.7	347			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG
NK Silotop	3.0 -----	2.8 ----
P 8488	3.2 -----	3.5 -----
Palmer	3.0 -----	3.3 -----
P8609	3.3 -----	2.8 ----
Quincey	3.2 -----	2.7 ---
Agro Polix	3.7 -----	3.7 -----
Frederico KWS	3.3 -----	3.7 -----
Walterinio KWS	3.0 -----	2.8 ----
Figaro	2.7 ----	2.7 ---
Kawaxx	2.8 ----	2.3 -
Geoxx	3.0 -----	3.0 -----
LG 30.224	3.2 -----	4.0 -----
Kolossalis	3.2 -----	2.8 ----
SY Madras	2.2 -	3.0 -----
Kalideas	3.3 -----	3.7 -----
KXB4319	2.8 ----	3.3 -----
KXB4132	2.5 ---	3.5 -----
SY Gibuti	2.8 -----	3.0 -----
Indexx	2.5 ---	2.8 ----
LG 30.306	3.2 -----	3.0 -----
-Bezugsgrösse(n)	3.0 -----	3.1 -----
Versuchs-Mittel	3.0 -----	3.1 -----
VK [%]	15.7	27.9
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	0.5	0.9
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel	1567 Delley FR
NK Silotop	2.7 ---	2.7 ---
P 8488	4.3 -----	4.3 -----
Palmer	2.7 ---	2.7 ---
P8609	5.3 -----	5.3 -----
Quincey	6.3 -----	6.3 -----
Agro Polis	2.0 --	2.0 --
Frederico KWS	3.7 -----	3.7 -----
Walterinio KWS	4.0 -----	4.0 -----
Figaro	2.7 ---	2.7 ---
Kawaxx	5.7 -----	5.7 -----
Geoxx	4.7 -----	4.7 -----
LG 30.224	4.3 -----	4.3 -----
Kolossalis	3.0 ----	3.0 ----
SY Madras	4.3 -----	4.3 -----
Kalideas	4.7 -----	4.7 -----
KXB4319	3.7 -----	3.7 -----
KXB4132	3.0 ----	3.0 ----
SY Gibuti	4.0 -----	4.0 -----
Indexx	3.3 -----	3.3 -----
LG 30.306	1.3 -	1.3 -
-Bezugsgrösse(n)	2.7 ---	2.7 ---
Versuchs-Mittel	3.8 -----	3.8 -----
VK [%]	21.7	21.7
KGD (5%)	1.4	1.4
KGD (1%)	1.8	1.8
Versuchs-Streuung	0.8	0.8
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
NK Silotop	214.2 --	221.7 --	230.0 -	200.0 ---	205.0 ---
P 8488	227.1 ----	226.7 ---	243.3 ----	213.3 ----	225.0 ----
Palmer	240.4 -----	251.7 -----	270.0 -----	223.3 -----	216.7 -----
P8609	227.9 ----	238.3 ----	253.3 ----	201.7 ---	218.3 ----
Quincey	233.3 ----	246.7 ----	246.7 ----	218.3 ----	221.7 ----
Agro Polis	227.5 ----	230.0 ---	248.3 ----	206.7 ---	225.0 ----
Frederico KWS	225.0 ----	225.0 ---	243.3 ----	213.3 ----	218.3 ----
Walterinio KWS	241.3 ----	253.3 ----	266.7 ----	226.7 ----	218.3 ----
Figaro	227.5 ----	238.3 ----	246.7 ----	206.7 ---	218.3 ----
Kawaxx	237.5 ----	250.0 ----	248.3 ----	220.0 ----	231.7 ----
Geoxx	235.8 ----	235.0 ----	271.7 ----	220.0 ----	216.7 ----
LG 30.224	209.2 -	216.7 -	233.3 -	190.0 -	196.7 -
Kolossal	226.7 ----	230.0 ---	260.0 ----	206.7 ---	210.0 ---
SY Madras	226.7 ----	233.3 ----	250.0 ----	200.0 ---	223.3 ----
Kalideas	218.8 ---	221.7 --	246.7 ----	201.7 ---	205.0 ---
KXB4319	233.3 ----	240.0 ----	256.7 ----	216.7 ----	220.0 ----
KXB4132	225.0 ----	225.0 ---	250.0 ----	206.7 ---	218.3 ----
SY Gibuti	219.2 ---	230.0 ---	245.0 ----	193.3 -	208.3 ---
Indexx	227.1 ----	240.0 ----	240.0 ---	216.7 ----	211.7 ---
LG 30.306	248.3 ----	255.0 ----	263.3 ----	236.7 ----	238.3 ----
-Bezugsgrösse(n)	227.3 ----	236.7 ----	250.0 ----	211.7 ----	210.8 ----
Versuchs-Mittel	228.6 ----	235.4 ----	250.7 ----	210.9 ----	217.3 ----
VK [%]	4.2	4.0	4.0	5.0	3.7
KGD (5%)	7.7	15.4	16.7	17.6	13.5
KGD (1%)	10.2	20.6	22.3	23.5	18.0
Versuchs-Streuung	9.6	9.3	10.1	10.6	8.1
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	20139.2	19	11.53 ***	1.66	0.0000
Anbauorte	58382.5	3	211.65 ***	2.66	0.0000
WW Verf.*Anb.Orte	7480.0	57	1.43 *	1.41	0.0456
Fehler	13975.8	152			
Insgesamt	99977.5	231			

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
NK Silotop	109.2 ----	110.0 ----	118.3 ----	96.7 ----	111.7 ----
P 8488	107.5 ----	101.7 -	121.7 ----	93.3 ----	113.3 ----
Palmer	120.0 -----	123.3 -----	136.7 -----	106.7 -----	113.3 -----
P8609	110.4 -----	115.0 -----	121.7 -----	96.7 ----	108.3 ----
Quincey	115.4 -----	120.0 -----	128.3 -----	96.7 ----	116.7 -----
Agro Polis	101.3 --	100.0 -	113.3 ---	85.0 --	106.7 ----
Frederico KWS	103.3 --	106.7 ---	111.7 ---	93.3 ----	101.7 --
Walterinio KWS	106.7 ----	111.7 ----	121.7 -----	96.7 ----	96.7 -
Figaro	116.7 -----	120.0 -----	121.7 -----	100.0 -----	125.0 -----
Kawaxx	113.3 -----	118.3 -----	121.7 -----	96.7 ----	116.7 -----
Geoxx	109.2 ----	108.3 ---	121.7 -----	100.0 -----	106.7 ----
LG 30.224	97.9 -	103.3 --	111.7 ---	80.0 -	96.7 -
Kolossalis	107.9 ----	111.7 ----	118.3 ----	93.3 ---	108.3 ----
SY Madras	110.0 ----	115.0 ----	121.7 -----	90.0 ---	113.3 -----
Kalideas	98.8 -	100.0 -	105.0 -	88.3 ---	101.7 --
KXB4319	113.8 -----	111.7 ----	125.0 -----	106.7 -----	111.7 ----
KXB4132	108.8 ----	108.3 ---	123.3 -----	96.7 ----	106.7 ----
SY Gibuti	110.0 ----	105.0 --	130.0 -----	96.7 ----	108.3 ----
Indexx	117.9 -----	126.7 -----	126.7 -----	105.0 -----	113.3 -----
LG 30.306	127.5 -----	133.3 -----	126.7 -----	120.0 -----	130.0 -----
-Bezugsgrösse(n)	114.6 -----	116.7 -----	127.5 -----	101.7 -----	112.5 -----
Versuchs-Mittel	110.3 ----	112.5 ----	121.3 ----	96.9 ----	110.3 ----
VK [%]	7.2	5.1	5.7	7.9	9.5
KGD (5%)	6.4	9.5	11.4	12.6	ns
KGD (1%)	8.4	12.7	15.2	16.9	ns
Versuchs-Streuung	7.9	5.8	6.9	7.6	10.5
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	11817.8	19	9.99 ***	1.66	0.0000
Anbauorte	18341.1	3	98.23 ***	2.66	0.0000
WW Verf.*Anb.Orte	3848.4	57	1.08 ns	1.41	0.3426
Fehler	9460.0	152			
Insgesamt	43467.4	231			

Digestibilität (NIRS)[g/kg MS] / Gehalt verdauliche organische Substanz (NIRS) [g/kg TS]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
NK Silotop	767.0	779.0	741.0	777.3	755.9
P 8488	739.8	744.7	696.0	763.8	745.6
Palmer	744.7	738.0	723.7	769.5	748.1
P8609	756.7	763.3	714.0	774.5	758.9
Quincey	740.9	719.0	703.7	768.1	755.0
Agro Polis	766.5	777.7	752.7	793.9	753.2
Frederico KWS	766.4	791.3	750.3	786.4	752.0
Walterinio KWS	769.4	783.7	736.7	788.5	762.7
Figaro	755.9	748.7	731.7	768.0	760.3
Kawaxx	752.2	748.0	731.0	768.5	738.1
Geoxx	750.7	774.3	713.7	776.6	744.2
LG 30.224	761.9	774.3	741.7	776.1	756.2
Kolossal	762.7	779.3	727.0	771.6	750.8
SY Madras	758.0	764.0	713.7	786.5	742.2
Kalideas	765.1	756.3	729.7	782.2	755.1
KXB4319	755.9	744.7	731.0	767.0	748.2
KXB4132	754.5	744.7	741.7	764.1	750.8
SY Gibuti	756.3	774.3	705.7	777.5	752.0
Indexx	759.8	752.7	715.3	772.4	752.6
LG 30.306	735.6	733.7	697.0	765.4	732.7
-Bezugsgrösse(n)	755.8	758.5	732.3	773.4	752.0
Versuchs-Mittel	756.0	759.6	724.9	774.9	750.7
VK [%]	2.3	3.2	2.6	2.0	1.5
KGD (5%)	11.7	40.0	31.2	ns	ns
KGD (1%)	15.4	ns	ns	ns	ns
Versuchs-Streuung	17.7	24.2	18.9	15.3	11.6
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	32054.0	19	5.36 ***	1.63	0.0000
Anbauorte	95565.9	5	60.67 ***	2.26	0.0000
WW Verf.*Anb.Orte	38501.3	95	1.29 ns	1.32	
Fehler	71825.5	228			
Insgesamt	237946.7	347			

Digestibilität (NIRS)[g/kg MS] / Gehalt verdauliche organische Substanz (NIRS) [g/kg TS]

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG	8196 Eglisau
NK Silotop	775.6 -----	773.0 -----	730.0
P 8488	744.7 -	744.0 ----	757.5
Palmer	757.3 ---	731.3 --	689.0
P8609	785.4 -----	744.0 ----	714.0
Quincey	766.3 -----	733.3 --	717.0
Agro Polis	767.2 -----	754.3 -----	716.0
Frederico KWS	768.5 -----	750.0 -----	686.0
Walterinio KWS	790.0 -----	755.0 -----	691.5
Figaro	758.0 ---	768.7 -----	704.5
Kawaxx	765.8 -----	761.7 -----	697.0
Geoxx	762.2 ----	733.3 --	721.5
LG 30.224	759.4 ----	763.7 -----	700.0
Kolossalis	777.7 -----	770.0 -----	737.0
SY Madras	774.5 -----	767.0 -----	735.0
Kalideas	784.4 -----	782.7 -----	749.0
KXB4319	767.9 -----	776.7 -----	752.0
KXB4132	783.1 -----	742.7 ----	723.5
SY Gibuti	776.8 -----	751.7 -----	719.0
Indexx	791.5 -----	774.3 -----	738.0
LG 30.306	762.7 ----	722.0 -	712.5
-Bezugsgrösse(n)	766.5 -----	752.2 -----	721.5
Versuchs-Mittel	771.0 -----	755.0 -----	719.5
VK [%]	1.7	2.7	3.9
KGD (5%)	21.7	33.3	
KGD (1%)	29.1	ns	
Versuchs-Streuung	13.1	20.1	28.1
FG Fehlerterm	38.0	38.0	19.0
Anz. Beob.	3.0	3.0	2.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
NK Silotop	386.6 -----	415.1 -----	359.3 -----	394.7 ----	351.7 -----
P 8488	362.8 -	392.0 ----	327.1 -----	380.7 --	336.0 ----
Palmer	366.9 --	395.8 -----	337.7 -----	402.0 -----	349.0 -----
P8609	378.4 ----	404.9 -----	333.5 -----	393.3 ----	350.7 -----
Quincey	359.1 -	355.7 -	278.3 -	379.3 --	349.7 -----
Agro Polis	398.9 -----	420.1 -----	360.9 -----	444.7 -----	371.7 -----
Frederico KWS	403.5 -----	430.6 -----	360.9 -----	441.3 -----	381.7 -----
Walterinio KWS	381.6 -----	411.5 -----	331.0 -----	397.0 ----	354.3 -----
Figaro	371.8 ---	376.1 ---	307.6 ----	397.3 ----	370.0 -----
Kawaxx	367.0 --	387.2 ----	330.9 -----	376.3 -	332.0 ---
Geoxx	373.7 ----	419.4 -----	297.3 --	383.0 --	353.7 -----
LG 30.224	367.8 ---	391.7 ----	324.9 -----	386.0 ---	333.7 ----
Kolossal	384.9 -----	421.3 -----	328.2 -----	396.0 ----	361.0 -----
SY Madras	367.1 --	401.1 -----	318.8 -----	381.0 --	320.7 --
Kalideas	384.6 -----	384.7 ----	339.0 -----	398.0 ----	361.0 -----
KXB4319	368.9 ---	366.2 --	329.7 -----	372.0 -	355.7 -----
KXB4132	384.7 -----	377.2 ---	353.4 -----	393.7 ----	363.7 -----
SY Gibuti	391.3 -----	431.4 -----	340.3 -----	414.7 -----	346.7 ----
Indexx	389.0 -----	396.0 -----	320.8 -----	398.7 ----	353.3 -----
LG 30.306	367.6 ---	398.2 -----	336.0 -----	392.7 ---	314.0 -
-Bezugsgrösse(n)	376.7 ----	405.4 -----	348.5 -----	398.3 ----	350.3 -----
Versuchs-Mittel	377.8 -----	398.8 -----	330.8 -----	396.1 ----	350.5 -----
VK [%]	6.6	7.0	7.1	8.3	5.3
KGD (5%)	16.3	ns	38.7	ns	30.8
KGD (1%)	21.5	ns	ns	ns	ns
Versuchs-Streuung	24.9	28.1	23.4	33.0	18.6
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	52317.4	19	4.45 ***	1.63	0.0000
Anbauorte	304007.9	5	98.18 ***	2.26	0.0000
WW Verf.*Anb.Orte	73618.5	95	1.25 ns	1.32	
Fehler	141201.8	228			
Insgesamt	571145.7	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG	8196 Eglisau ZH
NK Silotop	387.0 -----	411.9 -----	362
P 8488	329.7 -	411.5 -----	388
Palmer	346.0 --	370.8 -	338
P8609	389.7 -----	398.3 ----	330
Quincey	381.3 -----	410.4 -----	369
Agro Polis	372.7 -----	423.3 -----	347
Frederico KWS	381.3 -----	425.1 -----	337
Walterinio KWS	388.0 -----	407.7 -----	319
Figaro	362.0 ----	417.6 -----	339
Kawaxx	361.0 ----	414.6 -----	312
Geoxx	374.3 -----	414.4 -----	360
LG 30.224	345.3 --	425.2 -----	344
Kolossalis	384.7 -----	418.2 -----	368
SY Madras	363.7 ----	417.4 -----	334
Kalideas	397.0 -----	428.2 -----	381
KXB4319	368.7 -----	421.2 -----	379
KXB4132	411.3 -----	409.0 -----	360
SY Gibuti	389.0 -----	425.4 -----	341
Indexx	421.3 -----	443.7 -----	391
LG 30.306	372.7 -----	391.9 ---	345
-Bezugsgrösse(n)	366.5 -----	391.4 ---	357
Versuchs-Mittel	376.3 -----	414.3 -----	352
VK [%]	6.5	4.5	8
KGD (5%)	40.2	31.1	
KGD (1%)	53.9	ns	
Versuchs-Streuung	24.3	18.8	28
FG Fehlerterm	38.0	38.0	19
Anz. Beob.	3.0	3.0	2

Pourcentage des grains estimés NIRS [% dans MS] / Körneranteil geschätzt NIRS [% in TS]

Verfahren	Seriemittel	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
NK Silotop	55.1 -----	57.3 ----	51.3 -----	56.7 -----
P 8488	53.1 ----	56.7 ----	50.7 -----	52.0 -
Palmer	55.8 -----	62.3 -----	51.7 -----	53.3 --
P8609	56.4 -----	58.3 ----	52.3 -----	58.7 -----
Quincey	53.1 ----	53.0 -	49.7 ----	56.7 ----
Agro Polis	58.4 -----	65.0 -----	53.3 -----	57.0 -----
Frederico KWS	59.3 -----	65.0 -----	55.0 -----	58.0 -----
Walterinio KWS	54.1 ----	55.7 --	50.0 ----	56.7 ----
Figaro	54.9 -----	57.7 ----	52.3 -----	54.7 --
Kawaxx	52.2 --	54.7 --	48.0 --	54.0 --
Geoxx	53.7 ----	54.7 --	50.0 ----	56.3 -----
LG 30.224	52.6 --	55.3 --	49.7 ----	52.7 -
Kolossalis	54.4 ----	56.0 --	51.3 -----	56.0 ----
SY Madras	50.4 -	53.0 -	45.7 -	52.7 -
Kalideas	54.2 ----	55.7 --	50.0 ----	57.0 -----
KXB4319	52.6 --	54.0 -	49.3 ----	54.3 --
KXB4132	57.9 -----	59.0 -----	52.7 -----	62.0 -----
SY Gibuti	56.4 -----	60.7 -----	50.3 -----	58.3 -----
Indexx	56.2 -----	58.3 ----	50.3 -----	60.0 -----
LG 30.306	54.1 ----	59.3 -----	46.3 -	56.7 ----
-Bezugsgrösse(n)	55.4 -----	59.8 -----	51.5 -----	55.0 ----
Versuchs-Mittel	54.8 ----	57.6 ----	50.5 -----	56.2 -----
VK [%]	6.8	8.1	5.6	6.2
KGD (5%)	3.5	ns	ns	ns
KGD (1%)	4.6	ns	ns	ns
Versuchs-Streuung	3.7	4.7	2.8	3.5
FG Fehlerterm	114.0	38.0	38.0	38.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	863.2	19	3.25 ***	1.68	0.0003
Anbauorte	1688.7	2	60.31 ***	3.07	0.0000
WW Verf.*Anb.Orte	500.7	38	0.94 ns	1.51	0.5725
Fehler	1595.9	114			
Insgesamt	4648.5	173			

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
NK Silotop	148.1 --	135.5 ---	155.3 --	159.0 ----	152.0 ---
P 8488	165.4 -----	150.6 -----	177.8 -----	173.3 -----	167.0 -----
Palmer	161.4 -----	148.9 -----	172.7 -----	171.3 -----	167.3 -----
P8609	155.3 -----	144.4 -----	172.4 -----	166.0 -----	158.0 ----
Quincey	161.2 -----	165.4 -----	171.2 -----	166.3 -----	166.0 -----
Agro Polis	145.9 --	129.5 -	150.2 -	150.7 --	152.3 ---
Frederico KWS	145.8 -	129.0 -	151.9 -	153.3 ---	153.3 ---
Walterinio KWS	144.5 -	134.3 ---	157.7 ---	151.7 --	147.3 --
Figaro	149.5 ---	141.4 ----	160.4 ----	168.7 -----	142.7 -
Kawaxx	154.9 ----	150.5 -----	161.3 ----	171.0 -----	155.7 ----
Geoxx	153.6 ----	139.6 ----	172.6 -----	158.0 ----	161.0 ----
LG 30.224	148.3 ---	134.9 ---	157.5 ---	160.0 ----	152.3 ---
Kolossal	147.8 --	126.7 -	158.2 ---	171.3 -----	151.0 ---
SY Madras	151.9 ----	139.8 ----	164.5 -----	162.0 -----	164.7 -----
Kalideas	143.8 -	144.5 ----	154.4 --	147.3 -	150.3 --
KXB4319	150.9 ----	149.2 -----	158.2 ----	162.0 -----	156.7 ----
KXB4132	151.7 ----	154.6 -----	152.5 -	163.0 -----	151.7 ---
SY Gibuti	152.5 ----	132.6 --	174.4 -----	162.0 -----	154.7 ---
Indexx	148.2 ---	144.8 ----	167.2 -----	161.0 -----	156.7 ----
LG 30.306	166.9 -----	151.5 -----	175.1 -----	174.3 -----	186.0 -----
-Bezugsgrösse(n)	154.8 ----	142.2 ----	164.0 ----	165.2 ----	159.7 ----
Versuchs-Mittel	152.4 ----	142.4 ----	163.3 ----	162.6 ----	157.3 ----
VK [%]	6.8	9.1	5.7	6.4	6.6
KGD (5%)	6.8	ns	15.3	ns	17.0
KGD (1%)	9.0	ns	20.5	ns	22.8
Versuchs-Streuung	10.4	12.9	9.3	10.5	10.3
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	15530.9	19	7.61 ***	1.63	0.0000
Anbauorte	44649.0	5	83.17 ***	2.26	0.0000
WW Verf.*Anb.Orte	12361.8	95	1.21 ns	1.32	
Fehler	24479.4	228			
Insgesamt	97021.1	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG
NK Silotop	152.3 ----	134.7 -----
P 8488	184.0 -----	139.6 -----
Palmer	165.0 -----	142.9 -----
P8609	147.7 ---	143.3 -----
Quincey	161.7 -----	136.6 -----
Agro Polis	160.3 -----	132.1 ----
Frederico KWS	156.7 -----	130.4 ----
Walterinio KWS	139.3 -	136.5 -----
Figaro	157.7 -----	125.9 ---
Kawaxx	161.7 -----	129.1 ----
Geoxx	154.0 ----	136.3 -----
LG 30.224	157.3 -----	127.9 ---
Kolossalis	155.3 ----	124.4 --
SY Madras	151.7 ----	128.6 ----
Kalideas	144.0 --	122.1 -
KXB4319	154.3 ----	124.6 --
KXB4132	148.0 ---	140.6 -----
SY Gibuti	157.3 -----	134.1 -----
Indexx	138.0 -	121.5 -
LG 30.306	170.3 -----	144.3 -----
-Bezugsgrösse(n)	158.7 -----	138.8 -----
Versuchs-Mittel	155.8 ----	132.8 -----
VK [%]	6.2	6.8
KGD (5%)	16.0	14.9
KGD (1%)	21.5	ns
Versuchs-Streuung	9.7	9.0
FG Fehlerterm	38.0	38.0
Anz. Beob.	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
NK Silotop	346.4 ---	345.7 -----	348.2 ---	346.0 -----	352.7 ----
P 8488	377.3 -----	365.6 -----	393.7 -----	368.0 -----	379.3 -----
Palmer	358.7 -----	351.9 -----	364.5 -----	359.3 -----	358.7 -----
P8609	353.8 -----	335.0 ----	381.0 -----	356.3 -----	354.3 ----
Quincey	363.1 -----	370.9 -----	365.5 -----	360.7 -----	368.0 -----
Agro Polis	340.7 --	334.0 ---	336.9 -	321.3 -	348.0 ---
Frederico KWS	336.4 -	320.4 -	338.9 -	325.7 --	340.7 --
Walterinio KWS	336.9 -	324.5 -	353.1 ---	339.7 ----	338.3 --
Figaro	351.9 -----	351.1 -----	366.7 -----	358.0 -----	332.0 -
Kawaxx	359.1 -----	348.9 -----	373.5 -----	368.3 -----	361.0 -----
Geoxx	353.4 -----	324.2 -	380.6 -----	348.0 -----	362.7 -----
LG 30.224	348.7 ----	337.9 ----	365.2 ----	348.0 ----	350.7 ----
Kolossal	345.7 ---	325.0 --	365.2 ----	358.3 -----	344.7 --
SY Madras	356.2 -----	353.7 -----	384.5 -----	337.7 ----	374.0 -----
Kalideas	335.4 -	339.8 ----	346.4 --	332.7 ---	345.3 ---
KXB4319	351.6 ----	347.0 -----	362.6 ----	364.3 -----	353.0 ----
KXB4132	349.9 ----	350.5 -----	367.0 ----	356.7 -----	345.7 ---
SY Gibuti	351.8 ----	340.7 -----	384.5 -----	347.0 -----	346.7 ---
Indexx	341.1 --	339.1 ----	372.8 -----	350.7 -----	351.7 ---
LG 30.306	372.1 -----	348.1 -----	381.6 -----	368.7 -----	400.0 -----
-Bezugsgrösse(n)	352.6 -----	348.8 -----	356.4 ----	352.7 -----	355.7 ----
Versuchs-Mittel	351.5 ----	342.7 -----	366.6 -----	350.8 -----	355.4 ----
VK [%]	5.3	5.2	4.9	6.3	5.1
KGD (5%)	12.3	ns	29.8	ns	30.0
KGD (1%)	16.2	ns	ns	ns	ns
Versuchs-Streuung	18.7	18.0	18.0	22.0	18.2
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	42524.3	19	6.43 ***	1.63	0.0000
Anbauorte	33644.0	5	19.32 ***	2.26	0.0000
WW Verf.*Anb.Orte	37380.8	95	1.13 ns	1.32	
Fehler	79414.9	228			
Insgesamt	192964.0	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG
NK Silotop	351.3 ----	334.8 -----
P 8488	405.3 -----	352.0 -----
Palmer	372.7 -----	345.1 -----
P8609	340.0 ---	355.9 -----
Quincey	368.7 -----	345.2 -----
Agro Polis	369.3 -----	334.8 ----
Frederico KWS	356.7 -----	336.1 -----
Walterinio KWS	332.3 --	333.1 -----
Figaro	371.0 -----	332.5 -----
Kawaxx	366.7 -----	336.4 -----
Geoxx	359.7 -----	345.2 -----
LG 30.224	366.7 -----	323.5 ---
Kolossalis	350.7 ----	330.1 ----
SY Madras	344.7 ----	342.9 -----
Kalideas	333.7 --	314.7 -
KXB4319	357.7 -----	325.1 ---
KXB4132	333.0 --	346.4 -----
SY Gibuti	354.7 -----	337.0 -----
Indexx	318.0 -	314.6 -
LG 30.306	381.0 -----	353.0 -----
-Bezugsgrösse(n)	362.0 -----	340.0 -----
Versuchs-Mittel	356.7 -----	336.9 -----
VK [%]	5.6	4.5
KGD (5%)	32.9	ns
KGD (1%)	44.1	ns
Versuchs-Streuung	19.9	15.3
FG Fehlerterm	38.0	38.0
Anz. Beob.	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
NK Silotop	68.8 -----	62.7 -----	72.5 -----	76.7 -----	65.1 -----
P 8488	66.3 -----	58.7 ---	65.9 ----	74.1 -----	66.6 -----
Palmer	64.1 --	57.0 --	62.6 -	71.1 -----	62.4 -----
P8609	66.9 -----	61.1 -----	64.2 --	77.9 -----	66.3 -----
Quincey	64.3 ---	65.3 -----	68.9 -----	71.8 -----	59.9 --
Agro Polis	63.7 --	57.9 --	66.3 ----	68.2 --	63.6 -----
Frederico KWS	63.0 -	55.0 -	64.2 --	69.2 ---	59.4 -
Walterinio KWS	65.2 ----	62.7 -----	67.1 -----	72.3 -----	62.4 -----
Figaro	64.3 ---	62.5 -----	69.1 -----	66.7 -	61.7 ----
Kawaxx	65.8 ----	59.1 ---	66.8 ----	75.7 -----	64.8 -----
Geoxx	69.1 -----	70.7 -----	69.1 -----	74.9 -----	66.6 -----
LG 30.224	65.8 ----	63.4 -----	68.0 -----	73.5 -----	62.9 -----
Kolossal	66.4 -----	66.2 -----	68.8 -----	72.2 -----	61.1 ----
SY Madras	69.3 -----	63.7 -----	72.8 -----	77.9 -----	63.7 -----
Kalideas	67.7 -----	61.3 -----	73.3 -----	74.8 -----	65.9 -----
KXB4319	64.8 ---	63.3 -----	67.5 -----	69.6 ---	60.8 ---
KXB4132	63.2 -	59.6 ----	65.5 ---	67.5 -	59.9 --
SY Gibuti	65.9 -----	60.0 ----	67.1 -----	72.4 -----	66.5 -----
Indexx	67.3 -----	64.0 -----	72.6 -----	70.5 ----	64.6 -----
LG 30.306	65.1 ----	61.9 -----	66.9 -----	71.4 -----	58.7 -
-Bezugsgrösse(n)	66.4 -----	59.9 -----	67.5 -----	73.9 -----	63.7 -----
Versuchs-Mittel	65.8 -----	61.8 -----	68.0 -----	72.4 -----	63.2 -----
VK [%]	5.2	6.8	4.6	5.2	5.1
KGD (5%)	2.2	6.9	5.2	6.3	5.3
KGD (1%)	2.9	ns	6.9	ns	ns
Versuchs-Streuung	3.4	4.2	3.1	3.8	3.2
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1222.1	19	5.59 ***	1.63	0.0000
Anbauorte	5700.6	5	99.09 ***	2.26	0.0000
WW Verf.*Anb.Orte	1825.4	95	1.67 ns	1.32	
Fehler	2623.2	228			
Insgesamt	11371.3	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG
NK Silotop	69.7 -----	66.0 -----
P 8488	69.0 -----	63.7 -----
Palmer	68.3 -----	63.2 -----
P8609	70.1 -----	61.5 -----
Quincey	64.6 -	55.3 -
Agro Polis	68.6 -----	57.3 ---
Frederico KWS	67.4 ----	62.9 -----
Walterinio KWS	64.9 --	61.9 -----
Figaro	64.7 -	61.0 -----
Kawaxx	67.5 ----	60.8 -----
Geoxx	71.9 -----	61.5 -----
LG 30.224	65.3 --	61.7 -----
Kolossalis	66.0 ---	63.9 -----
SY Madras	73.5 -----	64.0 -----
Kalideas	69.4 -----	61.6 -----
KXB4319	69.3 -----	58.2 ---
KXB4132	66.5 ---	60.4 -----
SY Gibuti	64.0 -	65.4 -----
Indexx	72.3 -----	60.2 -----
LG 30.306	70.6 -----	61.0 -----
-Bezugsgrösse(n)	69.0 -----	64.6 -----
Versuchs-Mittel	68.2 -----	61.6 -----
VK [%]	4.7	4.2
KGD (5%)	5.3	4.3
KGD (1%)	ns	5.8
Versuchs-Streuung	3.2	2.6
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delle FR	3065 Habstetten	8046 Reckenholz ZH
NK Silotop	516.2 ---	555.1 -----	659.8 ---	480.3 -	456.7 ----
P 8488	484.9 -	472.5 --	639.8 --	528.3 ---	431.5 ---
Palmer	620.0 -----	633.7 -----	805.1 -----	654.4 -----	561.0 -----
P8609	484.3 -	456.1 -	615.3 -	514.9 ---	442.7 ---
Quincey	539.7 -----	601.3 -----	656.2 ---	600.7 -----	479.7 -----
Agro Polis	484.6 -	512.9 ----	668.2 ---	510.2 --	429.3 ---
Frederico KWS	475.9 -	475.7 --	638.9 --	526.0 ---	407.2 -
Walterinio KWS	567.5 -----	558.9 -----	772.6 -----	608.7 -----	484.6 -----
Figaro	527.0 ----	546.5 -----	759.6 -----	533.4 ----	455.7 ----
Kawaxx	513.1 ---	509.1 ----	686.0 ----	541.4 ----	435.5 ---
Geoxx	512.7 ---	516.2 ----	764.2 -----	528.5 ---	446.8 ----
LG 30.224	476.7 -	482.2 --	679.3 ---	514.7 ---	407.7 -
Kolossal	516.0 ---	518.8 ----	715.3 -----	518.4 ---	481.9 -----
SY Madras	504.8 ---	521.8 ----	665.8 ---	522.4 ---	429.1 ---
Kalideas	510.4 ---	539.4 -----	696.5 -----	537.1 ----	448.9 ----
KXB4319	508.5 ---	526.9 -----	659.1 ---	534.2 ----	445.0 ----
KXB4132	474.8 -	492.6 ---	673.9 ----	517.6 ---	395.9 -
SY Gibuti	495.5 --	498.1 ---	667.7 ---	492.8 -	421.4 --
Indexx	550.8 -----	553.7 -----	802.0 -----	512.1 --	453.3 ----
LG 30.306	588.4 -----	626.4 -----	761.3 -----	608.6 -----	530.7 -----
-Bezugsgrösse(n)	568.1 -----	594.4 -----	732.5 -----	567.3 -----	508.8 -----
Versuchs-Mittel	517.6 ----	529.9 ----	699.3 ----	539.2 ----	452.2 ----
VK [%]	6.8	6.4	7.0	4.9	6.6
KGD (5%)	23.1	56.1	80.6	44.1	49.6
KGD (1%)	30.4	75.2	107.9	59.0	66.4
Versuchs-Streuung	35.1	34.0	48.7	26.7	30.0
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	522212.5	19	22.26 ***	1.63	0.0000
Anbauorte	3155587.3	5	511.25 ***	2.26	0.0000
WW Verf.*Anb.Orte	217908.4	95	1.86 ***	1.32	0.0008
Fehler	281455.1	228			
Insgesamt	4177163.4	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG	8196 Eglisau ZH
NK Silotop	511.6 -----	433.7 -----	271.2
P 8488	463.6 ---	373.6 ----	206.9
Palmer	559.4 -----	506.3 -----	267.5
P8609	473.6 ----	403.0 -----	233.1
Quincey	487.6 ----	412.7 -----	259.8
Agro Polis	458.9 ---	328.0 --	281.1
Frederico KWS	462.2 ---	345.6 ---	279.0
Walterinio KWS	522.8 -----	457.4 -----	253.2
Figaro	457.0 ---	409.6 -----	261.1
Kawaxx	478.5 ----	428.0 -----	338.3
Geoxx	442.8 --	377.6 ----	220.1
LG 30.224	430.5 -	345.8 ---	294.1
Kolossalis	487.6 -----	374.1 ----	292.9
SY Madras	487.3 -----	402.3 -----	306.6
Kalideas	481.7 -----	358.7 ---	262.9
KXB4319	463.5 ---	422.5 -----	263.3
KXB4132	470.0 ----	298.7 -	256.1
SY Gibuti	460.6 ---	432.1 -----	263.0
Indexx	527.7 -----	455.8 -----	269.6
LG 30.306	541.3 -----	462.1 -----	298.4
-Bezugsgrösse(n)	535.5 -----	470.0 -----	247.7
Versuchs-Mittel	483.4 -----	401.4 -----	268.9
VK [%]	5.8	9.6	13.9
KGD (5%)	46.3	63.7	
KGD (1%)	61.9	85.3	
Versuchs-Streuung	28.0	38.5	37.5
FG Fehlerterm	38.0	38.0	19.0
Anz. Beob.	3.0	3.0	2.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
NK Silotop	199.7 ---	227.7 -----	230.0 -----	180.8 -	171.6 ---
P 8488	195.6 ---	192.9 ---	236.5 -----	207.3 -----	168.2 ---
Palmer	217.0 -----	227.7 -----	260.7 -----	216.3 -----	203.1 -----
P8609	193.1 --	180.4 -	233.8 -----	200.0 -----	174.3 ----
Quincey	196.8 ---	215.3 -----	192.0 -	212.1 -----	182.8 -----
Agro Polis	199.9 ----	208.0 -----	247.8 -----	211.1 -----	178.3 ----
Frederico KWS	199.7 ----	203.9 -----	238.3 -----	217.7 -----	170.2 ---
Walterinio KWS	210.2 -----	216.5 -----	256.6 -----	211.1 -----	183.5 -----
Figaro	198.5 ----	196.3 ----	254.4 -----	195.4 ----	177.2 ----
Kawaxx	200.8 ----	197.5 ----	248.3 -----	207.8 -----	169.9 ---
Geoxx	197.2 ---	206.4 -----	256.4 -----	187.5 --	177.5 ----
LG 30.224	190.1 -	189.8 ---	244.0 -----	204.1 -----	162.6 -
Kolossalis	197.7 ---	199.9 ----	242.2 -----	193.0 ---	185.7 -----
SY Madras	196.9 ---	217.2 -----	232.2 -----	191.2 ---	163.6 --
Kalideas	197.1 ---	204.8 -----	240.1 -----	203.3 ----	178.5 ----
KXB4319	198.8 ----	195.9 ----	233.8 -----	199.9 ----	176.9 ----
KXB4132	203.0 ----	206.6 -----	252.6 -----	227.8 -----	168.5 ---
SY Gibuti	196.3 ---	202.7 -----	241.9 -----	195.0 ----	159.7 -
Indexx	202.8 -----	202.3 -----	258.8 -----	184.5 -	170.2 ---
LG 30.306	213.2 -----	221.1 -----	247.0 -----	222.0 -----	192.2 -----
-Bezugsgrösse(n)	208.4 -----	227.7 -----	245.4 -----	198.6 ----	187.3 -----
Versuchs-Mittel	200.2 ----	205.6 -----	242.4 -----	203.4 ----	175.7 ----
VK [%]	7.6	9.5	6.2	7.1	7.5
KGD (5%)	10.0	ns	25.0	24.0	ns
KGD (1%)	13.1	ns	33.5	ns	ns
Versuchs-Streuung	15.2	19.5	15.1	14.5	13.2
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	14598.0	19	3.34 ***	1.63	0.0002
Anbauorte	225207.2	5	195.82 ***	2.26	0.0000
WW Verf.*Anb.Orte	34372.9	95	1.57 ns	1.32	
Fehler	52442.9	228			
Insgesamt	326621.0	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG	8196 Eglisau ZH
NK Silotop	212.5 -----	175.7 -----	138.6
P 8488	205.0 ----	163.9 ----	97.4
Palmer	219.3 -----	175.2 -----	148.8
P8609	205.8 ----	164.4 ----	114.3
Quincey	210.4 -----	168.5 -----	139.1
Agro Polis	209.4 -----	144.7 -	147.7
Frederico KWS	211.2 -----	157.1 ----	168.4
Walterinio KWS	213.0 -----	180.7 -----	130.8
Figaro	201.9 ----	165.5 ----	138.2
Kawaxx	206.1 ----	175.4 -----	169.5
Geoxx	196.6 --	158.6 ----	115.0
LG 30.224	190.3 -	149.6 --	157.3
Kolossalis	210.7 -----	154.6 ---	140.3
SY Madras	212.7 -----	164.5 -----	139.8
Kalideas	210.0 -----	146.0 -	134.0
KXB4319	207.2 ----	179.1 -----	139.9
KXB4132	215.0 -----	147.6 -	126.4
SY Gibuti	202.6 ----	175.9 -----	127.1
Indexx	226.5 -----	174.7 -----	130.5
LG 30.306	222.2 -----	175.0 -----	164.0
-Bezugsgrösse(n)	215.9 -----	175.4 -----	127.6
Versuchs-Mittel	209.4 ----	164.8 ----	138.4
VK [%]	5.0	10.1	16.6
KGD (5%)	17.3	ns	
KGD (1%)	ns	ns	
Versuchs-Streuung	10.5	16.6	23.0
FG Fehlerterm	38.0	38.0	19.0
Anz. Beob.	3.0	3.0	2.0

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
NK Silotop	38.8 ----	41.0 -----	34.8 -----	37.6 ----	37.6 ---
P 8488	40.7 -----	40.8 -----	37.0 -----	39.2 ----	39.1 ----
Palmer	35.2 -	35.9 -	32.4 ----	33.0 -	36.2 -
P8609	40.0 -----	39.5 -----	38.1 -----	38.9 -----	39.3 ----
Quincey	37.1 ---	35.8 -	29.2 -	35.2 ---	38.1 ----
Agro Polis	41.7 -----	40.5 -----	37.1 -----	41.4 -----	41.5 -----
Frederico KWS	42.4 -----	42.9 -----	37.4 -----	41.4 -----	41.8 -----
Walterinio KWS	37.5 ---	38.7 ----	33.2 ----	34.8 --	37.8 ---
Figaro	38.2 ----	35.9 -	33.5 ----	36.6 ----	38.9 ----
Kawaxx	39.4 -----	38.7 ----	36.2 -----	38.4 ----	39.0 ----
Geoxx	39.2 ----	39.9 -----	33.6 ----	35.6 ---	39.8 ----
LG 30.224	40.4 -----	39.2 ----	35.9 -----	39.7 -----	39.8 ----
Kolossalis	38.8 ----	38.5 ----	33.9 ----	37.2 ----	38.6 ----
SY Madras	39.3 ----	41.6 -----	34.9 -----	36.6 ----	38.1 ----
Kalideas	39.0 ----	38.1 ----	34.5 -----	37.9 ----	39.5 -----
KXB4319	39.5 -----	37.2 ---	35.5 -----	37.5 ----	39.7 -----
KXB4132	43.6 -----	41.9 -----	37.5 -----	44.1 -----	42.5 -----
SY Gibuti	39.9 -----	40.7 -----	36.3 -----	39.6 -----	37.9 ---
Indexx	37.2 ---	36.5 --	32.3 ----	36.0 ---	37.5 ---
LG 30.306	36.6 --	35.3 -	32.4 ----	36.9 ----	36.2 -
-Bezugsgrösse(n)	37.0 ---	38.5 ----	33.6 -----	35.3 ---	36.9 --
Versuchs-Mittel	39.2 ----	38.9 ----	34.8 -----	37.9 ----	39.0 ----
VK [%]	4.4	6.1	2.3	7.0	2.7
KGD (5%)	1.1	3.9	1.3	4.4	1.7
KGD (1%)	1.5	5.3	1.8	5.9	2.3
Versuchs-Streuung	1.7	2.4	0.8	2.7	1.0
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1363.3	19	24.09 ***	1.63	0.0000
Anbauorte	2654.1	5	178.24 ***	2.26	0.0000
WW Verf.*Anb.Orte	457.4	95	1.62 ns	1.32	
Fehler	679.0	228			
Insgesamt	5153.9	347			

Précocité [% MS] / Frühreife [% TS]

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG	8196 Eglisau ZH
NK Silotop	41.5 ---	40.4 ----	51.7
P 8488	44.4 -----	43.9 -----	47.1
Palmer	39.2 -	34.5 -	55.8
P8609	43.5 -----	40.8 ----	48.8
Quincey	43.2 -----	41.0 ----	53.4
Agro Polis	45.6 -----	44.1 -----	52.4
Frederico KWS	45.7 -----	45.4 -----	59.8
Walterinio KWS	40.8 ---	39.6 ---	51.7
Figaro	44.2 -----	40.4 ----	53.0
Kawaxx	43.1 -----	40.9 ----	50.3
Geoxx	44.5 -----	42.0 ----	52.5
LG 30.224	44.2 -----	43.3 ----	53.7
Kolossal	43.2 -----	41.3 ----	48.0
SY Madras	43.7 -----	40.9 ----	45.6
Kalideas	43.6 -----	40.6 ----	51.6
KXB4319	44.7 -----	42.5 ----	53.2
KXB4132	45.8 -----	49.5 -----	49.3
SY Gibuti	44.0 -----	40.7 ----	48.3
Indexx	42.9 -----	38.2 ---	48.5
LG 30.306	41.1 ---	37.9 ---	54.9
-Bezugsgrösse(n)	40.4 --	37.5 ---	51.3
Versuchs-Mittel	43.4 -----	41.4 ----	51.5
VK [%]	2.5	3.6	6.9
KGD (5%)	1.8	2.4	
KGD (1%)	2.4	3.3	
Versuchs-Streuung	1.1	1.5	3.6
FG Fehlerterm	38.0	38.0	19.0
Anz. Beob.	3.0	3.0	2.0

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

Verfahren	Seriemittel	9452 Hinterforst SG
NK Silotop	1.9 ---	1.9 ----
P 8488	0.0 -	0.0 -
Palmer	0.0 -	0.0 -
P8609	0.0 -	0.0 -
Quincey	0.0 -	0.0 -
Agro Polis	0.0 -	0.0 -
Frederico KWS	0.0 -	0.0 -
Walterinio KWS	0.0 -	0.0 -
Figaro	0.0 -	0.0 -
Kawaxx	5.1 -----	5.1 -----
Geoxx	2.6 -----	2.6 -----
LG 30.224	0.6 --	0.6 --
Kolossal	1.9 ----	1.9 ----
SY Madras	0.0 -	0.0 -
Kalideas	0.0 -	0.0 -
KXB4319	0.0 -	0.0 -
KXB4132	0.0 -	0.0 -
SY Gibuti	1.3 ---	1.3 ---
Indexx	0.0 -	0.0 -
LG 30.306	0.0 -	0.0 -
-Bezugsgrösse(n)	0.9 --	0.9 --
Versuchs-Mittel	0.7 --	0.7 --
VK [%]	292.5	292.5
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	2.0	2.0
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	9452 Hinterforst SG
NK Silotop	3.4 --	4.2 -----	2.6 -
P 8488	0.9 -	0.0 -	1.8 -
Palmer	2.6 --	0.0 -	5.2 --
P8609	0.6 -	0.0 -	1.3 -
Quincey	1.6 -	0.0 -	3.1 -
Agro Polis	7.4 -----	0.0 -	14.8 -----
Frederico KWS	10.5 -----	0.0 -	21.0 -----
Walterinio KWS	16.8 -----	0.0 -	33.6 -----
Figaro	1.6 -	0.0 -	3.2 -
Kawaxx	4.1 ---	0.0 -	8.1 ---
Geoxx	1.8 -	0.0 -	3.6 -
LG 30.224	1.7 -	0.0 -	3.4 -
Kolossalis	3.9 ---	4.2 -----	3.6 -
SY Madras	1.4 -	0.0 -	2.8 -
Kalideas	0.9 -	0.0 -	1.9 -
KXB4319	3.0 --	4.2 -----	1.9 -
KXB4132	3.3 --	0.0 -	6.7 --
SY Gibuti	5.6 ----	8.3 -----	2.9 -
Indexx	1.0 -	0.0 -	2.1 -
LG 30.306	2.7 --	0.0 -	5.4 --
-Bezugsgrösse(n)	3.0 --	2.1 ---	3.9 -
Versuchs-Mittel	3.7 ---	1.0 --	6.5 --
VK [%]	102.6	303.7	68.6
KGD (5%)	4.4	ns	7.3
KGD (1%)	5.9	ns	9.8
Versuchs-Streuung	3.8	3.2	4.4
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	1750.5	19	6.23 ***	1.73	0.0000
Anbauorte	878.6	1	59.41 ***	3.96	0.0000
WW Verf.*Anb.Orte	2210.2	19	7.87 ***	1.73	0.0000
Fehler	1124.0	76			
Insgesamt	5963.4	115			

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
NK Silotop	0.8 -	0.0 -	0.0 -	0.7 --	2.5 -----
P 8488	0.3 -	0.0 -	0.0 -	1.5 ---	0.0 -
Palmer	1.3 --	1.1 --	0.3 -	0.7 --	1.3 ---
P8609	1.6 --	0.8 --	1.7 -	2.1 ----	3.2 -----
Quincey	7.1 -----	6.6 -----	19.5 -----	5.5 -----	0.6 --
Agro Polis	1.0 --	1.4 ---	0.0 -	1.4 ---	2.5 -----
Frederico KWS	1.1 --	0.0 -	0.0 -	3.8 -----	1.9 ----
Walterinio KWS	3.5 -----	0.8 --	7.4 ----	3.9 -----	5.1 -----
Figaro	1.0 --	0.4 -	2.0 --	2.5 ----	0.0 -
Kawaxx	2.8 ----	0.7 --	4.4 ---	6.7 -----	0.6 --
Geoxx	0.8 -	0.7 --	0.0 -	2.7 ----	0.7 --
LG 30.224	1.4 --	1.4 ---	1.2 -	0.0 -	4.3 -----
Kolossal	2.6 ----	0.0 -	2.7 --	5.4 -----	3.8 -----
SY Madras	0.4 -	0.0 -	0.7 -	0.0 -	1.2 ---
Kalideas	0.5 -	0.0 -	2.5 --	0.0 -	0.0 -
KXB4319	1.7 ---	1.5 ---	2.1 --	2.5 ----	2.5 -----
KXB4132	0.4 -	0.0 -	0.7 -	1.3 ---	0.0 -
SY Gibuti	0.7 -	2.1 ----	0.7 -	0.6 --	0.0 -
Indexx	0.4 -	0.4 -	0.0 -	1.4 ---	0.0 -
LG 30.306	0.8 -	1.5 ---	1.2 -	0.0 -	1.2 ---
-Bezugsgrösse(n)	1.0 --	0.6 -	0.2 -	0.7 --	1.9 ----
Versuchs-Mittel	1.5 --	1.0 --	2.4 --	2.1 ----	1.6 ----
VK [%]	168.8	170.0	146.7	144.6	159.8
KGD (5%)	1.8	2.7	5.7	ns	ns
KGD (1%)	2.4	ns	7.7	ns	ns
Versuchs-Streuung	2.5	1.7	3.5	3.1	2.5
FG Fehlerterm	190.0	38.0	38.0	38.0	38.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	714.1	19	5.81 ***	1.64	0.0000
Anbauorte	149.0	4	5.75 ***	2.42	0.0004
WW Verf.*Anb.Orte	966.5	76	1.96 ***	1.36	0.0007
Fehler	1230.2	190			
Insgesamt	3059.9	289			

Charbon [%] / Beulenbrand [%]

Verfahren	9452	
	Hinterforst	SG
NK Silotop	0.6	--
P 8488	0.0	-
Palmer	3.0	-----
P8609	0.0	-
Quincey	3.4	-----
Agro Polis	0.0	-
Frederico KWS	0.0	-
Walterinio KWS	0.0	-
Figaro	0.0	-
Kawaxx	1.3	----
Geoxx	0.0	-
LG 30.224	0.0	-
Kolossalis	1.2	----
SY Madras	0.0	-
Kalideas	0.0	-
KXB4319	0.0	-
KXB4132	0.0	-
SY Gibuti	0.0	-
Indexx	0.0	-
LG 30.306	0.0	-
-Bezugsgrösse(n)	1.8	-----
Versuchs-Mittel	0.5	--
VK [%]	267.8	
KGD (5%)	2.1	
KGD (1%)	ns	
Versuchs-Streuung	1.3	
FG Fehlerterm	38.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
NK Silotop	8.9 -	8.6 -	10.3 -	8.7 -	8.6 ----
P 8488	9.3 -----	9.3 -----	10.3 -	9.7 -----	8.6 ----
Palmer	9.2 -----	8.8 --	10.3 -	9.5 -----	8.8 -----
P8609	9.1 ----	9.1 ----	10.3 -	9.3 -----	8.8 -----
Quincey	9.0 ---	8.8 --	10.3 -	9.3 -----	8.5 ----
Agro Polis	9.3 -----	9.2 -----	10.3 -	9.3 -----	8.8 -----
Frederico KWS	8.9 -	8.8 ---	10.3 -	9.8 -----	8.4 ---
Walterinio KWS	9.2 -----	8.6 -	10.3 -	9.4 -----	8.6 -----
Figaro	9.4 -----	9.8 -----	10.3 -	9.4 -----	9.4 -----
Kawaxx	9.1 ----	9.4 -----	10.3 -	9.1 ----	8.8 -----
Geoxx	9.0 ---	8.7 -	10.3 -	9.2 -----	8.5 ----
LG 30.224	9.3 -----	9.5 -----	10.3 -	8.8 --	8.8 -----
Kolossalis	9.2 -----	8.8 ---	10.3 -	9.2 -----	9.2 -----
SY Madras	9.0 --	9.3 -----	10.3 -	9.4 -----	8.1 -
Kalideas	9.1 ----	9.1 ----	10.3 -	9.3 -----	8.9 -----
KXB4319	9.2 -----	9.2 ----	10.3 -	9.4 -----	8.9 -----
KXB4132	9.2 -----	9.2 -----	10.3 -	9.4 -----	8.7 -----
SY Gibuti	9.1 ----	9.2 -----	10.3 -	9.2 -----	8.8 -----
Indexx	9.0 ---	9.2 -----	10.3 -	9.2 -----	8.7 -----
LG 30.306	9.2 -----	8.8 --	10.3 -	9.9 -----	9.0 -----
-Bezugsgrösse(n)	9.1 ----	8.7 --	10.3 -	9.1 ----	8.7 ----
Versuchs-Mittel	9.2 -----	9.1 ----	10.3 -	9.3 -----	8.8 -----
VK [%]	5.9	5.2	0.0	4.6	7.2
KGD (5%)	ns	ns	0.0	ns	ns
KGD (1%)	ns	ns	0.0	ns	ns
Versuchs-Streuung	0.5	0.5	0.0	0.4	0.6
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	7.3	19	1.29 ns	1.63	0.1914
Anbauorte	107.0	5	72.26 ***	2.26	0.0000
WW Verf.*Anb.Orte	28.3	95	1.00 ns	1.32	
Fehler	67.5	228			
Insgesamt	210.1	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG
NK Silotop	8.7 -----	8.5 -----
P 8488	9.1 -----	9.0 -----
Palmer	8.7 ----	9.3 -----
P8609	8.8 -----	8.7 -----
Quincey	8.8 -----	8.5 -----
Agro Polis	9.0 -----	9.0 -----
Frederico KWS	8.9 -----	7.2 -
Walterinio KWS	9.0 -----	9.6 -----
Figaro	8.7 -----	8.8 -----
Kawaxx	8.6 ---	8.4 -----
Geoxx	9.0 -----	8.4 -----
LG 30.224	9.1 -----	9.6 -----
Kolossalis	8.8 -----	9.2 -----
SY Madras	8.4 -	8.5 -----
Kalideas	8.5 --	8.8 -----
KXB4319	8.7 -----	9.0 -----
KXB4132	8.6 ----	9.2 -----
SY Gibuti	8.9 -----	8.1 ----
Indexx	8.4 -	8.4 -----
LG 30.306	8.6 ---	8.6 -----
-Bezugsgrösse(n)	8.7 -----	8.9 -----
Versuchs-Mittel	8.8 -----	8.7 -----
VK [%]	5.3	10.0
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	0.5	0.9
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
NK Silotop	51.0 -----	49.6 -----	51.5 -----	48.2 -----	54.5 -----
P 8488	47.4 ----	45.4 ---	50.1 -----	43.8 ---	50.5 ----
Palmer	49.9 -----	49.0 -----	50.6 -----	47.7 -----	52.3 -----
P8609	48.5 -----	48.3 -----	48.0 -----	48.1 -----	49.5 ----
Quincey	49.4 -----	48.8 -----	52.0 -----	44.2 ----	52.6 -----
Agro Polis	44.4 -	43.5 -	45.7 ---	41.2 -	47.4 ---
Frederico KWS	45.9 ---	47.4 ----	45.9 ----	43.8 ---	46.7 --
Walterinio KWS	44.3 -	44.1 -	45.6 ---	42.8 --	44.5 -
Figaro	51.3 -----	50.4 -----	49.4 -----	48.4 -----	57.2 -----
Kawaxx	47.7 ----	47.3 ----	49.0 -----	43.9 ----	50.4 ----
Geoxx	46.4 ---	46.1 ---	44.8 ---	45.5 ----	49.4 ----
LG 30.224	46.7 ---	47.9 ----	47.9 ----	42.0 --	49.1 ----
Kolossalis	47.7 ----	48.6 -----	45.6 ---	45.0 ----	51.5 ----
SY Madras	48.4 -----	49.3 -----	48.7 -----	45.1 ----	50.7 -----
Kalideas	45.3 --	45.1 --	42.7 -	43.8 ---	49.6 ----
KXB4319	48.9 -----	46.5 ----	48.8 -----	49.3 -----	50.8 -----
KXB4132	48.2 -----	48.1 -----	49.4 -----	46.7 -----	48.8 ----
SY Gibuti	50.4 -----	45.9 ---	53.2 -----	50.4 -----	52.0 -----
Indexx	51.9 -----	52.8 -----	52.9 -----	48.5 -----	53.5 -----
LG 30.306	51.3 -----	52.3 -----	48.0 -----	50.6 -----	54.6 -----
-Bezugsgrösse(n)	50.4 -----	49.3 -----	51.1 -----	48.0 -----	53.4 -----
Versuchs-Mittel	48.3 ----	47.8 ----	48.5 ----	45.9 ----	50.8 ----
VK [%]	7.2	6.8	6.4	7.7	7.9
KGD (5%)	2.8	ns	5.1	5.9	ns
KGD (1%)	3.7	ns	6.8	ns	ns
Versuchs-Streuung	3.5	3.2	3.1	3.6	4.0
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	1204.6	19	5.19 ***	1.66	0.0000
Anbauorte	720.9	3	19.68 ***	2.66	0.0000
WW Verf.*Anb.Orte	532.2	57	0.76 ns	1.41	0.8767
Fehler	1855.7	152			
Insgesamt	4313.3	231			

Début Floraison [jours] / Blühbeginn [Tage]

Verfahren	Seriemittel	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
NK Silotop	71.2 ----	72.3 --	66.7 ----	74.7 ----
P 8488	71.7 ----	72.7 ----	68.7 ----	73.7 --
Palmer	74.2 -----	74.0 -----	72.0 -----	76.7 -----
P8609	71.2 ----	72.3 --	68.0 ----	73.3 --
Quincey	72.6 ----	73.7 -----	69.7 ----	74.3 --
Agro Polis	70.9 ---	72.0 -	67.0 ----	73.7 --
Frederico KWS	70.8 ---	72.7 ----	66.0 ---	73.7 --
Walterinio KWS	71.4 ----	72.0 -	67.7 ----	74.7 ----
Figaro	72.3 ----	72.3 --	70.0 -----	74.7 ----
Kawaxx	71.1 ---	72.7 ----	66.3 ----	74.3 --
Geoxx	69.9 --	72.0 -	65.0 --	72.7 -
LG 30.224	69.2 -	72.0 -	63.7 -	72.0 -
Kolossalis	70.1 --	72.0 -	65.3 --	73.0 --
SY Madras	69.7 -	72.0 -	64.3 -	72.7 -
Kalideas	70.4 --	72.0 -	66.0 ---	73.3 --
KXB4319	71.4 ----	72.3 --	67.7 ----	74.3 --
KXB4132	71.6 ----	72.3 --	68.7 ----	73.7 --
SY Gibuti	71.2 ----	72.3 --	67.7 ----	73.7 --
Indexx	70.9 ---	73.0 -----	67.3 ----	72.3 -
LG 30.306	75.8 -----	74.0 -----	72.3 -----	81.0 -----
-Bezugsgrösse(n)	72.7 -----	73.2 -----	69.3 -----	75.7 -----
Versuchs-Mittel	71.4 ----	72.5 ---	67.5 ----	74.1 ---
VK [%]	2.4	0.8	3.5	2.2
KGD (5%)	1.6	1.0	3.9	2.7
KGD (1%)	2.1	1.4	5.3	3.6
Versuchs-Streuung	1.7	0.6	2.4	1.6
FG Fehlerterm	114.0	38.0	38.0	38.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	388.1	19	7.11 ***	1.68	0.0000
Anbauorte	1432.4	2	249.39 ***	3.07	0.0000
WW Verf.*Anb.Orte	147.3	38	1.35 ns	1.51	0.1150
Fehler	327.4	114			
Insgesamt	2295.3	173			

Rendement en grain estimé par le NIRS [dt/ha] / Kornertrag geschätzt über NIRS [dt/ha]

Verfahren	Seriemittel	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
NK Silotop	104.1 ----	104.0 -	87.8 ----	120.6 ----
P 8488	103.0 ----	117.4 ----	85.2 ----	106.3 --
Palmer	119.1 -----	135.0 -----	105.0 -----	117.2 ----
P8609	109.5 -----	116.7 ----	91.1 -----	120.8 -----
Quincey	107.2 ----	111.9 ---	91.0 -----	118.7 -----
Agro Polis	117.1 -----	137.2 -----	95.0 -----	119.2 -----
Frederico KWS	119.1 -----	141.3 -----	93.6 -----	122.4 -----
Walterinio KWS	110.0 -----	117.6 ----	91.7 -----	120.7 -----
Figaro	105.1 ----	112.6 ---	92.7 -----	110.1 ---
Kawaxx	102.0 ---	113.6 ----	81.3 ---	111.2 ----
Geoxx	100.9 ---	103.1 -	88.8 ----	110.9 ----
LG 30.224	97.9 -	112.7 ---	80.8 ---	100.2 -
Kolossalis	107.1 ----	108.1 --	95.3 -----	117.9 -----
SY Madras	96.2 -	101.7 -	74.6 -	112.1 ----
Kalideas	107.5 -----	113.2 ---	89.7 -----	119.6 -----
KXB4319	102.8 ---	108.1 --	87.4 ----	113.0 ----
KXB4132	118.7 -----	134.2 -----	88.7 ----	133.1 -----
SY Gibuti	105.7 ----	118.3 ----	80.4 ---	118.3 ----
Indexx	109.8 -----	107.8 --	85.8 ----	135.7 -----
LG 30.306	115.5 -----	131.2 -----	89.3 ----	125.9 -----
-Bezugsgrösse(n)	111.6 -----	119.5 -----	96.4 -----	118.9 -----
Versuchs-Mittel	107.9 -----	117.3 -----	88.8 ----	117.7 -----
VK [%]	9.4	10.3	9.7	8.1
KGD (5%)	9.5	20.0	ns	15.8
KGD (1%)	12.6	26.8	ns	ns
Versuchs-Streuung	10.2	12.1	8.6	9.6
FG Fehlerterm	114.0	38.0	38.0	38.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	8272.6	19	4.19 ***	1.68	0.0001
Anbauorte	33041.8	2	159.14 ***	3.07	0.0000
WW Verf.*Anb.Orte	6401.4	38	1.62 *	1.51	0.0266
Fehler	11834.4	114			
Insgesamt	59550.2	173			

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
NK Silotop	7.1 -----	7.2 -----	6.8 -----	7.2 ----	7.0 -----
P 8488	6.8 --	6.8 ----	6.3 -	7.1 -	6.8 ----
Palmer	6.9 ---	6.8 ---	6.6 -----	7.1 ---	6.9 -----
P8609	7.0 -----	7.1 -----	6.5 ----	7.2 ----	7.0 -----
Quincey	6.8 --	6.6 -	6.4 --	7.1 --	7.0 -----
Agro Polis	7.1 -----	7.2 -----	6.9 -----	7.4 -----	6.9 -----
Frederico KWS	7.1 -----	7.4 -----	6.9 -----	7.3 -----	6.9 -----
Walterinio KWS	7.1 -----	7.3 -----	6.8 -----	7.3 -----	7.1 -----
Figaro	7.0 -----	6.9 ----	6.7 -----	7.1 --	7.1 -----
Kawaxx	6.9 -----	6.9 ----	6.7 -----	7.1 ---	6.8 ---
Geoxx	6.9 -----	7.2 -----	6.5 ----	7.2 -----	6.8 ----
LG 30.224	7.1 -----	7.2 -----	6.8 -----	7.2 -----	7.0 -----
Kolossalis	7.1 -----	7.2 -----	6.6 ----	7.1 ---	6.9 -----
SY Madras	7.0 -----	7.1 -----	6.5 ----	7.3 -----	6.8 ----
Kalideas	7.1 -----	7.0 -----	6.7 -----	7.3 -----	7.0 -----
KXB4319	7.0 -----	6.9 ----	6.7 -----	7.1 --	6.9 -----
KXB4132	7.0 -----	6.9 ----	6.8 -----	7.1 --	6.9 -----
SY Gibuti	7.0 -----	7.2 -----	6.4 --	7.2 ----	6.9 -----
Indexx	7.0 -----	6.9 ----	6.5 ----	7.1 ---	7.0 -----
LG 30.306	6.7 -	6.7 ---	6.3 -	7.1 -	6.7 -
-Bezugsgrösse(n)	7.0 -----	7.0 -----	6.7 -----	7.2 ----	6.9 -----
Versuchs-Mittel	7.0 -----	7.0 -----	6.6 -----	7.2 ----	6.9 -----
VK [%]	2.9	3.9	3.2	2.4	1.9
KGD (5%)	0.1	0.5	0.4	ns	ns
KGD (1%)	0.2	ns	ns	ns	ns
Versuchs-Streuung	0.2	0.3	0.2	0.2	0.1
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	4.1	19	5.36 ***	1.63	0.0000
Anbauorte	11.9	5	58.98 ***	2.26	0.0000
WW Verf.*Anb.Orte	4.9	95	1.29 ns	1.32	
Fehler	9.2	228			
Insgesamt	30.2	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG
NK Silotop	7.2 -----	7.2 -----
P 8488	6.9 -	6.8 ----
Palmer	7.0 ---	6.7 --
P8609	7.3 -----	6.8 ----
Quincey	7.1 ----	6.7 --
Agro Polis	7.1 ----	7.0 -----
Frederico KWS	7.1 ----	6.9 -----
Walterinio KWS	7.3 -----	7.0 -----
Figaro	7.0 --	7.1 -----
Kawaxx	7.1 ----	7.0 -----
Geoxx	7.0 ----	6.7 --
LG 30.224	7.0 ----	7.1 -----
Kolossalis	7.2 -----	7.1 -----
SY Madras	7.2 -----	7.1 -----
Kalideas	7.3 -----	7.3 -----
KXB4319	7.1 ----	7.2 -----
KXB4132	7.3 -----	6.8 ----
SY Gibuti	7.2 -----	6.9 -----
Indexx	7.4 -----	7.2 -----
LG 30.306	7.0 ----	6.6 -
-Bezugsgrösse(n)	7.1 -----	6.9 -----
Versuchs-Mittel	7.1 -----	7.0 -----
VK [%]	2.1	3.3
KGD (5%)	0.3	0.4
KGD (1%)	0.3	ns
Versuchs-Streuung	0.2	0.2
FG Fehlerterm	38.0	38.0
Anz. Beob.	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
NK Silotop	7.5 -----	7.7 -----	7.1 -----	7.7 ----	7.3 -----
P 8488	7.1 --	7.2 ----	6.5 -	7.5 -	7.2 ----
Palmer	7.2 ---	7.1 ---	6.9 -----	7.6 ---	7.2 -----
P8609	7.3 -----	7.4 -----	6.7 ----	7.6 ----	7.4 -----
Quincey	7.1 --	6.8 -	6.6 --	7.5 -	7.3 -----
Agro Polis	7.5 -----	7.6 -----	7.3 -----	7.9 -----	7.3 -----
Frederico KWS	7.5 -----	7.9 -----	7.2 -----	7.8 -----	7.2 ----
Walterinio KWS	7.5 -----	7.7 -----	7.0 -----	7.8 -----	7.5 -----
Figaro	7.3 -----	7.2 ----	7.0 -----	7.5 -	7.4 -----
Kawaxx	7.3 -----	7.2 ----	7.0 -----	7.5 -	7.1 ---
Geoxx	7.3 ----	7.6 -----	6.7 ----	7.6 ----	7.2 ----
LG 30.224	7.4 -----	7.6 -----	7.1 -----	7.6 ----	7.3 -----
Kolossalis	7.4 -----	7.7 -----	6.9 -----	7.6 ---	7.3 -----
SY Madras	7.4 -----	7.4 -----	6.7 ----	7.8 -----	7.1 ----
Kalideas	7.5 -----	7.3 -----	6.9 -----	7.7 -----	7.4 -----
KXB4319	7.3 -----	7.2 ----	7.0 -----	7.5 -	7.2 ----
KXB4132	7.3 -----	7.2 ----	7.1 -----	7.5 -	7.3 -----
SY Gibuti	7.3 -----	7.6 -----	6.6 --	7.6 ----	7.3 -----
Indexx	7.4 -----	7.3 ----	6.7 ----	7.6 ----	7.3 -----
LG 30.306	7.0 -	7.0 ---	6.5 -	7.5 -	7.0 -
-Bezugsgrösse(n)	7.3 -----	7.4 -----	7.0 -----	7.6 ----	7.3 -----
Versuchs-Mittel	7.3 -----	7.4 -----	6.9 -----	7.6 ----	7.3 -----
VK [%]	3.6	4.8	4.0	3.0	2.4
KGD (5%)	0.2	0.6	0.5	ns	ns
KGD (1%)	0.2	ns	ns	ns	ns
Versuchs-Streuung	0.3	0.4	0.3	0.2	0.2
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	7.0	19	5.30 ***	1.63	0.0000
Anbauorte	20.7	5	59.72 ***	2.26	0.0000
WW Verf.*Anb.Orte	8.4	95	1.27 ns	1.32	
Fehler	15.8	228			
Insgesamt	51.8	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG
NK Silotop	7.6 -----	7.6 -----
P 8488	7.2 -	7.1 ----
Palmer	7.4 ---	7.0 --
P8609	7.8 -----	7.1 ----
Quincey	7.5 -----	7.0 --
Agro Polis	7.5 -----	7.3 -----
Frederico KWS	7.5 -----	7.2 -----
Walterinio KWS	7.8 -----	7.3 -----
Figaro	7.3 ---	7.5 -----
Kawaxx	7.5 -----	7.4 -----
Geoxx	7.4 ----	7.0 --
LG 30.224	7.4 ---	7.4 -----
Kolossalis	7.6 -----	7.5 -----
SY Madras	7.6 -----	7.5 -----
Kalideas	7.8 -----	7.7 -----
KXB4319	7.5 -----	7.6 -----
KXB4132	7.7 -----	7.1 ----
SY Gibuti	7.6 -----	7.3 -----
Indexx	7.9 -----	7.6 -----
LG 30.306	7.4 ----	6.8 -
-Bezugsgrösse(n)	7.5 -----	7.3 -----
Versuchs-Mittel	7.5 -----	7.3 -----
VK [%]	2.6	4.1
KGD (5%)	0.3	0.5
KGD (1%)	0.4	ns
Versuchs-Streuung	0.2	0.3
FG Fehlerterm	38.0	38.0
Anz. Beob.	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
NK Silotop	153.1 -----	177.3 -----	170.4 -----	140.5 -	129.7 ----
P 8488	144.4 -	143.6 --	164.6 -----	158.3 -----	125.4 --
Palmer	161.6 -----	168.4 -----	188.4 -----	166.5 -----	151.9 -----
P8609	146.0 -	137.7 -	166.9 -----	154.9 ----	132.2 ----
Quincey	146.0 --	155.2 -----	135.0 -	162.9 -----	138.1 -----
Agro Polis	153.3 -----	161.7 -----	186.3 -----	167.7 -----	134.2 -----
Frederico KWS	153.2 -----	161.3 -----	178.9 -----	171.1 -----	128.0 ---
Walterinio KWS	161.8 -----	170.4 -----	189.0 -----	166.4 -----	140.0 -----
Figaro	149.8 ----	147.0 ---	186.2 -----	150.1 ---	134.7 -----
Kawaxx	151.0 ----	147.6 ---	181.7 -----	159.7 -----	125.4 --
Geoxx	147.9 ---	160.4 -----	183.0 -----	145.8 --	132.1 ----
LG 30.224	144.7 -	147.3 ---	180.9 -----	158.3 -----	122.8 -
Kolossal	150.6 ----	156.1 ----	176.1 -----	148.9 ---	139.5 -----
SY Madras	149.0 ---	166.2 -----	165.4 -----	150.5 ----	121.4 -
Kalideas	150.4 ----	154.9 -----	175.0 -----	159.0 -----	134.9 -----
KXB4319	150.2 ----	146.0 ---	171.0 -----	153.3 ----	132.4 ----
KXB4132	153.4 -----	153.8 -----	187.3 -----	174.3 -----	126.5 ---
SY Gibuti	148.2 ---	157.0 -----	170.7 -----	151.6 ----	120.1 -
Indexx	153.8 -----	152.6 ----	185.1 -----	142.4 -	128.1 ---
LG 30.306	156.8 -----	162.3 -----	172.2 -----	169.7 -----	140.9 -----
-Bezugsgrösse(n)	157.4 -----	172.9 -----	179.4 -----	153.5 -----	140.8 -----
Versuchs-Mittel	151.3 -----	156.3 -----	175.7 -----	157.6 -----	131.9 -----
VK [%]	8.4	11.4	6.3	7.4	7.9
KGD (5%)	8.3	ns	18.4	19.4	ns
KGD (1%)	11.0	ns	24.7	ns	ns
Versuchs-Streuung	12.7	17.8	11.1	11.7	10.4
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	8028.4	19	2.63 ***	1.63	0.0007
Anbauorte	111729.7	5	139.09 ***	2.26	0.0000
WW Verf.*Anb.Orte	23550.8	95	1.54 ns	1.32	
Fehler	36629.7	228			
Insgesamt	179938.6	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG
NK Silotop	164.9 -----	136.0 -----
P 8488	152.8 ---	122.0 ----
Palmer	166.2 -----	128.1 -----
P8609	161.7 -----	122.3 ----
Quincey	161.1 ----	123.7 ----
Agro Polix	160.8 ----	109.1 -
Frederico KWS	162.2 -----	117.9 ----
Walterinio KWS	168.3 -----	136.3 -----
Figaro	153.2 ---	127.4 -----
Kawaxx	157.8 ----	133.7 -----
Geoxx	149.9 --	116.3 ---
LG 30.224	144.5 -	114.1 --
Kolossalis	163.9 -----	119.0 ----
SY Madras	164.8 -----	126.1 -----
Kalideas	164.7 -----	114.0 --
KXB4319	159.4 ----	139.2 -----
KXB4132	168.4 -----	109.8 -
SY Gibuti	157.4 ----	132.2 -----
Indexx	179.3 -----	135.3 -----
LG 30.306	169.4 -----	126.4 -----
-Bezugsgrösse(n)	165.5 -----	132.1 -----
Versuchs-Mittel	161.5 ----	124.4 ----
VK [%]	5.8	11.1
KGD (5%)	15.4	ns
KGD (1%)	ns	ns
Versuchs-Streuung	9.3	13.8
FG Fehlerterm	38.0	38.0
Anz. Beob.	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
NK Silotop	77.2 -----	94.4 -----	82.6 -----	71.5 -	60.2 ----
P 8488	70.5 --	75.6 --	77.2 -----	78.8 ----	56.5 ---
Palmer	79.6 -----	90.8 -----	87.8 -----	87.1 -----	70.9 -----
P8609	72.8 ----	73.1 -	78.0 -----	78.7 ----	61.0 ----
Quincey	70.6 --	77.0 ---	53.5 -	80.1 ----	64.0 -----
Agro Polis	79.3 -----	87.4 -----	89.2 -----	93.9 -----	66.2 -----
Frederico KWS	80.3 -----	87.8 -----	85.9 -----	95.9 -----	65.0 -----
Walterinio KWS	80.1 -----	90.2 -----	85.4 -----	83.8 -----	65.0 -----
Figaro	73.0 ----	74.0 --	78.2 -----	77.6 ---	65.6 -----
Kawaxx	73.4 ----	76.5 ---	82.2 -----	78.2 ---	56.3 ---
Geoxx	73.0 ----	87.2 -----	76.3 -----	72.2 -	62.8 -----
LG 30.224	69.4 -	75.3 --	79.2 -----	78.6 ---	54.2 --
Kolossalis	75.5 -----	84.5 -----	79.4 -----	76.5 ---	67.1 -----
SY Madras	72.1 ---	87.2 -----	73.6 -----	73.1 -	52.4 -
Kalideas	75.2 -----	78.8 ----	81.0 -----	80.9 ----	64.7 -----
KXB4319	73.1 ----	71.8 -	77.1 -----	74.4 --	63.0 -----
KXB4132	77.9 -----	78.0 ---	89.2 -----	89.8 -----	61.3 ----
SY Gibuti	76.6 -----	87.5 -----	82.3 -----	80.8 ----	55.4 --
Indexx	78.4 -----	80.8 ----	83.1 -----	73.6 -	60.3 ----
LG 30.306	78.3 -----	88.2 -----	83.1 -----	86.8 -----	60.5 ----
-Bezugsgrösse(n)	78.4 -----	92.6 -----	85.2 -----	79.3 ----	65.5 -----
Versuchs-Mittel	75.3 -----	82.3 ----	80.2 -----	80.6 ----	61.6 -----
VK [%]	11.0	14.6	8.1	10.7	9.9
KGD (5%)	5.4	ns	10.7	14.3	ns
KGD (1%)	7.2	ns	14.3	ns	ns
Versuchs-Streuung	8.3	12.0	6.5	8.6	6.1
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	4134.6	19	3.17 ***	1.63	0.0003
Anbauorte	21139.4	5	61.51 ***	2.26	0.0000
WW Verf.*Anb.Orte	9850.9	95	1.51 ns	1.32	
Fehler	15670.3	228			
Insgesamt	50795.2	347			

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

Verfahren	8566 Ellighausen TG	9452 Hinterforst SG
NK Silotop	82.4 -----	72.4 -----
P 8488	67.5 -	67.5 ----
Palmer	76.1 ----	64.9 ---
P8609	80.3 -----	65.5 ----
Quincey	79.9 ----	69.3 -----
Agro Poliss	78.0 ----	61.1 -
Frederico KWS	80.5 -----	66.9 ----
Walterinio KWS	82.8 -----	73.6 -----
Figaro	73.0 ---	69.3 -----
Kawaxx	74.3 ----	72.8 -----
Geoxx	73.7 ---	65.8 ----
LG 30.224	65.7 -	63.4 --
Kolossalis	81.0 -----	64.4 ---
SY Madras	77.5 ----	68.6 ----
Kalideas	83.3 -----	62.2 --
KXB4319	76.8 ----	75.5 -----
KXB4132	88.4 -----	60.5 -
SY Gibuti	78.9 ----	74.8 -----
Indexx	95.4 -----	77.1 -----
LG 30.306	82.8 -----	68.6 ----
-Bezugsgrösse(n)	79.2 -----	68.7 -----
Versuchs-Mittel	78.9 ----	68.2 ----
VK [%]	9.0	11.7
KGD (5%)	11.8	ns
KGD (1%)	15.8	ns
Versuchs-Streuung	7.1	8.0
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

Green snapping / gebrochene Pflanzen [%]

Verfahren	Seriemittel	9452 Hinterforst SG
NK Silotop	0.0 -	0.0 -
P 8488	0.7 -	0.7 -
Palmer	2.3 ---	2.3 ---
P8609	1.0 --	1.0 --
Quincey	4.3 -----	4.3 -----
Agro Polis	1.7 --	1.7 --
Frederico KWS	0.7 -	0.7 -
Walterinio KWS	2.3 ---	2.3 ---
Figaro	1.7 --	1.7 --
Kawaxx	0.3 -	0.3 -
Geoxx	3.3 ----	3.3 ----
LG 30.224	9.7 -----	9.7 -----
Kolossalis	0.7 -	0.7 -
SY Madras	1.3 --	1.3 --
Kalideas	1.0 --	1.0 --
KXB4319	0.3 -	0.3 -
KXB4132	2.0 ---	2.0 ---
SY Gibuti	2.0 ---	2.0 ---
Indexx	1.3 --	1.3 --
LG 30.306	0.0 -	0.0 -
-Bezugsgrösse(n)	1.2 --	1.2 --
Versuchs-Mittel	1.8 --	1.8 --
VK [%]	115.8	115.8
KGD (5%)	3.5	3.5
KGD (1%)	4.7	4.7
Versuchs-Streuung	2.1	2.1
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0