Pflanzen
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Résultats des essais variétaux de maïs ensilage 2016

Resultate der Hauptversuche Silomais 2016

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Legende

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

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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, die im Qualitätslabor in Changins mitgearbeitet haben, sowie den zahlreichen Hilfskräften für ihre wertvolle Unterstützung und die angenehme Zusammenarbeit.

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 m^2 à la récolte
- Effektive Bestandesdichte bei der Ernte in Pflanzen pro m^2

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

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

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

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

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

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

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

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

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

Qualité / Qualität:
- Teneur en matière organique digestible (MOD) de la plante entière (g/kg MS) de la variété testée moins la valeur de base; facteur de pondération 0.4
- Gehalt an verdaulicher organischer Substanz der ganzen Pflanzen in g/kg TS der zu beurteilenden Sorte minus Basiswert; Gewichtungsfaktor 0.4

Rendement / Ertrag :
- Rendement en matière sèche (en dt/ha) de la variété testée moins la valeur de base; facteur de pondération 0.5
- TS-Ertrag (in dt/ha) der zu beurteilenden Sorte minus Basiswert; Gewichtungsfaktor 0.5

Précocité / Reife :
- Teneur en matière sèche de la plante entière (en %) de la variété testée moins la valeur de base; facteur de pondération 1.25
- Ganzpflanzen-Trockensubstanzgehalt (in %) der zu beurteilenden Sorte abzüglich Basiswert; Gewichtungsfaktor 1.25

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

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

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

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

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

Indice global / Gesamtindex :
- Somme de tous les indices partiels
- Summe aller Teilindizes

3 Nördlich der Alpen / Nord des Alpes

3.1 Serie früh / série précoce

3.1.1 Standortangaben

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	Saattermin / date de semis	Erntetermin / date de récolte
1260	Nyon	430	4.5.16	1.9.16
1567	Delley	514	27.5.16	26.9.16
1725	Grangeneuve (Posieux)	650	21.5.16	21.9.16
3065	Habstetten	680	10.5.16	29.9.16
5643	Alikon	475	7.5.16	23.9.16
8046	Reckenholz	440	5.5.16	16.9.16
8193	Eglisau	390	10.5.16	3.10.16
8566	Ellighausen	517	11.5.16	4.10.16

3.1.2 Sorten / Status

Name	Synonym	Hybrid Typ	Züchter	Vertreter	KM	SM
Schobbi CS	CSM 0163 A	SC	Caussade	Schweizer		SM01/S
DKC 3333	EL3442	SC	Monsanto	Monsanto		SM01/S
SY Tribore	SB0781	SC	Syngenta	Syngenta, Dielsdorf		SM01/S
Kompetens	KXB2007	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/S	SM01/S
LG 31.211	LZM163/74	SC	Limagrain / Europe	Fenaco, Moudon	KM01/S	SM01/S
Spyci CS	CSM2152	SC	Caussade Semence	Schweizer		SM01/S
Farmezzo	GL 13108	SC	Saatzucht Moreau	Samen Steffen		SM01/e3
Karibous	KXB4302	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e2
EP2932	EP2932	SC	Monsanto, USA	Monsanto, Morges		SM01/e2
Ridley	LZM164/51	SC	Limagrain / Europe	Hauenstein, Rafz		SM01/e1
Stacey	LZM163/52	SC	Limagrain / Europe	Fenaco, Moudon		SM01/e1
MAS 13M	MGM242837	SC	Maisadour, F			SM01/e1
EQ3048	EQ3048	SC	Monsanto, USA	Monsanto, Morges		SM01/e1
SY Adrenic	SA1423	SC	Syngenta, CH	Syngenta, Dielsdorf		SM01/e1
ES Amazing	ESZ4110	TC	Euralis, F			SM01/e1
Kwintus	KXB4033	TC	KWS Saat AG, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e1
KXB6120	KXB6120	SC	KWS Saat AG, Einbeck	KWS Suisse SA, Basel		SM01/e1
KXB5112	KXB5112	SC	KWS Saat AG, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e1
KXB5127	KXB5127	TC	KWS Saat AG, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e1
KXB5302	KXB5302	SC	KWS Saat AG, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM01/e1
KXB5304	KXB5304	TC	KWS Saat AG, Einbeck	KWS Suisse SA, Basel		SM01/e1
KXB5305	KXB5305	TC	KWS Saat AG, Einbeck	KWS Suisse SA, Basel		SM01/e1
ES Scorpion	ESZ2102	SC	Euralis	Euralis		SM01/T
Fabregas	KXA 6306	TC	KWS Saat AG, Einbeck	KWS Suisse SA, Basel		SM01/T
LG 30.222	LZM 158/51	SC	Limagrain / F	Fenaco, Moudon	KM01/S	SM01/T
P8057		SC	Pioneer	Pioneer		SM01/T
SY Amboss	SA1051	SC	Syngenta, CH	Syngenta, Dielsdorf		SM01/T
P7524	X75A244	SC	Pioneer	Pioneer, Manno		SM01/T
Lidano	SL19023	SC	Saatbau Linz	Saatbau Linz		SM01/T
Coditank	CSM1161	SC	Caussade Semence	Fenaco, Moudon		SM11/T

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

Technische Versuchsangaben / données techniques / technical information								
Standort / lieu / site:	Nyon (430 m ü.M.)	Delley (500 m ü.M.) Pré Billon 2	Grangeneuve (650 m ü.M.)	Habstetten (680 m ü.M.)	Alikon (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 Schlufflehm, pH 7.2	tiefgründige Braunerde	sehr tiefgründige Kalbraunerde / Parabraunerde, schwach humos	pH 7.5; Lehm
Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):	339 mm 1435 °C	318.8 mm 1576.6 °C	-	358 mm 1610 °C	-	556 mm 1597 °C	-	581 mm 1565 °C
Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen /blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzellengrösse / grandeur d'une parcelle / plot size:	4reihig, mit 0.8m Weg (22.4m2 brutto), 10m2 netto	Semé: 17 m2 per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs Récolté: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	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:	tournesol	Blé d'automne	Mais / maïs	Mais / maïs	Zuckerrüben	versch. Wintergetreide + Zwischenbegrünung / divers céréales + dérobé / various cereals + temporary grassland	Winterweizen	Raps + Zwischenfutter (Erbs-Wick-Hafer)
Bodenbearbeitung / travail du sol / soil cultivation:	cultivateur 03 mai ; herse rotative 04 mai	labour, herse rotative	12.04.2016: labour, 21.05.2016: herse rotative	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Grubber (5.5.16) und Kreiselegge (6.5.16) / cultivateur et herse rotative / chisel and rotary harrow	Pflug / charrue / plough (21.10.15); Kreiselegge / herse rotative / rotary harrow (5.5.16)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug / charrue / plough (18.12.15); Federzahnegge / herse / harrow
Saat / date de semis / sowing date:	04.05.2016	27.05.2016	21.05.2016	10.05.2016	07.05.2016	05.05.2016	10.05.2016	11.05.2016
Ernte / date de récolte / harvest date:	01.09.2016	26.09.2016	21.09.2016	29.09.2016	23.09.2016	16.09.2016	03.10.2016	04.10.2016
Saatdichte / densité de semis / sowing density:	11.0 Körner / grains pro m2	Semis: 10.8 grains pro m2, éclaircit à 10 plantes/m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.5 Körner / grains pro m2	11.5 Körner / grains pro m2	11.5 Körner / grains pro m2	11.5 Körner / grains pro m2

	Nyon (430 m ü.M.)	Delley (500 m ü.M.) Pré Billon 2	Grangeneuve (650 m ü.M.)	Habstetten (680 m ü.M.)	Alikon (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	120 Tage / jours / days	122 jours	123 Tage / jours / days	142 Tage / jours / days	139 Tage / jours / days	134 Tage / jours / days	146 Tage / jours / days	146 Tage / jours / days
Reihenabstand / interlignes / row distance:	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm	75 cm	75 cm
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	non	-	-	-	1 x hacken Nach-auflauf zwischen den Reihen / sarclage (après la levée) entre les lignées / hoeing after emergence in between rows (23.6.16)	keine / rien / nothing	-
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Nettoyage parcelle Roundup 28 04 0.5 l/ ha Banvel 4 S+1,25l/ha Dual Gold, 1,3 l/ ha Elumis (06 06 2016)	2l/ha Laudis + 1.5l/ha Aspect	10.06.2016: Equip Power, 1.5lt/ha	Calaris 1.5l/ha, Dual Gold 1.2l/ha Nicogan 1 l/ha (07.06.16)	Arigo TM 0.3 kg/ha, Dual Gold 0.5l/ha, Banvel 4 S 0,5l/ha (07.06.2016)	Aspect 1.5 l/ha, Laudis 1.5l/ha (24.6.16)	Garda Gold 4l/ha, Calisto 0.8l/ha, MaisNico 0.7l/ha (7.6.16)	Gardo Gold 4l/ha + Callisto 0.75l/ha + Banvel 4S 0.5l/ha (12.6.16)
Grunddüngung / fumure de base / basic fertilisation:	50 t ha compost 17.5 N 200 P 285 K 155 Mg mars 2016	Landor 0-20-30 420kg/ha	-	120kg K / ha, 57.6kg P / ha	25 m3/ha (29.4.16, Schweinegülle), 30 m3/ha (23.6.16, Schweinegülle)	Stapelmist Rindvieh 10t/ha (19.10.15); Kompost 30t/ha (20.10.15)	Mist 30 m3/ha	15 t/ha Stapelmist (Herbst 2015)
N-Düngung / fumure N / N fertilisation:	220 kg /ha nitrate ammoniaque 27.5 % 2.5 % Mg (59.4 N-0-0-5.5Mg) 10 05 130 kg /ha Urée perlée 59.9 N 23 06	17.05.16: Landor Sulfonitrate 26% 80U ; 04.07.16: Urée granulée 46% 76U	24.06.2016: Urée (46%) 2.0kg/are	45.9 kg / ha (21.5.16, Ammonsalpeter 27%); 82.8kg N/ha (24.06.16, Harnstoff 46%)	Harnstoff : 06. Mai 16 = 70 kg / ha , 07.Juni 16 = 130 kg / ha	60kg N /ha, 12.5kg Mg /ha (23.6.16, Mg Ammonsalpeter), 46kg N /ha (23.6.16, Harnstoff) zur Reihe / près de la ligne / to the row	Harnstoff 46%: 60 kg N/ha (30.05.16), Harnstoff 46%: 92 kg N/ha (24.06.2016)	40kg N/ha (4.6.16, Ammonsalpeter); 65kg N/ha (22.6.16, Harnstoff)
N-Mineralisierung zu Vegetationsbeginn / minéralisation azote au début de la saison / N mineralisation at the beginning of the vegetation period:	-	inconnu	-	-	-	nach der Ernte 64 kg N/ha (0-90 cm)	-	-
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Ensileuse experimentale	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	New Holland Versuchsmaishäcksler			

3.1.4 Index

Sorte	Status	VOS	Ertrag	Reife	Jugend-entwicklung	Wurzellag. Veget.	Wurzellag. Ernte	Stängelbr. Ernte	Beulen-brand	Oekon. Index	Agron. Index	Gesamt-index
KXB5127	e1	2.26	7.66	-0.88	-0.25	0.00	0.00	-0.20	-0.10	9.93	-1.43	8.50
KXB5305	e1	1.25	7.16	-1.20	-0.11	-0.13	0.00	0.20	-0.05	8.41	-1.29	7.12
KXB5302	e1	2.82	4.67	-1.52	-0.06	0.00	0.00	0.20	-0.02	7.49	-1.40	6.09
EQ3048	e1	2.48	0.84	0.95	0.04	0.00	0.00	0.20	0.05	3.32	1.24	4.56
KXB5112	e1	-5.62	7.34	1.05	0.17	-0.26	0.00	0.20	0.03	1.72	1.18	2.91
Spyci CS	S	-0.69	0.20	0.49	-0.10	0.00	0.00	0.20	0.02	-0.49	0.61	0.12
LG 31.211	S	0.69	-0.20	-0.49	0.10	0.00	0.00	-0.20	-0.02	0.49	-0.61	-0.12
Kompetens	S	2.45	-0.36	-1.39	-0.86	0.00	0.00	-0.20	-0.01	2.09	-2.45	-0.36
KXB6120	e1	-3.75	5.54	-2.31	-0.29	0.00	0.00	0.20	-0.07	1.79	-2.47	-0.68
KXB5304	e1	-0.79	2.14	-2.10	-0.21	0.00	0.00	0.20	-0.01	1.34	-2.13	-0.79
ES Amazing	e1	-4.66	5.61	-1.74	-0.22	0.00	0.00	0.20	-0.04	0.95	-1.81	-0.86
P7524	T	-0.49	0.23	-0.41	-0.11	-0.26	0.00	0.20	-0.17	-0.25	-0.75	-1.00
SY Amboss	T	-4.78	4.25	-0.75	0.08	0.00	0.00	0.20	-0.09	-0.53	-0.56	-1.08
EP2932	e2	1.89	-2.47	-1.29	-0.32	0.00	0.00	0.20	-0.04	-0.58	-1.45	-2.03
Karibous	e2	2.54	-3.63	-2.21	-0.25	0.00	0.00	0.20	-0.01	-1.09	-2.28	-3.37
Kwintus	e1	-2.67	2.21	-2.70	0.05	0.00	0.00	-0.20	-0.21	-0.46	-3.06	-3.51
DKC 3333	S	2.93	-3.83	-2.56	-0.49	0.00	0.00	0.20	0.05	-0.90	-2.81	-3.71
SY Adrenic	e1	5.36	-6.05	-3.33	-0.25	0.00	0.00	0.20	-0.04	-0.69	-3.44	-4.13
Ridley	e1	-5.80	3.10	-2.09	0.16	0.00	0.00	0.20	-0.05	-2.70	-1.78	-4.49
P 8057	T	-0.93	-1.83	-1.11	-0.31	-0.39	0.00	-0.20	-0.05	-2.76	-2.05	-4.81
LG 30.222	T	-0.67	-3.01	-1.91	-0.14	0.00	0.00	0.20	0.00	-3.68	-1.85	-5.53
MAS 13M	e1	-5.06	0.84	-2.00	0.10	0.00	0.00	0.20	0.05	-4.22	-1.66	-5.88
Stacey	e1	0.93	-6.23	-1.20	0.05	0.00	0.00	0.20	0.05	-5.30	-0.91	-6.20
Farmezzo	e3	-2.69	-0.35	-3.04	-0.26	0.00	0.00	-0.20	-0.08	-3.04	-3.58	-6.63
ES Scorpion	T	-10.19	5.60	-2.98	-0.71	0.00	0.00	0.20	-0.03	-4.59	-3.53	-8.11
SY Tribore	S	-1.36	-3.97	-2.37	-0.77	0.00	0.00	0.20	0.03	-5.33	-2.92	-8.26
Schobbi CS	S	-0.89	-7.45	-0.23	-0.48	0.00	0.00	0.20	-0.01	-8.33	-0.53	-8.86
Coditank	T	-0.02	-7.28	-1.12	-0.60	0.00	0.00	-0.20	0.03	-7.29	-1.88	-9.17
Lidano	T	-2.96	-4.20	-1.78	-0.97	-0.13	0.00	0.20	-0.26	-7.16	-2.95	-10.11
Fabregas	T	-5.63	-9.18	-1.03	-0.41	0.00	0.00	0.20	0.05	-14.81	-1.19	-16.01
Bezugsgrössen		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anz. Beob.		22	22	22	22	3	3	3	10			
Anz. Orte		8	8	8	8	1	1	1	4			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.1.5 Zusammenfassung / résumé

Sorten Bezeichnung	Jugend ent-wicklg Note	allg. Eindruck Note	Helmin. thosp. Note	Pflanzen hoehe cm	Kolben ansatz hoehe cm	VOS g/kg TS g.Pfl. NIR	Staerke g/kg TS g.Pfl. NIR	Rohfaser g/kg TS NIR
Schobbi CS	3.9	6	1.5	248	96	699.2	368	173
DKC 3333	3.9	1.7	1.1	232	103	708.7	371	169
SY Tribore	4.5	3	1.7	237	103	698	363	170
Kompetens	4.6	4	1.3	237	95	707.5	377	161
LG 31.211	2.7	3.7	3.1	254	101	703.1	377	166
Spyci CS	3.1	6.3	1.3	252	108	699.6	372	166
Farmezzo	3.5	4.3	1.5	266	112	694.6	368	168
Karibous	3.4	4	1.7	242	104	707.7	384	161
EP2932	3.6	3.3	1.2	237	98	706.1	375	165
Ridley	2.6	3	2.4	265	114	686.9	356	173
Stacey	2.8	4.3	3.5	246	107	703.7	374	165
MAS 13M	2.7	3.3	1.2	249	108	688.7	362	174
EQ3048	2.9	3	1.3	250	99	707.6	385	165
SY Adrenic	3.4	4.7	1.2	241	102	714.8	388	158
ES Amazing	3.4	3.3	1.5	279	117	689.7	360	172
Kwintus	2.8	1.3	1.4	249	117	694.7	352	173
KXB6120	3.5	2.3	1.5	265	132	692	354	175
KXB5112	2.6	6	2.8	280	122	687.3	378	168
KXB5127	3.4	4.7	1.6	269	116	707	376	162
KXB5302	3	3	1.2	265	112	708.4	380	162
KXB5304	3.4	3.7	1.5	252	111	699.4	381	162
KXB5305	3.1	4.3	1.2	263	116	704.5	382	162
ES Scorpion	4.4	2.7	1.5	292	133	675.9	343	178
Fabregas	3.8	5	2.4	246	112	687.3	371	172
LG 30.222	3.2	2	1.5	241	105	699.7	364	169
P 8057	3.5	5.7	1.1	247	109	699.1	368	170
SY Amboss	2.8	3.7	1.6	262	119	689.4	368	175
P7524	3.1	5.3	2.1	271	121	700.2	360	167
Lidano	4.9	5.3	3.2	257	105	694	368	167
Coditank	4.1	5	1.3	246	100	701.3	375	167
Bezugsgrösse(n)	2.9	5	2.2	253	105	701.4	374	166
Versuchs-Mittel	3.4	3.9	1.7	255	110	698.5	370	168
VK [%]	24.8	25.7	44.9	4	10	2.6	7	8
KGD (5%)	0.5	1.7	1.1	8	8	10.9	16	8
KGD (1%)	0.7	2.2	1.4	10	11	14.4	20	10
Versuchs-Streuung	0.8	1	0.8	11	11	18.4	26	13
FG Fehlerterm	406	58	58	261	261	403	403	403
Anz. Beob.	22	3	4	14	14	22	22	22
Anz. Orte	8	1	2	5	5	8	8	8
Minimum	2.6	1.3	1.1	232	95	675.9	343	158
Maximum	4.9	6.3	3.5	292	133	714.8	388	178

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. %	Wurzellager Veg. %	Wurzellager Ernte %	Steng. bruch Ernte %	Beulenbrand %
Schobbi CS	363	63	486	189.4	39.4	0	0	0	0.4
DKC 3333	359	61	530	196.7	37.5	0	0	0	0
SY Tribore	366	64	528.3	196.4	37.6	0	0	0	0.2
Kompetens	347	65	533.7	203.6	38.4	0	0	4.2	0.5
LG 31.211	356	62	526.1	203.9	39.1	0	0	4.2	0.5
Spyci CS	351	62	519.7	204.7	39.9	0	0	0	0.3
Farmezzo	360	62	551.3	203.6	37.1	0	0	4.2	1.1
Karibous	340	65	526.5	197.1	37.8	0	0	0	0.5
EP2932	353	63	521.2	199.4	38.5	0	0	0	0.7
Ridley	367	64	560.2	210.5	37.9	0	0	0	0.8
Stacey	358	62	505.3	191.9	38.6	0	0	0	0
MAS 13M	373	62	547.3	206	37.9	0	0	0	0
EQ3048	352	60	515.6	206	40.3	0	0	0	0
SY Adrenic	335	65	524	192.2	36.9	0	0	0	0.7
ES Amazing	361	68	565.3	215.5	38.1	0	0	0	0.7
Kwintus	370	65	563.7	208.7	37.4	0	0	4.2	2.1
KXB6120	373	62	577.9	215.4	37.7	0	0	0	0.9
KXB5112	359	62	546.9	219	40.4	8.3	0	0	0.2
KXB5127	343	66	570.2	219.6	38.8	0	0	4.2	1.2
KXB5302	348	63	564.3	213.6	38.3	0	0	0	0.6
KXB5304	346	63	554.2	208.6	37.9	0	0	0	0.5
KXB5305	347	63	567.8	218.6	38.6	4.2	0	0	0.8
ES Scorpion	371	66	585.2	215.5	37.2	0	0	0	0.7
Fabregas	362	65	485	185.9	38.7	0	0	0	0
LG 30.222	366	65	531.9	198.3	38	0	0	0	0.4
P 8057	361	65	524	200.6	38.7	12.5	0	4.2	0.8
SY Amboss	379	63	551.5	212.8	38.9	0	0	0	1.1
P7524	371	62	527.5	204.8	39.2	8.3	0	0	1.7
Lidano	355	63	518.3	195.9	38.1	4.2	0	0	2.5
Coditank	359	63	496.7	189.8	38.6	0	0	4.2	0.1
Bezugsgrösse(n)	354	62	522.9	204.3	39.5	0	0	2.1	0.4
Versuchs-Mittel	358	63	536.9	204.1	38.4	1.3	0	1	0.7
VK [%]	6	5	9.2	8.5	5.3	337.3		363.8	196.3
KGD (5%)	12	2	29.2	10.3	1.2				1.2
KGD (1%)	16	3	38.5	13.6	1.6				1.5
Versuchs-Streuung	21	3	49.3	17.4	2	4.2	0	3.5	1.3
FG Fehlerterm	403	403	406	406	406	58	58	58	174
Anz. Beob.	22	22	22	22	22	3	3	3	10
Anz. Orte	8	8	8	8	8	1	1	1	4
Minimum	335	60	485	185.9	36.9	0	0	0	0
Maximum	379	68	585.2	219.6	40.4	12.5	0	4.2	2.5

Sorten Bezeichnung	relat. Kolbenhoehe %	Saat - weibl. Bluete Tage	Eff. Best. dichte Pfl./m2	NEL MJ/kg TS	NEV MJ/kg TS	VOS-Ertrag dt/ha	Stärke-ertrag dt/ha
Schobbi CS	39	78	10	6.3	6.5	132.5	69.4
DKC 3333	44	79	9.8	6.4	6.6	139.3	72.6
SY Tribore	43	79	9.7	6.3	6.5	137.6	71.5
Kompetens	40	78	10.1	6.4	6.6	144.1	76.6
LG 31.211	40	76	10.1	6.4	6.6	143.6	76.6
Spyci CS	43	77	9.9	6.3	6.5	142	75.3
Farmezzo	42	79	10.1	6.3	6.4	141.7	75.1
Karibous	43	77	10.2	6.4	6.6	139.6	75.6
EP2932	41	78	9.8	6.4	6.6	140.9	74.9
Ridley	43	77	10.1	6.2	6.3	144.8	74.9
Stacey	43	76	9.7	6.4	6.6	135.3	71.9
MAS 13M	43	78	9.8	6.2	6.3	142	74.6
EQ3048	40	76	9.7	6.4	6.6	145.9	79.2
SY Adrenic	42	77	9.6	6.5	6.7	137.4	74.7
ES Amazing	42	78	10.1	6.2	6.4	149	78
Kwintus	47	79	10.2	6.3	6.4	145	73.4
KXB6120	50	80	9.9	6.3	6.4	149.2	76.4
KXB5112	43	77	10.3	6.2	6.3	151	83.1
KXB5127	43	77	10.2	6.4	6.6	155.4	82.3
KXB5302	42	79	10.1	6.4	6.6	151.8	81.5
KXB5304	44	78	10.3	6.3	6.5	145.9	79.3
KXB5305	44	77	10.1	6.4	6.6	154.2	83.9
ES Scorpion	46	81	10.5	6.1	6.2	145.6	73.9
Fabregas	46	77	10.3	6.2	6.3	127.7	68.9
LG 30.222	44	78	9.7	6.4	6.5	138.8	72
P 8057	44	77	10	6.3	6.5	140.2	73.9
SY Amboss	45	79	10.3	6.2	6.3	146.9	78.4
P7524	45	76	10.1	6.4	6.5	143.5	73.5
Lidano	41	80	9.4	6.3	6.4	136.2	72.3
Coditank	41	78	9.9	6.4	6.5	133.4	71.4
Bezugsgrösse(n)	41	77	10	6.4	6.5	142.8	76
Versuchs-Mittel	43	78	10	6.3	6.5	142.7	75.5
VK [%]	9	2	5.5	3.2	4	9.6	12.3
KGD (5%)	3	1	0.3	0.1	0.2	8.1	5.5
KGD (1%)	4	1	0.4	0.2	0.2	10.7	7.2
Versuchs-Streuung	4	1	0.5	0.2	0.3	13.7	9.3
FG Fehlerterm	261	261	406	403	403	403	403
Anz. Beob.	14	14	22	22	22	22	22
Anz. Orte	5	5	8	8	8	8	8
Minimum	39	76	9.4	6.1	6.2	127.7	68.9
Maximum	50	81	10.5	6.5	6.7	155.4	83.9

3.1.6 Details

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	3.9	------	3.7	-------	4.3	--------	4.0	---------	3.0	-----
DKC 3333	3.9	------	4.7	----------	4.0	-------	3.3	------	3.7	------
SY Tribore	4.5	---------	4.0	--------	4.7	---------	3.3	------	5.3	---------
Kompetens	4.6	----------	5.0	----------	4.7	---------	4.3	----------	4.3	-------
LG 31.211	2.7	-	1.0	-	2.7	---	2.7	--	2.7	----
Spyci CS	3.1	---	3.3	------	4.0	-------	3.0	----	3.0	-----
Farmezzo	3.5	----	3.3	------	3.3	-----	3.3	------	4.0	-------
Karibous	3.4	----	4.0	--------	3.3	-----	3.7	-------	2.0	---
EP2932	3.6	-----	3.7	-------	4.0	-------	3.0	----	3.0	-----
Ridley	2.6	-	2.0	---	2.0	--	2.3	-	1.0	-
Stacey	2.8	--	3.0	------	2.3	--	2.7	--	2.0	---
MAS 13M	2.7	-	1.3	-	3.0	----	3.0	----	3.0	-----
EQ3048	2.9	--	4.3	---------	2.7	---	2.3	-	2.3	---
SY Adrenic	3.4	----	3.0	------	4.0	-------	3.0	----	3.3	-----
ES Amazing	3.4	----	3.3	------	3.0	----	3.0	----	3.0	-----
Kwintus	2.8	--	3.0	------	1.7	-	2.3	-	2.0	---
KXB6120	3.5	-----	3.3	------	4.0	-------	2.7	--	3.0	-----
KXB5112	2.6	-	1.7	--	3.3	-----	2.7	--	2.0	---
KXB5127	3.4	----	3.3	------	3.7	------	3.0	----	3.0	-----
KXB5302	3.0	---	3.0	------	3.0	----	3.0	----	2.7	----
KXB5304	3.4	----	3.7	-------	2.7	---	3.0	----	2.3	---
KXB5305	3.1	---	3.3	------	3.3	-----	3.0	----	3.3	-----
ES Scorpion	4.4	--------	4.7	----------	3.7	------	3.7	-------	3.3	-----
Fabregas	3.8	------	2.7	-----	4.3	--------	3.7	-------	3.0	-----
LG 30.222	3.2	---	2.7	-----	2.7	---	3.0	----	3.0	-----
P 8057	3.5	-----	2.7	-----	4.7	---------	3.0	----	3.3	-----
SY Amboss	2.8	-	2.3	----	2.3	--	3.0	----	3.0	-----
P7524	3.1	---	3.7	-------	3.7	------	2.7	--	2.7	----
Lidano	4.9	----------	3.7	-------	5.3	----------	4.0	---------	6.0	----------
Coditank	4.1	-------	3.7	-------	4.7	---------	4.0	---------	4.3	-------
-Bezugsgrösse(n)	2.9	--	2.2	----	3.3	-----	2.8	---	2.8	----
Versuchs-Mittel	3.4	----	3.2	------	3.5	------	3.1	-----	3.1	-----
VK [%]	24.8		29.3		32.4		18.5		15.1	
KGD (5%)	0.5		1.5		1.9		0.9		0.8	
KGD (1%)	0.7		2.1		ns		1.3		1.0	
Versuchs-Streuung	0.8		0.9		1.1		0.6		0.5	
FG Fehlerterm	406.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	240.2	29	11.51	***	1.50	0.0000
Anbauorte	315.1	7	62.56	***	2.03	0.0000
WW Verf.*Anb.Orte	190.7	203	1.31	ns	1.22	
Fehler	292.1	406				
Insgesamt	1038.1	645				

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	3.0	-----	6.5	---------	3.0	-------	3.7	------
DKC 3333	3.0	-----	6.5	---------	2.8	------	3.3	-----
SY Tribore	4.0	---------	6.5	---------	3.7	----------	4.3	--------
Kompetens	4.0	---------	6.5	---------	3.7	----------	4.7	---------
LG 31.211	2.5	---	5.5	------	2.7	-----	2.2	-
Spyci CS	2.0	-	4.5	---	2.7	-----	2.5	--
Farmezzo	3.0	-----	4.0	--	3.0	-------	3.7	------
Karibous	3.0	-----	6.0	--------	2.8	------	2.7	---
EP2932	3.0	-----	5.5	------	3.3	---------	3.0	----
Ridley	2.5	---	6.0	--------	2.0	-	3.0	----
Stacey	3.0	-----	4.5	---	2.3	---	2.8	---
MAS 13M	2.0	-	4.5	---	2.5	----	2.5	--
EQ3048	2.0	-	3.5	-	2.7	-----	3.0	----
SY Adrenic	3.0	-----	5.0	-----	3.0	-------	3.2	----
ES Amazing	3.5	-------	5.5	------	2.5	----	3.2	----
Kwintus	2.5	---	5.0	-----	2.2	--	4.0	-------
KXB6120	3.5	-------	4.0	--	3.2	--------	4.3	--------
KXB5112	2.0	-	4.0	--	2.2	--	2.8	---
KXB5127	3.0	-----	5.5	------	3.0	-------	3.0	----
KXB5302	2.5	---	4.5	---	2.8	------	2.8	---
KXB5304	3.0	-----	6.5	---------	3.0	-------	2.7	---
KXB5305	3.0	-----	4.0	--	2.8	------	2.3	--
ES Scorpion	4.0	---------	7.0	----------	3.7	----------	4.8	---------
Fabregas	3.5	-------	5.5	------	3.3	---------	4.0	-------
LG 30.222	3.0	-----	5.0	-----	3.0	-------	3.3	-----
P 8057	3.0	-----	5.5	------	3.2	--------	3.0	----
SY Amboss	2.5	---	3.5	-	2.8	------	2.7	---
P7524	3.5	-------	4.0	--	3.0	-------	2.0	-
Lidano	4.5	----------	7.0	----------	3.2	--------	5.3	----------
Coditank	4.5	----------	4.5	---	3.3	---------	4.0	-------
-Bezugsgrösse(n)	2.3	--	5.0	-----	2.7	-----	2.3	--
Versuchs-Mittel	3.1	-----	5.2	-----	2.9	------	3.3	----
VK [%]	16.7		29.9		15.9		26.2	
KGD (5%)	1.0		ns		0.8		1.4	
KGD (1%)	1.4		ns		1.0		1.9	
Versuchs-Streuung	0.5		1.6		0.5		0.9	
FG Fehlerterm	29.0		29.0		58.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
Schobbi CS	6.0	----------	6.0	----------
DKC 3333	1.7	-	1.7	-
SY Tribore	3.0	----	3.0	----
Kompetens	4.0	------	4.0	------
LG 31.211	3.7	-----	3.7	-----
Spyci CS	6.3	----------	6.3	----------
Farmezzo	4.3	-------	4.3	-------
Karibous	4.0	------	4.0	------
EP2932	3.3	-----	3.3	-----
Ridley	3.0	----	3.0	----
Stacey	4.3	-------	4.3	-------
MAS 13M	3.3	-----	3.3	-----
EQ3048	3.0	----	3.0	----
SY Adrenic	4.7	-------	4.7	-------
ES Amazing	3.3	-----	3.3	-----
Kwintus	1.3	-	1.3	-
KXB6120	2.3	---	2.3	---
KXB5112	6.0	----------	6.0	----------
KXB5127	4.7	-------	4.7	-------
KXB5302	3.0	----	3.0	----
KXB5304	3.7	-----	3.7	-----
KXB5305	4.3	-------	4.3	-------
ES Scorpion	2.7	---	2.7	---
Fabregas	5.0	--------	5.0	--------
LG 30.222	2.0	--	2.0	--
P 8057	5.7	---------	5.7	---------
SY Amboss	3.7	-----	3.7	-----
P7524	5.3	---------	5.3	---------
Lidano	5.3	---------	5.3	---------
Coditank	5.0	--------	5.0	--------
-Bezugsgrösse(n)	5.0	--------	5.0	--------
Versuchs-Mittel	3.9	------	3.9	------
VK [%]	25.7		25.7	
KGD (5%)	1.7		1.7	
KGD (1%)	2.2		2.2	
Versuchs-Streuung	1.0		1.0	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

Helminthosporium turcicum [note] / Helminthosporium turcicum [Note]

Verfahren	Seriemittel		5643 Alikon AG		8046 Reckenholz ZH	
Schobbi CS	1.5	--	1.8	----	1.2	-
DKC 3333	1.1	-	1.2	-	1.1	-
SY Tribore	1.7	---	1.5	---	1.9	---
Kompetens	1.3	-	1.4	--	1.3	-
LG 31.211	3.1	---------	3.5	----------	2.7	-----
Spyci CS	1.3	-	1.6	---	1.1	-
Farmezzo	1.5	--	1.8	----	1.2	-
Karibous	1.7	---	1.2	-	2.2	----
EP2932	1.2	-	1.2	-	1.2	-
Ridley	2.4	------	1.8	----	3.1	------
Stacey	3.5	----------	2.5	-------	4.5	----------
MAS 13M	1.2	-	1.3	--	1.1	-
EQ3048	1.3	-	1.5	---	1.1	-
SY Adrenic	1.2	-	1.4	--	1.1	-
ES Amazing	1.5	--	1.8	----	1.2	-
Kwintus	1.4	--	1.6	---	1.2	-
KXB6120	1.5	--	1.0	-	2.0	---
KXB5112	2.8	-------	1.5	---	4.0	---------
KXB5127	1.6	---	1.6	---	1.7	--
KXB5302	1.2	-	1.3	--	1.1	-
KXB5304	1.5	--	1.8	----	1.2	-
KXB5305	1.2	-	1.4	--	1.0	-
ES Scorpion	1.5	--	1.8	----	1.2	-
Fabregas	2.4	------	3.5	----------	1.4	--
LG 30.222	1.5	--	1.9	----	1.1	-
P 8057	1.1	-	1.3	--	1.0	-
SY Amboss	1.6	--	1.7	---	1.5	--
P7524	2.1	-----	2.3	------	1.9	---
Lidano	3.2	---------	3.3	----------	3.1	-------
Coditank	1.3	-	1.4	--	1.2	-
-Bezugsgrösse(n)	2.2	-----	2.5	-------	1.9	---
Versuchs-Mittel	1.7	---	1.7	----	1.7	---
VK [%]	44.9		42.0		47.7	
KGD (5%)	1.1		ns		1.6	
KGD (1%)	1.4		ns		2.2	
Versuchs-Streuung	0.8		0.7		0.8	
FG Fehlerterm	58.0		29.0		29.0	
Anz. Beob.	4.0		2.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	51.1	29	3.03	***	1.66	0.0004
Anbauorte	0.1	1	0.23	ns	4.00	0.6339
WW Verf.*Anb.Orte	22.5	29	1.33	ns	1.66	0.1755
Fehler	33.7	58				
Insgesamt	107.4	117				

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel		1260 Nyon		1725 Posieux		3065 Habstetten		8046 Reckenholz ZH	
Schobbi CS	247.8	---	240.0	---	248.3	--	241.7	----	232.5	-----
DKC 3333	232.3	-	225.0	-	243.3	-	223.3	-	205.0	-
SY Tribore	236.5	-	236.7	---	240.0	-	226.7	-	217.5	---
Kompetens	236.7	-	235.0	--	245.0	-	223.3	-	210.0	-
LG 31.211	254.3	----	253.3	-----	256.7	---	241.7	----	235.0	------
Spyci CS	252.0	----	253.3	-----	246.7	--	238.3	---	235.0	------
Farmezzo	266.0	------	253.3	-----	266.7	-----	246.7	-----	250.0	--------
Karibous	242.0	--	236.7	---	245.0	-	251.7	------	210.0	-
EP2932	237.0	-	233.3	--	240.0	-	235.0	---	220.0	---
Ridley	264.5	------	263.3	-------	260.0	----	255.0	-------	247.5	--------
Stacey	246.0	---	240.0	---	246.7	--	238.3	---	230.0	-----
MAS 13M	249.0	---	241.7	---	263.3	----	233.3	--	230.0	-----
EQ3048	250.0	----	233.3	--	248.3	--	253.3	------	235.0	------
SY Adrenic	241.0	--	241.7	---	248.3	--	225.0	-	215.0	--
ES Amazing	279.2	--------	263.3	-------	283.3	--------	266.7	---------	262.5	----------
Kwintus	248.8	---	233.3	--	260.0	----	240.0	----	232.5	-----
KXB6120	265.0	------	250.0	-----	276.7	-------	253.3	------	245.0	-------
KXB5112	280.3	---------	273.3	---------	290.0	---------	275.0	----------	250.0	--------
KXB5127	268.5	-------	250.0	-----	280.0	-------	256.7	-------	247.5	--------
KXB5302	265.2	------	253.3	-----	263.3	----	260.0	-------	242.5	-------
KXB5304	251.5	----	250.0	-----	263.3	----	253.3	------	212.5	--
KXB5305	262.7	------	250.0	-----	261.7	----	246.7	-----	265.0	----------
ES Scorpion	292.3	----------	285.0	----------	301.7	----------	276.7	----------	265.0	----------
Fabregas	246.0	---	241.7	---	250.0	--	238.3	---	220.0	---
LG 30.222	240.8	--	225.0	-	246.7	--	245.0	-----	217.5	---
P 8057	247.2	---	245.0	----	251.7	--	235.0	---	227.5	----
SY Amboss	262.3	------	263.3	-------	250.0	--	245.0	-----	260.0	----------
P7524	270.5	-------	260.0	------	271.7	------	263.3	--------	252.5	---------
Lidano	257.3	-----	260.0	------	261.7	----	236.7	---	235.0	------
Coditank	245.7	---	243.3	----	248.3	--	230.0	--	235.0	------
-Bezugsgrösse(n)	253.2	----	253.3	-----	251.7	--	240.0	----	235.0	------
Versuchs-Mittel	254.6	----	247.8	----	258.6	----	245.2	-----	234.8	------
VK [%]	4.2		4.4		3.8		3.8		5.7	
KGD (5%)	7.9		17.9		16.0		15.1		27.6	
KGD (1%)	10.4		23.9		21.3		20.1		37.2	
Versuchs-Streuung	10.6		11.0		9.8		9.3		13.5	
FG Fehlerterm	261.0		58.0		58.0		58.0		29.0	
Anz. Beob.	14.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	85885.5	29	26.25	***	1.51	0.0000
Anbauorte	132808.2	4	294.33	***	2.41	0.0000
WW Verf.*Anb.Orte	18480.5	116	1.41	ns	1.29	
Fehler	29442.1	261				
Insgesamt	266616.2	410				

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	8566 Ellighausen TG	
Schobbi CS	276.7	---
DKC 3333	265.0	--
SY Tribore	261.7	-
Kompetens	270.0	--
LG 31.211	285.0	----
Spyci CS	286.7	-----
Farmezzo	313.3	--------
Karibous	266.7	--
EP2932	256.7	-
Ridley	296.7	------
Stacey	275.0	---
MAS 13M	276.7	---
EQ3048	280.0	----
SY Adrenic	275.0	---
ES Amazing	320.0	---------
Kwintus	278.3	---
KXB6120	300.0	------
KXB5112	313.3	--------
KXB5127	308.3	-------
KXB5302	306.7	-------
KXB5304	278.3	---
KXB5305	290.0	-----
ES Scorpion	333.3	----------
Fabregas	280.0	----
LG 30.222	270.0	--
P 8057	276.7	---
SY Amboss	293.3	-----
P7524	305.0	-------
Lidano	293.3	-----
Coditank	271.7	---
-Bezugsgrösse(n)	285.8	----
Versuchs-Mittel	286.8	-----
VK [%]	3.7	
KGD (5%)	17.5	
KGD (1%)	23.3	
Versuchs-Streuung	10.7	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Posieux		3065 Habstetten		8046 Reckenholz ZH	
Schobbi CS	95.7	-	110.0	---	91.7	-	93.3	--	75.0	--
DKC 3333	102.7	---	111.7	---	100.0	---	108.3	------	70.0	-
SY Tribore	102.7	---	106.7	--	101.7	---	101.7	----	85.0	----
Kompetens	95.2	-	108.3	---	90.0	-	88.3	-	82.5	----
LG 31.211	101.0	--	115.0	----	95.0	--	101.7	----	80.0	---
Spyci CS	108.0	----	118.3	-----	100.0	---	100.0	----	100.0	--------
Farmezzo	111.5	-----	116.7	----	105.0	----	106.7	-----	97.5	-------
Karibous	104.3	---	115.0	----	101.7	---	105.0	-----	80.0	---
EP2932	97.7	-	100.0	-	93.3	-	96.7	---	75.0	--
Ridley	114.0	------	130.0	-------	101.7	---	121.7	---------	90.0	------
Stacey	107.0	----	115.0	----	105.0	----	100.0	----	95.0	-------
MAS 13M	107.7	----	121.7	-----	110.0	-----	93.3	--	90.0	------
EQ3048	99.3	--	98.3	-	103.3	----	98.3	---	85.0	----
SY Adrenic	102.0	--	111.7	---	106.7	----	98.3	---	75.0	--
ES Amazing	117.3	------	125.0	------	115.0	------	116.7	--------	95.0	-------
Kwintus	117.0	------	123.3	------	115.0	------	115.0	-------	95.0	-------
KXB6120	132.3	----------	148.3	----------	135.0	----------	125.0	----------	100.0	--------
KXB5112	122.0	--------	140.0	---------	116.7	-------	120.0	---------	95.0	-------
KXB5127	115.7	------	118.3	-----	116.7	-------	116.7	--------	90.0	------
KXB5302	112.3	-----	120.0	-----	118.3	-------	110.0	------	85.0	----
KXB5304	110.8	-----	125.0	------	108.3	-----	108.3	------	82.5	----
KXB5305	115.7	------	115.0	----	118.3	-------	118.3	--------	100.0	--------
ES Scorpion	133.3	----------	146.7	----------	131.7	----------	128.3	----------	110.0	----------
Fabregas	112.3	-----	126.7	------	116.7	-------	100.0	----	90.0	------
LG 30.222	105.0	---	108.3	---	100.0	---	111.7	------	85.0	----
P 8057	109.0	----	116.7	----	110.0	-----	106.7	-----	90.0	------
SY Amboss	119.0	-------	131.7	-------	111.7	-----	115.0	-------	100.0	--------
P7524	120.8	-------	125.0	------	121.7	--------	115.0	-------	102.5	---------
Lidano	104.7	---	116.7	----	100.0	---	105.0	-----	75.0	--
Coditank	100.0	--	110.0	---	91.7	-	95.0	--	90.0	------
-Bezugsgrösse(n)	104.5	---	116.7	----	97.5	--	100.8	----	90.0	------
Versuchs-Mittel	109.9	----	119.2	-----	107.7	-----	107.3	-----	88.8	-----
VK [%]	9.8		10.9		11.1		9.3		9.7	
KGD (5%)	8.0		21.2		19.6		16.4		17.6	
KGD (1%)	10.6		28.2		26.1		21.8		23.7	
Versuchs-Streuung	10.8		13.0		12.0		10.0		8.6	
FG Fehlerterm	261.0		58.0		58.0		58.0		29.0	
Anz. Beob.	14.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	38231.2	29	11.35	***	1.51	0.0000
Anbauorte	67975.5	4	146.25	***	2.41	0.0000
WW Verf.*Anb.Orte	9985.8	116	0.74	ns	1.29	
Fehler	30327.2	261				
Insgesamt	146519.8	410				

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

Verfahren	8566 Ellighausen TG	
Schobbi CS	108.3	-
DKC 3333	123.3	----
SY Tribore	118.3	---
Kompetens	106.7	-
LG 31.211	113.3	--
Spyci CS	121.7	----
Farmezzo	131.7	------
Karibous	120.0	---
EP2932	123.3	----
Ridley	126.7	-----
Stacey	120.0	---
MAS 13M	123.3	----
EQ3048	111.7	--
SY Adrenic	118.3	---
ES Amazing	135.0	-------
Kwintus	136.7	-------
KXB6120	153.3	----------
KXB5112	138.3	-------
KXB5127	136.7	-------
KXB5302	128.3	-----
KXB5304	130.0	------
KXB5305	126.7	-----
ES Scorpion	150.0	----------
Fabregas	128.3	-----
LG 30.222	120.0	---
P 8057	121.7	----
SY Amboss	136.7	-------
P7524	140.0	--------
Lidano	126.7	-----
Coditank	113.3	--
-Bezugsgrösse(n)	117.5	---
Versuchs-Mittel	126.3	-----
VK [%]	6.8	
KGD (5%)	14.0	
KGD (1%)	18.6	
Versuchs-Streuung	8.6	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	699.2	-------	677.3	-----	725.3	--------	712.0	-------	696.0	--------
DKC 3333	708.7	---------	685.0	------	734.3	----------	710.3	------	713.0	----------
SY Tribore	698.0	------	683.7	------	705.3	---	695.0	---	682.0	------
Kompetens	707.5	---------	716.0	----------	710.3	----	717.7	--------	688.7	-------
LG 31.211	703.1	--------	687.3	------	725.3	--------	689.3	-	704.3	---------
Spyci CS	699.6	-------	699.7	--------	731.3	---------	694.0	--	673.0	----
Farmezzo	694.6	-----	663.3	--	707.0	---	713.0	-------	689.3	-------
Karibous	707.7	---------	698.0	--------	720.0	------	712.0	-------	683.3	------
EP2932	706.1	--------	695.3	-------	716.7	------	721.3	---------	687.7	-------
Ridley	686.9	---	651.0	-	703.7	---	700.7	----	682.0	------
Stacey	703.7	--------	665.0	---	734.7	----------	713.0	-------	690.0	-------
MAS 13M	688.7	----	698.3	--------	719.3	------	691.7	--	666.0	---
EQ3048	707.6	---------	689.7	-------	727.7	--------	703.7	-----	683.7	------
SY Adrenic	714.8	----------	692.7	-------	730.3	---------	727.7	----------	693.3	-------
ES Amazing	689.7	----	683.3	------	710.3	----	692.0	--	652.0	-
Kwintus	694.7	-----	682.3	-----	697.7	-	702.0	----	688.7	-------
KXB6120	692.0	-----	658.3	--	723.0	-------	705.3	-----	683.0	------
KXB5112	687.3	----	666.3	---	712.0	-----	713.0	-------	663.0	---
KXB5127	707.0	---------	692.3	-------	721.0	-------	718.0	--------	683.0	------
KXB5302	708.4	---------	701.3	--------	722.7	-------	709.7	------	704.7	---------
KXB5304	699.4	-------	692.0	-------	719.7	------	708.3	------	683.3	------
KXB5305	704.5	--------	700.0	--------	717.3	------	710.0	------	688.3	-------
ES Scorpion	675.9	-	684.3	------	697.7	-	687.3	-	650.7	-
Fabregas	687.3	----	704.3	---------	716.3	------	691.3	--	691.3	-------
LG 30.222	699.7	-------	700.7	--------	714.7	-----	713.7	-------	668.0	---
P 8057	699.1	-------	685.0	------	738.3	----------	705.0	-----	689.0	-------
SY Amboss	689.4	----	687.7	------	694.7	-	689.0	-	681.7	------
P7524	700.2	-------	694.3	-------	725.3	--------	705.0	-----	687.0	------
Lidano	694.0	-----	661.3	--	717.7	------	700.3	----	679.0	-----
Coditank	701.3	-------	687.7	------	718.7	------	702.3	----	683.0	------
-Bezugsgrösse(n)	701.4	-------	693.5	-------	728.3	--------	691.7	--	688.7	-------
Versuchs-Mittel	698.5	------	686.1	------	717.9	------	705.1	-----	683.6	------
VK [%]	2.6		4.5		1.8		1.8		2.3	
KGD (5%)	10.9		ns		20.6		20.7		25.6	
KGD (1%)	14.4		ns		27.4		27.5		34.1	
Versuchs-Streuung	18.4		30.7		12.6		12.7		15.7	
FG Fehlerterm	403.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	48142.6	29	4.89	***	1.50	0.0000
Anbauorte	103273.2	7	43.42	***	2.03	0.0000
WW Verf.*Anb.Orte	80040.3	203	1.16	ns	1.22	
Fehler	136918.2	403				
Insgesamt	368374.2	642				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	702.5	-----	688.5	----	676.3	----	715.3	---------
DKC 3333	709.5	------	721.5	---------	682.0	-----	714.0	--------
SY Tribore	723.0	--------	670.5	-	699.7	--------	724.7	----------
Kompetens	726.5	--------	712.5	--------	676.3	----	712.0	--------
LG 31.211	710.0	------	699.5	------	690.7	-------	718.3	---------
Spyci CS	714.0	-------	701.5	------	667.3	---	716.3	---------
Farmezzo	715.0	-------	691.5	-----	672.3	----	705.7	-------
Karibous	717.0	-------	707.5	-------	699.0	--------	725.0	----------
EP2932	741.5	----------	704.0	------	678.0	-----	704.3	------
Ridley	708.0	------	689.0	----	664.3	--	696.3	-----
Stacey	726.5	--------	687.5	----	708.7	---------	704.3	------
MAS 13M	715.5	-------	676.0	--	662.3	--	680.7	--
EQ3048	743.0	----------	718.0	---------	704.0	---------	691.0	----
SY Adrenic	744.0	----------	719.5	---------	699.7	--------	711.0	--------
ES Amazing	713.0	-------	696.5	-----	685.0	------	685.7	---
Kwintus	681.0	--	710.0	-------	683.0	-----	713.0	--------
KXB6120	701.0	-----	681.0	---	683.0	-----	701.3	------
KXB5112	704.0	-----	666.0	-	669.7	---	704.7	------
KXB5127	707.0	------	703.0	------	717.0	----------	715.0	---------
KXB5302	723.0	--------	731.0	----------	673.5	----	701.7	------
KXB5304	705.0	------	705.5	-------	684.7	------	696.7	-----
KXB5305	710.0	------	718.0	---------	693.0	-------	699.3	-----
ES Scorpion	667.0	-	683.0	---	652.7	-	684.7	--
Fabregas	681.0	--	682.5	---	656.0	-	675.7	-
LG 30.222	700.0	-----	715.0	--------	683.7	-----	702.0	------
P 8057	704.5	-----	711.0	--------	668.3	---	691.3	----
SY Amboss	700.5	-----	695.0	-----	675.7	----	691.3	----
P7524	705.0	------	703.0	------	667.3	---	714.3	--------
Lidano	697.5	-----	688.0	----	694.7	-------	713.3	--------
Coditank	722.5	--------	702.0	------	686.5	------	708.0	-------
-Bezugsgrösse(n)	712.0	------	700.5	------	679.0	-----	717.3	---------
Versuchs-Mittel	710.6	------	699.3	------	681.8	-----	703.9	------
VK [%]	2.7		2.7		2.5		2.1	
KGD (5%)	ns		ns		28.3		23.6	
KGD (1%)	ns		ns		37.6		31.4	
Versuchs-Streuung	19.5		18.6		17.3		14.5	
FG Fehlerterm	28.0		29.0		56.0		58.0	
Anz. Beob.	2.0		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 Posieux		3065 Habstetten	
Schobbi CS	367.7	------	356.4	-------	377.7	----	403.8	----------	374.9	---------
DKC 3333	370.9	-------	347.1	------	397.4	-------	388.8	--------	372.9	--------
SY Tribore	362.8	-----	362.6	-------	366.6	--	377.2	-------	342.5	---
Kompetens	376.7	--------	389.9	----------	384.6	-----	408.7	----------	359.2	------
LG 31.211	376.8	--------	361.3	-------	400.5	-------	361.8	-----	383.2	----------
Spyci CS	372.0	-------	391.5	----------	418.9	----------	382.3	-------	347.0	----
Farmezzo	367.5	------	335.8	-----	398.0	-------	375.5	------	381.0	----------
Karibous	383.6	----------	370.5	--------	394.1	------	398.3	---------	370.2	--------
EP2932	375.4	--------	365.1	--------	400.1	-------	397.2	---------	368.2	--------
Ridley	356.3	----	299.5	-	395.3	-------	374.1	------	357.2	------
Stacey	373.8	-------	319.4	---	413.3	----------	384.6	-------	363.1	-------
MAS 13M	362.2	-----	377.0	---------	392.7	------	367.7	-----	356.8	------
EQ3048	385.5	----------	375.8	---------	410.1	---------	387.7	--------	381.6	----------
SY Adrenic	388.3	----------	383.1	----------	418.0	----------	396.5	---------	376.3	---------
ES Amazing	360.5	----	368.4	--------	382.8	----	348.2	---	328.7	-
Kwintus	352.5	---	332.2	----	373.8	---	345.4	---	368.3	--------
KXB6120	354.3	---	336.0	-----	393.3	------	363.2	-----	363.3	-------
KXB5112	378.5	--------	347.0	------	416.4	----------	410.6	----------	363.1	-------
KXB5127	376.2	--------	380.5	---------	389.8	------	383.9	-------	384.6	----------
KXB5302	380.2	---------	383.8	----------	400.5	-------	367.6	-----	384.9	----------
KXB5304	380.6	---------	381.3	---------	415.4	----------	384.1	-------	366.0	-------
KXB5305	382.4	---------	382.8	----------	406.6	--------	381.0	-------	365.6	-------
ES Scorpion	342.9	-	376.9	---------	360.8	-	328.0	-	328.4	-
Fabregas	371.4	-------	387.6	----------	405.7	--------	369.6	------	369.4	--------
LG 30.222	363.7	-----	361.4	-------	388.3	-----	373.4	------	340.6	---
P 8057	368.0	------	363.1	--------	400.5	-------	371.7	------	355.7	-----
SY Amboss	367.6	------	381.2	---------	373.2	---	358.5	----	354.5	-----
P7524	360.1	----	372.6	---------	388.5	-----	363.2	-----	351.8	-----
Lidano	368.5	------	357.1	-------	398.3	-------	368.1	-----	354.2	-----
Coditank	375.4	--------	357.1	-------	414.4	----------	354.5	----	370.6	--------
-Bezugsgrösse(n)	374.4	--------	376.4	---------	409.7	---------	372.0	------	365.1	-------
Versuchs-Mittel	370.1	-------	363.5	--------	395.9	-------	375.8	------	362.8	-------
VK [%]	7.1		10.2		6.1		4.6		6.3	
KGD (5%)	15.5		ns		ns		28.4		ns	
KGD (1%)	20.4		ns		ns		37.8		ns	
Versuchs-Streuung	26.2		36.9		24.1		17.4		22.7	
FG Fehlerterm	403.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	71696.5	29	3.61	***	1.50	0.0001
Anbauorte	224288.3	7	46.78	***	2.03	0.0000
WW Verf.*Anb.Orte	143753.0	203	1.03	ns	1.22	
Fehler	276027.6	403				
Insgesamt	715765.4	642				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	373.7	----	373.5	------	324.9	-----	356.9	-----
DKC 3333	379.0	-----	404.5	----------	317.1	----	360.1	-----
SY Tribore	391.3	------	347.0	--	346.4	--------	368.8	------
Kompetens	411.8	---------	391.0	--------	312.0	----	356.2	----
LG 31.211	411.9	---------	401.0	----------	338.6	-------	356.3	----
Spyci CS	391.6	------	385.0	--------	285.0	-	374.9	-------
Farmezzo	405.6	--------	374.0	------	327.8	------	342.6	--
Karibous	410.3	---------	394.0	---------	335.3	-------	396.4	----------
EP2932	426.7	----------	364.5	----	320.6	-----	360.9	-----
Ridley	382.7	-----	367.5	-----	328.0	------	346.0	---
Stacey	422.0	----------	373.0	------	342.1	-------	373.4	-------
MAS 13M	385.9	------	349.0	--	321.0	-----	347.5	---
EQ3048	411.2	---------	391.0	--------	367.8	----------	358.5	-----
SY Adrenic	425.5	----------	395.5	---------	356.6	---------	355.3	----
ES Amazing	393.7	-------	367.5	-----	346.0	--------	348.6	---
Kwintus	346.1	-	384.5	-------	322.7	-----	346.6	---
KXB6120	357.5	--	340.5	-	329.9	------	350.5	----
KXB5112	402.3	--------	381.0	-------	327.8	------	379.6	--------
KXB5127	364.9	---	382.0	-------	358.7	---------	365.0	------
KXB5302	396.4	-------	397.5	----------	336.5	-------	374.8	-------
KXB5304	388.8	------	384.5	-------	340.5	-------	384.1	---------
KXB5305	382.7	-----	400.5	----------	352.0	---------	388.3	---------
ES Scorpion	344.3	-	346.0	-	326.9	------	331.4	-
Fabregas	378.2	-----	393.5	---------	328.9	------	338.2	--
LG 30.222	362.2	---	400.5	----------	321.3	-----	361.6	-----
P 8057	362.3	---	393.5	---------	318.6	-----	378.2	--------
SY Amboss	389.0	------	386.0	--------	333.2	------	365.0	------
P7524	363.1	---	389.5	--------	295.3	--	356.5	----
Lidano	378.2	-----	360.0	----	345.8	--------	386.1	---------
Coditank	390.3	------	390.0	--------	348.3	--------	377.8	--------
-Bezugsgrösse(n)	401.7	--------	393.0	---------	311.8	----	365.6	------
Versuchs-Mittel	387.6	------	380.3	-------	331.9	------	362.9	-----
VK [%]	7.0		6.4		8.7		6.5	
KGD (5%)	ns		ns		ns		ns	
KGD (1%)	ns		ns		ns		ns	
Versuchs-Streuung	27.1		24.2		28.8		23.5	
FG Fehlerterm	28.0		29.0		56.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	173.0	--------	190.8	--------	161.0	----------	159.1	-----	175.9	----
DKC 3333	169.4	------	188.0	-------	150.2	------	164.8	-------	172.5	---
SY Tribore	169.5	------	183.4	------	160.7	----------	164.1	------	179.7	------
Kompetens	161.4	--	165.4	-	146.9	----	146.4	-	178.0	-----
LG 31.211	165.6	----	181.1	-----	144.8	----	168.3	--------	166.7	-
Spyci CS	165.7	----	163.9	-	145.3	----	159.7	-----	176.3	----
Farmezzo	167.7	-----	196.2	---------	150.4	------	160.3	-----	164.6	-
Karibous	160.9	--	173.1	---	147.7	-----	156.6	----	175.0	----
EP2932	164.7	----	174.3	---	146.6	----	155.0	---	169.3	--
Ridley	172.9	--------	196.3	---------	145.2	----	165.8	-------	182.2	------
Stacey	165.4	----	201.5	----------	141.7	--	159.2	-----	178.8	-----
MAS 13M	173.8	--------	175.5	----	155.6	--------	170.8	--------	183.0	-------
EQ3048	164.5	----	180.1	-----	147.3	-----	162.3	------	175.0	----
SY Adrenic	158.2	-	172.3	---	137.1	-	155.7	----	175.8	----
ES Amazing	172.5	--------	180.5	-----	152.7	-------	174.5	----------	195.1	----------
Kwintus	172.7	--------	194.1	--------	156.3	--------	173.9	----------	174.6	----
KXB6120	175.0	---------	202.8	----------	152.4	-------	171.4	---------	180.9	------
KXB5112	167.8	-----	191.9	--------	146.2	----	155.3	---	188.8	---------
KXB5127	161.7	--	168.2	--	149.2	-----	162.2	------	166.9	-
KXB5302	161.9	--	170.8	--	139.4	--	172.7	---------	169.5	--
KXB5304	162.1	---	173.5	---	136.7	-	164.5	------	179.0	-----
KXB5305	161.9	--	171.0	--	145.2	----	165.4	-------	175.5	----
ES Scorpion	178.1	----------	177.2	----	155.2	--------	177.3	----------	193.8	----------
Fabregas	172.2	--------	168.1	--	149.0	-----	172.5	---------	182.0	------
LG 30.222	168.7	------	178.1	----	150.4	------	167.9	--------	190.7	---------
P 8057	169.8	------	181.7	-----	148.0	-----	169.3	--------	184.7	-------
SY Amboss	174.6	---------	176.9	----	162.9	----------	176.8	----------	189.3	---------
P7524	166.8	-----	177.5	----	149.6	------	167.0	-------	176.2	----
Lidano	167.0	-----	187.4	-------	149.7	------	168.4	--------	182.3	------
Coditank	167.0	-----	185.0	------	145.2	----	176.6	----------	177.2	-----
-Bezugsgrösse(n)	165.7	----	172.5	---	145.1	----	164.0	------	171.5	---
Versuchs-Mittel	167.7	-----	180.9	-----	149.0	-----	165.5	-------	178.6	-----
VK [%]	7.7		10.4		6.9		5.0		6.5	
KGD (5%)	7.6		ns		ns		13.5		ns	
KGD (1%)	10.0		ns		ns		17.9		ns	
Versuchs-Streuung	12.8		18.9		10.2		8.2		11.6	
FG Fehlerterm	403.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	16013.6	29	3.35	***	1.50	0.0001
Anbauorte	90545.4	7	78.47	***	2.03	0.0000
WW Verf.*Anb.Orte	34115.2	203	1.02	ns	1.22	
Fehler	66429.7	403				
Insgesamt	207103.8	642				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	171.8	------	165.5	--------	188.5	------	171.7	--------
DKC 3333	170.4	------	147.0	--	193.7	-------	168.6	-------
SY Tribore	164.5	-----	173.5	----------	175.3	---	154.9	----
Kompetens	152.6	--	151.5	----	186.6	------	164.0	------
LG 31.211	158.1	---	156.0	-----	180.5	----	169.4	-------
Spyci CS	158.3	---	156.0	-----	208.6	----------	157.6	----
Farmezzo	157.4	---	158.0	------	186.7	------	167.8	-------
Karibous	152.8	--	148.0	---	184.2	-----	150.1	---
EP2932	148.5	-	164.0	--------	189.0	------	170.7	--------
Ridley	168.1	-----	167.5	---------	189.8	------	168.5	-------
Stacey	148.1	-	165.0	--------	175.4	---	153.1	---
MAS 13M	168.8	------	172.0	----------	191.7	-------	172.9	--------
EQ3048	157.2	---	155.0	-----	169.0	--	170.3	-------
SY Adrenic	150.6	-	141.0	-	169.9	--	163.2	------
ES Amazing	167.5	-----	161.5	-------	178.3	----	169.6	-------
Kwintus	184.6	----------	150.5	----	184.4	-----	163.4	------
KXB6120	176.0	-------	165.0	--------	186.8	------	164.5	------
KXB5112	156.5	---	164.5	--------	185.1	-----	154.2	----
KXB5127	169.4	------	155.0	-----	163.0	-	159.8	-----
KXB5302	159.1	---	146.0	--	182.1	-----	155.2	----
KXB5304	166.0	-----	145.0	--	179.4	----	152.7	---
KXB5305	168.7	------	144.0	--	171.7	---	153.5	---
ES Scorpion	189.0	----------	166.0	--------	195.5	--------	170.8	--------
Fabregas	177.7	--------	150.5	----	194.8	--------	183.1	----------
LG 30.222	174.0	-------	145.0	--	186.1	------	157.4	----
P 8057	172.9	-------	149.0	---	194.0	-------	158.5	-----
SY Amboss	172.4	-------	160.0	------	192.2	-------	166.4	-------
P7524	164.4	-----	146.0	--	196.3	--------	157.3	----
Lidano	169.0	------	165.0	--------	172.0	---	142.1	-
Coditank	161.6	----	152.5	----	181.2	-----	156.8	----
-Bezugsgrösse(n)	158.2	---	156.0	-----	194.6	--------	163.5	------
Versuchs-Mittel	165.2	-----	156.2	-----	184.4	-----	162.3	------
VK [%]	6.8		7.4		8.2		7.2	
KGD (5%)	ns		ns		ns		19.0	
KGD (1%)	ns		ns		ns		ns	
Versuchs-Streuung	11.3		11.5		15.0		11.6	
FG Fehlerterm	28.0		29.0		56.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	363.4	-------	393.3	--------	336.3	-------	332.3	-----	348.7	-
DKC 3333	359.4	------	382.0	------	329.5	------	340.9	------	365.1	----
SY Tribore	366.0	--------	378.5	------	356.2	----------	346.2	-------	362.8	----
Kompetens	346.8	---	344.6	-	323.1	-----	305.6	-	369.4	-----
LG 31.211	356.1	-----	361.3	---	323.2	-----	345.4	-------	358.6	---
Spyci CS	351.2	----	352.6	--	320.6	----	327.0	----	353.6	--
Farmezzo	359.8	------	397.6	--------	328.5	------	333.5	-----	347.3	-
Karibous	340.2	--	358.1	---	321.2	----	311.7	--	357.3	---
EP2932	353.4	-----	359.2	---	328.7	------	322.0	---	354.5	--
Ridley	367.1	--------	408.7	----------	322.1	----	345.1	-------	376.7	-------
Stacey	357.8	------	415.1	----------	335.7	-------	333.1	-----	357.7	---
MAS 13M	372.5	---------	365.2	----	345.8	---------	348.4	-------	388.0	---------
EQ3048	351.6	----	365.6	----	325.2	-----	338.7	------	366.0	----
SY Adrenic	335.0	-	353.1	--	300.7	-	316.9	--	362.9	----
ES Amazing	360.7	------	375.8	-----	330.7	------	350.7	-------	388.5	---------
Kwintus	369.9	--------	394.3	--------	346.1	---------	356.3	--------	373.6	------
KXB6120	373.0	---------	413.7	----------	336.0	-------	351.0	--------	382.4	--------
KXB5112	358.9	------	394.4	--------	315.6	---	327.1	----	385.1	--------
KXB5127	342.9	--	349.8	--	323.7	-----	331.3	-----	350.4	-
KXB5302	347.8	---	359.9	---	313.9	---	345.2	-------	356.2	--
KXB5304	346.4	---	361.6	---	308.7	--	333.5	-----	369.6	-----
KXB5305	346.9	---	360.1	---	318.2	----	338.4	------	358.8	---
ES Scorpion	371.4	---------	361.4	---	331.3	------	357.4	---------	394.2	----------
Fabregas	362.0	-------	342.8	-	322.5	-----	359.1	---------	385.4	--------
LG 30.222	366.4	--------	372.3	-----	326.9	-----	345.1	-------	396.7	----------
P 8057	361.3	-------	372.5	-----	311.6	---	350.4	-------	370.2	-----
SY Amboss	379.2	----------	373.5	-----	353.4	----------	371.1	----------	394.8	----------
P7524	370.9	---------	372.0	-----	335.4	-------	355.6	--------	382.8	--------
Lidano	355.4	-----	389.6	-------	319.6	----	347.1	-------	365.1	----
Coditank	358.8	------	387.3	-------	321.6	----	351.8	--------	359.9	---
-Bezugsgrösse(n)	353.6	-----	356.9	---	321.9	----	336.2	-----	356.1	--
Versuchs-Mittel	358.4	------	373.9	-----	327.1	-----	340.6	------	369.4	-----
VK [%]	5.8		8.7		5.0		4.5		5.0	
KGD (5%)	12.3		ns		26.5		25.2		30.4	
KGD (1%)	16.2		ns		ns		33.5		ns	
Versuchs-Streuung	20.7		32.5		16.2		15.4		18.6	
FG Fehlerterm	403.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	73385.2	29	5.91	***	1.50	0.0000
Anbauorte	280915.5	7	93.70	***	2.03	0.0000
WW Verf.*Anb.Orte	88534.5	203	1.02	ns	1.22	
Fehler	172602.6	403				
Insgesamt	615437.8	642				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	364.6	-------	358.5	--------	401.8	-------	371.6	--------
DKC 3333	350.9	-----	321.0	--	402.7	-------	382.8	----------
SY Tribore	360.5	------	374.5	----------	388.9	-----	360.5	-----
Kompetens	341.3	---	322.5	---	395.7	------	372.0	--------
LG 31.211	345.9	----	351.0	-------	385.4	----	378.1	---------
Spyci CS	348.4	----	335.0	----	411.9	--------	360.3	-----
Farmezzo	336.8	---	350.0	-------	402.7	-------	382.3	----------
Karibous	334.8	--	323.0	---	371.9	--	344.0	--
EP2932	341.0	---	346.5	------	403.3	-------	372.4	--------
Ridley	360.5	------	351.5	-------	411.1	--------	360.9	-----
Stacey	343.3	----	345.5	------	382.3	----	349.9	---
MAS 13M	368.6	--------	361.0	---------	417.6	---------	385.6	----------
EQ3048	338.2	---	330.0	----	378.6	---	370.5	-------
SY Adrenic	323.5	-	312.5	-	368.1	--	342.3	-
ES Amazing	348.0	----	350.0	-------	378.6	---	363.6	------
Kwintus	385.8	----------	335.5	-----	410.6	--------	356.9	----
KXB6120	371.0	--------	359.0	--------	403.4	-------	367.4	-------
KXB5112	340.0	---	349.0	-------	405.4	-------	355.0	----
KXB5127	353.1	-----	334.0	----	359.3	-	341.4	-
KXB5302	346.4	----	325.0	---	387.4	-----	348.2	--
KXB5304	353.2	-----	310.0	-	377.7	---	357.1	----
KXB5305	360.7	------	327.5	---	372.4	--	339.5	-
ES Scorpion	388.8	----------	350.0	-------	412.2	--------	375.8	--------
Fabregas	370.9	--------	324.5	---	405.6	-------	385.0	----------
LG 30.222	381.7	----------	333.0	----	412.0	--------	363.8	------
P 8057	368.0	-------	341.5	-----	419.6	---------	357.0	----
SY Amboss	382.0	----------	362.5	---------	417.6	---------	379.0	---------
P7524	374.6	--------	348.5	-------	428.8	----------	369.8	-------
Lidano	358.3	------	350.0	-------	370.9	--	342.9	-
Coditank	358.9	------	340.0	-----	395.0	------	355.7	----
-Bezugsgrösse(n)	347.1	----	343.0	------	398.6	------	369.2	-------
Versuchs-Mittel	356.6	------	340.8	-----	395.9	------	363.0	------
VK [%]	5.0		5.1		5.9		4.3	
KGD (5%)	ns		ns		38.1		25.5	
KGD (1%)	ns		ns		ns		34.0	
Versuchs-Streuung	17.8		17.5		23.3		15.6	
FG Fehlerterm	28.0		29.0		56.0		58.0	
Anz. Beob.	2.0		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 Posieux		3065 Habstetten	
Schobbi CS	63.2	----	56.7	--	63.2	----	67.1	-----	66.7	-------
DKC 3333	61.2	--	61.1	------	61.5	--	64.0	--	64.3	----
SY Tribore	64.2	-----	61.4	------	63.1	----	64.3	--	68.2	---------
Kompetens	64.6	------	63.7	--------	66.0	-------	64.2	--	69.1	----------
LG 31.211	62.2	---	63.7	--------	65.1	------	64.1	--	64.9	-----
Spyci CS	62.2	---	62.1	------	63.6	-----	62.9	-	63.2	---
Farmezzo	62.4	---	55.7	--	64.6	------	65.7	---	65.4	------
Karibous	64.5	------	64.3	--------	62.7	----	66.3	----	65.3	-----
EP2932	62.7	----	63.1	-------	64.0	-----	63.9	--	63.2	---
Ridley	64.4	------	60.3	-----	66.2	--------	66.9	-----	68.1	---------
Stacey	62.4	---	54.6	-	62.3	---	66.0	----	64.1	----
MAS 13M	62.2	---	64.3	--------	61.7	---	67.9	------	61.6	-
EQ3048	60.1	-	54.4	-	59.9	-	63.1	-	61.5	-
SY Adrenic	65.4	-------	65.7	---------	67.9	---------	70.1	--------	66.9	-------
ES Amazing	68.5	----------	63.4	-------	68.9	----------	73.1	----------	67.8	---------
Kwintus	64.7	------	58.8	----	63.1	----	68.4	------	67.0	--------
KXB6120	62.5	---	55.2	-	64.3	------	67.0	-----	63.3	---
KXB5112	62.1	---	59.5	----	63.2	----	67.0	-----	63.0	---
KXB5127	65.6	-------	62.6	-------	64.0	-----	72.5	----------	62.1	-
KXB5302	62.7	----	62.5	-------	61.3	--	69.9	-------	63.8	----
KXB5304	63.3	----	60.8	-----	64.5	------	66.5	----	64.9	-----
KXB5305	62.9	----	57.8	---	65.9	-------	65.5	---	64.0	----
ES Scorpion	66.2	--------	67.7	----------	67.2	---------	71.0	---------	69.4	----------
Fabregas	64.5	------	66.4	----------	64.2	-----	67.0	-----	65.5	------
LG 30.222	64.7	------	61.8	------	65.5	-------	72.4	----------	65.8	------
P 8057	64.7	------	63.5	-------	64.2	-----	65.4	---	68.3	---------
SY Amboss	62.9	----	62.9	-------	64.7	------	64.7	--	67.7	--------
P7524	62.1	---	59.7	-----	59.9	-	65.3	---	64.7	-----
Lidano	62.5	----	58.0	---	63.9	-----	67.1	-----	63.7	---
Coditank	63.4	-----	59.1	----	63.8	-----	68.9	------	65.1	-----
-Bezugsgrösse(n)	62.2	---	62.9	-------	64.4	------	63.5	-	64.0	----
Versuchs-Mittel	63.5	-----	61.0	------	64.0	-----	66.9	-----	65.3	-----
VK [%]	5.5		9.0		4.3		5.7		3.9	
KGD (5%)	2.1		ns		4.5		ns		4.1	
KGD (1%)	2.7		ns		ns		ns		5.5	
Versuchs-Streuung	3.5		5.5		2.7		3.8		2.5	
FG Fehlerterm	403.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	1794.8	29	5.09	***	1.50	0.0000
Anbauorte	4832.4	7	56.75	***	2.03	0.0000
WW Verf.*Anb.Orte	2891.9	203	1.17	ns	1.22	
Fehler	4902.1	403				
Insgesamt	14421.2	642				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	66.9	-----	59.0	-----	62.3	----	63.8	--------
DKC 3333	63.9	---	58.5	----	59.3	-	57.2	-
SY Tribore	70.8	--------	58.5	----	62.1	---	64.9	---------
Kompetens	69.2	------	64.5	----------	60.5	--	59.9	----
LG 31.211	61.3	-	56.0	--	59.2	-	63.2	-------
Spyci CS	67.6	-----	57.5	---	58.8	-	61.5	------
Farmezzo	66.2	----	60.0	------	60.5	--	61.3	-----
Karibous	66.9	-----	63.5	----------	65.1	------	62.3	------
EP2932	68.0	-----	59.0	-----	59.2	-	60.9	-----
Ridley	68.4	------	58.5	----	61.9	---	65.0	---------
Stacey	65.6	----	59.0	-----	66.6	-------	61.3	-----
MAS 13M	64.7	---	59.0	-----	59.3	-	58.6	---
EQ3048	65.3	---	57.5	---	60.2	--	58.9	---
SY Adrenic	67.7	-----	59.5	-----	62.0	---	63.3	-------
ES Amazing	74.9	----------	61.0	-------	72.1	----------	66.4	----------
Kwintus	68.5	------	61.0	-------	63.8	-----	66.8	----------
KXB6120	72.0	--------	55.0	-	61.7	---	61.3	-----
KXB5112	67.3	-----	55.0	-	61.0	---	60.7	-----
KXB5127	70.6	-------	61.5	-------	68.2	--------	63.1	-------
KXB5302	68.8	------	59.5	-----	59.2	-	56.3	-
KXB5304	65.7	----	59.5	-----	66.1	------	58.5	---
KXB5305	64.2	---	60.5	------	66.7	-------	58.2	--
ES Scorpion	66.9	-----	61.0	-------	61.4	---	64.8	---------
Fabregas	67.3	-----	61.0	-------	63.4	----	61.5	------
LG 30.222	65.3	----	60.0	------	64.5	-----	62.0	------
P 8057	71.4	--------	60.0	------	62.8	----	62.2	------
SY Amboss	65.9	----	56.5	--	62.5	----	58.4	---
P7524	68.1	------	59.0	-----	58.1	-	61.7	------
Lidano	66.1	----	59.5	-----	63.7	-----	58.3	--
Coditank	65.4	----	60.5	------	61.4	---	63.4	-------
-Bezugsgrösse(n)	64.5	---	56.8	--	59.0	-	62.4	------
Versuchs-Mittel	67.4	-----	59.4	-----	62.5	----	61.5	------
VK [%]	4.0		3.9		5.3		5.0	
KGD (5%)	5.6		ns		5.4		5.0	
KGD (1%)	ns		ns		7.2		6.6	
Versuchs-Streuung	2.7		2.3		3.3		3.1	
FG Fehlerterm	28.0		29.0		56.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	486.0	-	424.4	----	384.0	-	575.0	--	506.4	-
DKC 3333	530.0	-----	431.4	----	447.4	----	626.7	------	594.1	--------
SY Tribore	528.3	-----	427.9	----	475.4	------	606.9	-----	550.3	----
Kompetens	533.7	-----	461.1	------	452.7	----	587.7	---	593.5	--------
LG 31.211	526.1	-----	497.8	--------	522.7	--------	626.7	------	529.2	---
Spyci CS	519.7	----	497.7	--------	429.6	---	565.6	-	564.1	------
Farmezzo	551.3	--------	430.1	----	501.1	--------	587.0	---	572.1	------
Karibous	526.5	-----	406.4	---	537.4	---------	606.1	-----	543.1	----
EP2932	521.2	----	511.7	---------	491.3	-------	561.6	-	559.3	-----
Ridley	560.2	--------	500.8	--------	548.4	----------	612.4	-----	610.6	----------
Stacey	505.3	---	398.1	--	505.2	-------	597.7	----	526.8	---
MAS 13M	547.3	-------	477.2	-------	480.7	------	641.3	--------	542.6	----
EQ3048	515.6	----	364.6	-	493.8	-------	577.6	--	532.9	---
SY Adrenic	524.0	----	491.4	--------	463.4	-----	571.7	--	559.6	-----
ES Amazing	565.3	---------	490.7	--------	552.1	----------	597.1	----	563.5	------
Kwintus	563.7	--------	399.1	---	552.4	----------	623.3	------	610.7	----------
KXB6120	577.9	----------	480.4	-------	533.7	---------	665.6	----------	616.6	----------
KXB5112	546.9	-------	469.9	------	471.5	-----	666.1	----------	536.2	---
KXB5127	570.2	---------	501.9	--------	472.8	------	671.9	----------	591.8	--------
KXB5302	564.3	---------	487.5	-------	538.7	---------	657.3	---------	573.1	------
KXB5304	554.2	--------	435.8	-----	543.5	---------	648.8	--------	551.3	-----
KXB5305	567.8	---------	472.8	-------	525.9	--------	603.5	----	584.7	-------
ES Scorpion	585.2	----------	543.6	----------	564.1	----------	613.0	-----	622.7	----------
Fabregas	485.0	-	449.2	-----	430.8	---	589.0	---	504.3	-
LG 30.222	531.9	-----	437.7	-----	528.4	---------	628.8	-------	571.9	------
P 8057	524.0	----	473.5	-------	488.9	------	617.3	------	543.1	----
SY Amboss	551.5	-------	487.6	-------	544.2	---------	585.5	---	608.9	---------
P7524	527.5	-----	448.9	-----	488.3	------	595.4	----	541.5	----
Lidano	518.3	----	421.9	----	457.5	-----	583.1	---	511.3	-
Coditank	496.7	--	457.1	------	467.1	-----	564.3	-	519.2	--
-Bezugsgrösse(n)	522.9	----	497.7	--------	476.1	------	596.1	----	546.7	----
Versuchs-Mittel	536.9	------	459.3	------	496.4	-------	608.5	-----	561.2	-----
VK [%]	9.2		12.4		8.8		8.8		5.2	
KGD (5%)	29.2		ns		71.3		ns		48.0	
KGD (1%)	38.5		ns		94.8		ns		63.8	
Versuchs-Streuung	49.3		57.1		43.6		53.8		29.3	
FG Fehlerterm	406.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	437460.8	29	6.21	***	1.50	0.0000
Anbauorte	2666210.5	7	156.81	***	2.03	0.0000
WW Verf.*Anb.Orte	671942.2	203	1.36	ns	1.22	
Fehler	986137.9	406				
Insgesamt	4761751.5	645				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	491.5	---	402.7	---	515.9	-----	588.2	--
DKC 3333	531.8	-----	441.2	-----	527.7	------	640.2	------
SY Tribore	543.7	-----	418.5	----	503.3	----	700.4	----------
Kompetens	574.2	-------	453.6	------	494.4	----	652.3	-------
LG 31.211	461.2	-	399.6	---	531.0	------	640.7	------
Spyci CS	531.6	-----	452.7	------	450.0	-	666.3	--------
Farmezzo	609.4	--------	534.4	----------	516.5	-----	659.9	-------
Karibous	563.5	------	428.0	----	522.3	-----	605.7	----
EP2932	539.0	-----	416.0	----	465.9	--	624.9	-----
Ridley	568.8	-------	422.6	----	560.6	--------	657.6	-------
Stacey	455.1	-	367.1	-	579.8	---------	612.7	----
MAS 13M	614.1	---------	504.4	---------	506.9	----	610.9	----
EQ3048	538.5	-----	465.1	------	552.3	-------	599.6	---
SY Adrenic	560.4	------	441.8	-----	496.3	----	607.0	----
ES Amazing	605.8	--------	484.7	--------	567.6	---------	660.9	-------
Kwintus	635.6	----------	450.3	------	578.1	---------	659.9	-------
KXB6120	566.3	------	471.2	-------	583.9	----------	705.8	----------
KXB5112	586.9	-------	395.8	--	538.3	-------	710.3	----------
KXB5127	613.1	---------	442.8	-----	598.6	----------	669.0	--------
KXB5302	582.9	-------	516.4	----------	478.8	---	679.9	---------
KXB5304	576.7	-------	475.8	-------	566.9	--------	634.7	------
KXB5305	593.3	--------	509.8	---------	592.0	----------	660.7	-------
ES Scorpion	656.8	----------	514.1	---------	472.7	--	694.9	----------
Fabregas	472.2	--	417.9	----	453.4	-	563.0	-
LG 30.222	442.0	-	450.8	------	549.1	-------	646.6	------
P 8057	533.0	-----	461.6	------	513.8	-----	561.0	-
SY Amboss	576.8	-------	466.6	-------	524.0	------	618.7	----
P7524	551.5	------	429.4	----	511.2	-----	653.8	-------
Lidano	495.7	---	414.8	---	575.6	---------	686.4	---------
Coditank	479.0	--	446.5	-----	454.1	-	586.2	--
-Bezugsgrösse(n)	496.4	---	426.1	----	490.5	---	653.5	-------
Versuchs-Mittel	551.7	------	449.9	------	526.0	------	641.9	------
VK [%]	7.5		9.8		11.6		7.9	
KGD (5%)	84.2		ns		ns		82.9	
KGD (1%)	113.4		ns		ns		ns	
Versuchs-Streuung	41.2		44.1		60.8		50.7	
FG Fehlerterm	29.0		29.0		58.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	189.4	--	175.4	----	157.0	-	182.5	----	168.4	--
DKC 3333	196.7	----	167.7	--	172.0	---	188.7	-----	180.4	------
SY Tribore	196.4	----	176.2	----	183.9	-----	187.4	-----	166.4	-
Kompetens	203.6	------	183.7	------	174.0	----	180.2	----	181.7	------
LG 31.211	203.9	------	202.8	----------	197.6	--------	191.6	------	174.2	----
Spyci CS	204.7	------	200.3	----------	178.3	----	173.9	---	180.9	------
Farmezzo	203.6	------	166.6	--	185.3	------	167.8	--	178.8	-----
Karibous	197.1	----	160.6	-	203.0	---------	174.5	---	184.4	-------
EP2932	199.4	-----	196.1	---------	192.0	-------	176.8	---	179.5	-----
Ridley	210.5	--------	199.2	----------	196.5	--------	187.6	-----	196.1	----------
Stacey	191.9	--	167.3	--	184.6	-----	173.1	---	173.9	----
MAS 13M	206.0	-------	194.9	---------	189.7	------	184.2	----	177.2	-----
EQ3048	206.0	-------	168.9	---	198.3	--------	180.4	----	191.5	---------
SY Adrenic	192.2	--	189.3	-------	166.5	--	166.5	-	179.5	-----
ES Amazing	215.5	---------	189.6	-------	213.6	----------	192.1	------	175.5	----
Kwintus	208.7	-------	169.3	---	206.4	---------	181.9	----	193.5	----------
KXB6120	215.4	---------	194.6	--------	206.4	---------	204.0	--------	193.5	----------
KXB5112	219.0	----------	195.7	---------	201.9	---------	215.6	----------	190.1	---------
KXB5127	219.6	----------	198.3	---------	189.8	------	219.1	----------	196.7	----------
KXB5302	213.6	---------	190.8	--------	205.8	---------	183.6	----	190.2	---------
KXB5304	208.6	-------	175.4	----	204.8	---------	180.5	----	181.9	------
KXB5305	218.6	----------	190.9	--------	202.0	---------	189.5	-----	192.3	---------
ES Scorpion	215.5	---------	203.8	----------	206.0	---------	180.3	----	191.8	---------
Fabregas	185.9	-	177.6	-----	163.0	--	176.5	---	174.0	----
LG 30.222	198.3	----	182.3	------	197.7	--------	178.6	----	173.8	----
P 8057	200.6	-----	189.9	-------	185.6	------	183.2	----	176.8	----
SY Amboss	212.8	---------	197.7	---------	209.8	----------	177.7	---	196.4	----------
P7524	204.8	------	178.6	-----	193.4	-------	184.8	-----	179.0	-----
Lidano	195.9	----	176.4	----	175.8	----	173.1	---	170.7	---
Coditank	189.8	--	190.0	-------	178.6	----	161.9	-	164.4	-
-Bezugsgrösse(n)	204.3	------	201.5	----------	187.9	------	182.8	----	177.6	-----
Versuchs-Mittel	204.1	------	185.0	------	190.6	-------	183.3	----	181.8	------
VK [%]	8.5		9.8		8.7		10.1		5.4	
KGD (5%)	10.3		ns		27.1		ns		15.9	
KGD (1%)	13.6		ns		36.0		ns		21.2	
Versuchs-Streuung	17.4		18.1		16.6		18.6		9.7	
FG Fehlerterm	406.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	58583.6	29	6.68	***	1.50	0.0000
Anbauorte	467242.0	7	220.70	***	2.03	0.0000
WW Verf.*Anb.Orte	81002.9	203	1.32	ns	1.22	
Fehler	122789.5	406				
Insgesamt	729618.1	645				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	214.5	---	163.1	--	220.3	------	234.3	--
DKC 3333	214.4	---	171.9	---	223.4	-------	254.7	-----
SY Tribore	224.0	----	166.2	--	213.5	-----	253.2	-----
Kompetens	260.2	---------	184.6	------	210.8	----	253.5	-----
LG 31.211	206.0	--	167.7	--	227.4	--------	263.8	------
Spyci CS	242.3	-------	193.0	-------	207.0	---	262.0	------
Farmezzo	259.0	---------	210.2	----------	217.9	------	243.3	---
Karibous	227.4	-----	161.7	-	218.7	------	246.1	---
EP2932	233.5	------	173.3	----	194.5	-	249.3	----
Ridley	253.6	--------	168.5	---	232.4	---------	250.2	----
Stacey	209.4	---	157.6	-	230.5	--------	238.4	--
MAS 13M	249.6	--------	200.1	---------	207.5	----	244.7	---
EQ3048	237.0	------	190.2	-------	230.8	--------	250.8	----
SY Adrenic	233.0	------	172.2	---	202.7	---	228.0	-
ES Amazing	263.3	---------	187.0	------	236.2	---------	267.0	-------
Kwintus	263.7	---------	174.4	----	230.8	--------	249.8	----
KXB6120	231.2	-----	180.7	-----	242.6	----------	270.2	-------
KXB5112	251.7	--------	169.0	---	235.3	---------	292.5	----------
KXB5127	258.9	---------	187.5	------	234.0	---------	272.8	--------
KXB5302	241.4	-------	205.3	----------	221.0	------	271.1	-------
KXB5304	246.6	-------	180.3	-----	236.7	---------	262.4	------
KXB5305	260.9	---------	211.0	----------	234.0	---------	268.4	-------
ES Scorpion	274.8	----------	192.3	-------	212.0	----	263.0	------
Fabregas	203.8	--	170.1	---	192.8	-	229.6	-
LG 30.222	191.9	-	198.9	--------	224.9	-------	238.2	--
P 8057	226.9	-----	192.3	-------	216.5	-----	234.0	--
SY Amboss	249.6	--------	201.6	---------	221.1	------	248.6	----
P7524	231.2	-----	185.0	------	222.3	-------	263.8	------
Lidano	207.0	--	164.7	--	232.5	---------	267.0	-------
Coditank	203.2	--	190.5	-------	197.0	-	232.4	-
-Bezugsgrösse(n)	224.1	----	180.4	-----	217.2	-----	262.9	------
Versuchs-Mittel	235.7	------	182.4	-----	220.9	------	253.4	-----
VK [%]	8.5		10.4		7.8		7.9	
KGD (5%)	40.8		ns		28.1		32.8	
KGD (1%)	54.9		ns		ns		ns	
Versuchs-Streuung	19.9		19.0		17.2		20.0	
FG Fehlerterm	29.0		29.0		58.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	39.4	--------	41.8	-----	41.0	--------	31.9	---------	33.3	------
DKC 3333	37.5	--	39.5	--	38.4	----	30.1	------	30.4	-
SY Tribore	37.6	---	41.5	-----	38.7	-----	30.9	-------	30.2	-
Kompetens	38.4	-----	39.8	--	38.4	----	30.7	-------	30.6	-
LG 31.211	39.1	-------	41.1	----	37.9	----	30.5	------	32.9	-----
Spyci CS	39.9	---------	40.8	----	41.7	---------	30.9	-------	32.1	----
Farmezzo	37.1	-	39.0	-	37.0	--	28.5	--	31.3	--
Karibous	37.8	---	40.0	---	37.9	----	28.8	---	34.0	-------
EP2932	38.5	-----	38.4	-	39.1	-----	31.5	--------	32.1	----
Ridley	37.9	---	40.0	---	35.8	-	30.8	-------	32.2	----
Stacey	38.6	-----	42.3	------	36.4	--	29.0	---	33.1	-----
MAS 13M	37.9	----	41.0	----	39.6	------	28.7	---	32.7	-----
EQ3048	40.3	----------	46.3	----------	40.2	-------	31.3	--------	36.0	----------
SY Adrenic	36.9	-	39.1	--	35.8	-	29.1	---	32.1	----
ES Amazing	38.1	----	38.9	-	38.8	-----	32.3	----------	31.2	--
Kwintus	37.4	--	42.3	------	37.6	---	29.2	----	31.7	---
KXB6120	37.7	---	41.4	----	38.8	-----	30.8	-------	31.4	---
KXB5112	40.4	----------	41.9	-----	42.9	----------	32.3	----------	35.4	----------
KXB5127	38.8	------	39.8	--	40.3	-------	32.8	----------	33.3	------
KXB5302	38.3	-----	39.7	--	38.2	----	27.9	-	33.2	------
KXB5304	37.9	---	40.5	---	37.7	---	27.6	-	33.0	-----
KXB5305	38.6	-----	40.4	---	38.4	----	31.4	--------	32.9	-----
ES Scorpion	37.2	-	38.4	-	36.5	--	29.4	----	30.8	--
Fabregas	38.7	------	39.8	--	38.0	----	30.1	-----	34.6	--------
LG 30.222	38.0	----	41.8	-----	37.5	---	28.7	---	30.5	-
P 8057	38.7	------	40.6	---	38.2	----	29.8	-----	32.6	-----
SY Amboss	38.9	-------	41.0	----	38.6	-----	30.5	------	32.3	----
P7524	39.2	-------	40.7	---	39.7	------	31.0	-------	33.1	-----
Lidano	38.1	----	42.5	------	38.6	-----	29.7	-----	33.4	------
Coditank	38.6	------	42.0	-----	38.3	----	28.7	---	31.7	---
-Bezugsgrösse(n)	39.5	--------	40.9	----	39.8	------	30.7	-------	32.5	-----
Versuchs-Mittel	38.4	-----	40.7	----	38.5	----	30.2	------	32.5	----
VK [%]	5.3		7.0		3.0		6.3		4.2	
KGD (5%)	1.2		ns		1.9		ns		2.2	
KGD (1%)	1.6		ns		2.5		ns		3.0	
Versuchs-Streuung	2.0		2.9		1.2		1.9		1.4	
FG Fehlerterm	406.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	500.8	29	4.13	***	1.50	0.0000
Anbauorte	12281.1	7	419.60	***	2.03	0.0000
WW Verf.*Anb.Orte	1110.5	203	1.31	ns	1.22	
Fehler	1697.6	406				
Insgesamt	15590.0	645				

Précocité [% MS] / Frühreife [% TS]

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	43.6	------	40.6	-----	42.8	-----	39.8	-------
DKC 3333	40.3	-	38.9	---	42.5	-----	39.8	-------
SY Tribore	41.2	--	39.8	----	42.6	-----	36.2	-
Kompetens	45.3	---------	40.9	------	42.9	------	38.8	-----
LG 31.211	44.7	--------	41.9	-------	43.0	------	41.2	---------
Spyci CS	45.7	----------	42.6	--------	46.4	----------	39.3	------
Farmezzo	42.5	----	39.2	---	42.5	-----	36.9	--
Karibous	40.3	-	37.7	-	42.7	-----	40.7	---------
EP2932	43.3	------	41.8	-------	41.9	----	39.9	-------
Ridley	44.6	--------	39.8	----	41.7	----	38.0	----
Stacey	46.1	----------	42.9	---------	39.7	-	39.0	------
MAS 13M	40.6	-	39.7	----	41.0	---	40.2	--------
EQ3048	44.0	-------	40.9	------	41.8	----	41.9	----------
SY Adrenic	41.6	---	38.9	---	40.9	---	37.5	---
ES Amazing	43.4	------	38.6	--	41.7	----	40.4	--------
Kwintus	41.6	---	38.8	---	39.9	--	37.9	----
KXB6120	40.9	--	38.3	--	41.8	----	38.3	----
KXB5112	42.9	-----	42.7	--------	43.7	-------	41.2	---------
KXB5127	42.3	----	42.4	--------	39.1	-	40.8	---------
KXB5302	41.4	---	39.7	----	46.6	----------	39.8	-------
KXB5304	42.8	-----	37.9	-	41.9	----	41.4	----------
KXB5305	43.9	-------	41.5	-------	39.5	-	40.6	--------
ES Scorpion	41.8	---	37.5	-	45.1	---------	37.7	---
Fabregas	43.2	------	40.8	------	42.6	-----	40.8	---------
LG 30.222	43.4	------	44.2	----------	41.0	---	37.1	--
P 8057	42.6	-----	41.7	-------	42.2	-----	41.7	----------
SY Amboss	43.3	------	43.2	---------	42.5	-----	40.2	--------
P7524	41.9	---	43.0	---------	44.0	-------	40.4	--------
Lidano	41.8	---	39.8	----	40.4	--	38.9	-----
Coditank	42.4	----	42.7	--------	43.7	-------	39.7	-------
-Bezugsgrösse(n)	45.2	---------	42.3	--------	44.7	--------	40.3	--------
Versuchs-Mittel	42.8	-----	40.6	-----	42.3	-----	39.5	------
VK [%]	4.4		4.1		7.2		3.3	
KGD (5%)	ns		3.4		ns		2.1	
KGD (1%)	ns		4.6		ns		2.9	
Versuchs-Streuung	1.9		1.7		3.1		1.3	
FG Fehlerterm	29.0		29.0		58.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
Schobbi CS	0.0	-	0.0	-
DKC 3333	0.0	-	0.0	-
SY Tribore	0.0	-	0.0	-
Kompetens	0.0	-	0.0	-
LG 31.211	0.0	-	0.0	-
Spyci CS	0.0	-	0.0	-
Farmezzo	0.0	-	0.0	-
Karibous	0.0	-	0.0	-
EP2932	0.0	-	0.0	-
Ridley	0.0	-	0.0	-
Stacey	0.0	-	0.0	-
MAS 13M	0.0	-	0.0	-
EQ3048	0.0	-	0.0	-
SY Adrenic	0.0	-	0.0	-
ES Amazing	0.0	-	0.0	-
Kwintus	0.0	-	0.0	-
KXB6120	0.0	-	0.0	-
KXB5112	8.3	-------	8.3	-------
KXB5127	0.0	-	0.0	-
KXB5302	0.0	-	0.0	-
KXB5304	0.0	-	0.0	-
KXB5305	4.2	----	4.2	----
ES Scorpion	0.0	-	0.0	-
Fabregas	0.0	-	0.0	-
LG 30.222	0.0	-	0.0	-
P 8057	12.5	----------	12.5	----------
SY Amboss	0.0	-	0.0	-
P7524	8.3	-------	8.3	-------
Lidano	4.2	----	4.2	----
Coditank	0.0	-	0.0	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	1.3	--	1.3	--
VK [%]	337.3		337.3	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	4.2		4.2	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
Schobbi CS	0.0	-	0.0	-
DKC 3333	0.0	-	0.0	-
SY Tribore	0.0	-	0.0	-
Kompetens	0.0	-	0.0	-
LG 31.211	0.0	-	0.0	-
Spyci CS	0.0	-	0.0	-
Farmezzo	0.0	-	0.0	-
Karibous	0.0	-	0.0	-
EP2932	0.0	-	0.0	-
Ridley	0.0	-	0.0	-
Stacey	0.0	-	0.0	-
MAS 13M	0.0	-	0.0	-
EQ3048	0.0	-	0.0	-
SY Adrenic	0.0	-	0.0	-
ES Amazing	0.0	-	0.0	-
Kwintus	0.0	-	0.0	-
KXB6120	0.0	-	0.0	-
KXB5112	0.0	-	0.0	-
KXB5127	0.0	-	0.0	-
KXB5302	0.0	-	0.0	-
KXB5304	0.0	-	0.0	-
KXB5305	0.0	-	0.0	-
ES Scorpion	0.0	-	0.0	-
Fabregas	0.0	-	0.0	-
LG 30.222	0.0	-	0.0	-
P 8057	0.0	-	0.0	-
SY Amboss	0.0	-	0.0	-
P7524	0.0	-	0.0	-
Lidano	0.0	-	0.0	-
Coditank	0.0	-	0.0	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	0.0	-	0.0	-
VK [%]			0.0	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	0.0		0.0	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
Schobbi CS	0.0	-	0.0	-
DKC 3333	0.0	-	0.0	-
SY Tribore	0.0	-	0.0	-
Kompetens	4.2	----------	4.2	----------
LG 31.211	4.2	----------	4.2	----------
Spyci CS	0.0	-	0.0	-
Farmezzo	4.2	----------	4.2	----------
Karibous	0.0	-	0.0	-
EP2932	0.0	-	0.0	-
Ridley	0.0	-	0.0	-
Stacey	0.0	-	0.0	-
MAS 13M	0.0	-	0.0	-
EQ3048	0.0	-	0.0	-
SY Adrenic	0.0	-	0.0	-
ES Amazing	0.0	-	0.0	-
Kwintus	4.2	----------	4.2	----------
KXB6120	0.0	-	0.0	-
KXB5112	0.0	-	0.0	-
KXB5127	4.2	----------	4.2	----------
KXB5302	0.0	-	0.0	-
KXB5304	0.0	-	0.0	-
KXB5305	0.0	-	0.0	-
ES Scorpion	0.0	-	0.0	-
Fabregas	0.0	-	0.0	-
LG 30.222	0.0	-	0.0	-
P 8057	4.2	----------	4.2	----------
SY Amboss	0.0	-	0.0	-
P7524	0.0	-	0.0	-
Lidano	0.0	-	0.0	-
Coditank	4.2	----------	4.2	----------
-Bezugsgrösse(n)	2.1	------	2.1	------
Versuchs-Mittel	1.0	---	1.0	---
VK [%]	363.8		363.8	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	3.5		3.5	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel		3065 Habstetten		5643 Alikon AG		8046 Reckenholz ZH		8566 Ellighausen TG	
Schobbi CS	0.4	--	0.0	-	0.0	-	0.0	-	1.8	------
DKC 3333	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
SY Tribore	0.2	-	0.7	---	0.0	-	0.0	-	0.0	-
Kompetens	0.5	---	0.0	-	0.7	--	0.0	-	1.2	----
LG 31.211	0.5	---	1.3	-----	0.8	--	0.0	-	0.0	-
Spyci CS	0.3	--	0.0	-	0.0	-	0.0	-	1.1	----
Farmezzo	1.1	-----	0.3	--	0.7	--	0.0	-	3.3	----------
Karibous	0.5	--	0.0	-	0.8	--	0.0	-	1.1	----
EP2932	0.7	----	0.0	-	0.8	--	0.0	-	2.2	-------
Ridley	0.8	----	1.0	----	0.0	-	0.0	-	2.3	--------
Stacey	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
MAS 13M	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
EQ3048	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
SY Adrenic	0.7	----	1.3	-----	0.0	-	0.0	-	1.7	------
ES Amazing	0.7	---	0.0	-	2.3	----	0.0	-	0.6	--
Kwintus	2.1	---------	3.2	----------	1.3	--	1.6	------	2.2	-------
KXB6120	0.9	----	0.7	---	0.0	-	3.1	----------	0.0	-
KXB5112	0.2	-	0.6	---	0.0	-	0.0	-	0.0	-
KXB5127	1.2	-----	1.0	----	2.1	---	0.0	-	1.6	-----
KXB5302	0.6	---	1.6	------	0.0	-	0.8	---	0.0	-
KXB5304	0.5	---	0.6	---	1.4	--	0.0	-	0.0	-
KXB5305	0.8	----	2.6	---------	0.0	-	0.0	-	0.5	--
ES Scorpion	0.7	---	0.3	--	2.3	----	0.0	-	0.0	-
Fabregas	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
LG 30.222	0.4	--	0.3	--	0.0	-	0.0	-	1.2	----
P 8057	0.8	----	0.0	-	3.1	-----	0.0	-	0.0	-
SY Amboss	1.1	-----	1.9	-------	1.5	---	0.0	-	1.0	----
P7524	1.7	-------	2.0	-------	2.3	----	1.5	-----	1.1	----
Lidano	2.5	----------	0.7	---	7.5	----------	0.0	-	1.8	------
Coditank	0.1	-	0.0	-	0.0	-	0.0	-	0.6	--
-Bezugsgrösse(n)	0.4	--	0.7	---	0.4	-	0.0	-	0.5	--
Versuchs-Mittel	0.7	---	0.7	---	0.9	--	0.2	-	0.8	---
VK [%]	196.3		166.0		154.6		435.6		183.2	
KGD (5%)	1.2		1.8		2.9		ns		ns	
KGD (1%)	1.5		ns		ns		ns		ns	
Versuchs-Streuung	1.3		1.1		1.4		1.0		1.5	
FG Fehlerterm	174.0		58.0		29.0		29.0		58.0	
Anz. Beob.	10.0		3.0		2.0		2.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	105.6	29	2.14	**	1.53	0.0014
Anbauorte	21.3	3	4.17	**	2.66	0.0070
WW Verf.*Anb.Orte	217.0	87	1.47	*	1.35	0.0171
Fehler	295.9	174				
Insgesamt	639.8	293				

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Posieux	3065 Habstetten
Schobbi CS	10.0 ------	10.5 ------	9.2 ------	9.9 --	10.0 -----
DKC 3333	9.8 ----	10.5 -----	9.2 ------	10.0 ----	10.1 ------
SY Tribore	9.7 ---	10.5 ------	9.6 --------	10.2 -----	9.8 ----
Kompetens	10.1 -------	11.1 ----------	9.3 ------	10.2 ------	10.8 ----------
LG 31.211	10.1 ------	10.5 -----	9.8 ----------	10.6 ---------	9.7 ---
Spyci CS	9.9 -----	10.6 ------	9.2 ------	10.0 ---	10.1 ------
Farmezzo	10.1 -------	10.1 --	9.6 --------	10.2 -----	10.1 ------
Karibous	10.2 --------	10.3 ----	10.0 ----------	10.4 -------	10.2 -------
EP2932	9.8 ----	10.4 -----	9.7 ---------	9.7 -	9.5 --
Ridley	10.1 -------	10.0 --	10.0 ----------	9.7 -	10.4 --------
Stacey	9.7 ---	10.0 --	9.2 ------	9.9 --	9.8 ----
MAS 13M	9.8 ----	10.5 ------	9.1 ------	9.9 --	10.2 -------
EQ3048	9.7 ---	9.9 -	9.7 ---------	9.8 --	9.8 ----
SY Adrenic	9.6 --	9.9 -	8.2 -	9.7 -	10.2 -------
ES Amazing	10.1 -------	10.3 ----	9.6 --------	10.5 --------	10.0 ------
Kwintus	10.2 -------	10.4 -----	9.7 ---------	10.0 ----	10.5 ---------
KXB6120	9.9 -----	10.2 ---	9.9 ----------	10.3 -------	10.1 ------
KXB5112	10.3 ---------	10.7 -------	9.8 ---------	10.6 ---------	10.3 -------
KXB5127	10.2 --------	10.2 ---	9.8 ---------	10.6 ---------	10.2 -------
KXB5302	10.1 -------	10.5 ------	9.7 ---------	10.3 -------	10.6 ----------
KXB5304	10.3 ---------	10.8 --------	9.9 ----------	10.8 ----------	10.5 ---------
KXB5305	10.1 -------	10.2 ---	9.7 ---------	10.1 ----	10.3 -------
ES Scorpion	10.5 ----------	10.5 -----	9.7 ---------	10.7 ----------	10.3 -------
Fabregas	10.3 ---------	10.1 --	9.4 -------	10.7 ----------	10.4 --------
LG 30.222	9.7 ----	10.0 -	9.6 --------	10.3 ------	10.2 -------
P 8057	10.0 ------	10.4 -----	9.6 --------	10.0 ---	10.2 -------
SY Amboss	10.3 ---------	10.5 -----	9.9 ----------	10.0 ----	10.5 ---------
P7524	10.1 ------	10.1 --	9.6 --------	10.4 -------	9.8 ----
Lidano	9.4 -	10.0 --	8.9 ----	10.0 ---	9.3 -
Coditank	9.9 -----	10.2 ---	9.5 --------	10.7 ----------	10.3 -------
-Bezugsgrösse(n)	10.0 ------	10.5 ------	9.5 --------	10.3 ------	9.9 -----
Versuchs-Mittel	10.0 ------	10.3 ----	9.5 --------	10.2 -----	10.1 ------
VK [%]	5.5	3.8	7.8	4.6	3.1
KGD (5%)	0.3	ns	ns	ns	0.5
KGD (1%)	0.4	ns	ns	ns	0.7
Versuchs-Streuung	0.5	0.4	0.7	0.5	0.3
FG Fehlerterm	406.0	58.0	58.0	58.0	58.0
Anz. Beob.	22.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	37.1	29	4.27	***	1.50	0.0000
Anbauorte	50.7	7	24.19	***	2.03	0.0000
WW Verf.*Anb.Orte	100.1	203	1.65	ns	1.22	
Fehler	121.5	406				
Insgesamt	309.4	645				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	10.4	------	10.8	---------	9.8	----	9.7	--------
DKC 3333	9.5	--	9.9	------	9.6	---	9.3	------
SY Tribore	9.7	---	9.7	-----	9.6	---	8.7	-----
Kompetens	10.7	--------	8.1	-	10.2	------	10.3	----------
LG 31.211	10.4	------	10.0	------	9.8	----	9.7	--------
Spyci CS	10.1	-----	10.0	------	9.9	-----	9.6	--------
Farmezzo	10.7	--------	10.0	------	10.3	-------	9.6	-------
Karibous	10.2	------	9.8	------	10.3	------	10.2	---------
EP2932	10.1	-----	9.9	------	9.3	--	9.9	--------
Ridley	10.5	-------	10.2	-------	10.4	-------	9.9	--------
Stacey	9.8	----	9.4	-----	9.2	-	9.8	--------
MAS 13M	10.0	----	9.8	------	9.7	----	9.1	------
EQ3048	9.6	---	10.3	-------	9.2	-	9.5	-------
SY Adrenic	9.9	----	9.6	-----	9.6	---	9.9	--------
ES Amazing	10.1	-----	10.4	--------	10.2	------	9.6	-------
Kwintus	11.3	----------	9.9	------	9.3	--	10.1	---------
KXB6120	10.2	------	10.2	-------	9.0	-	9.4	-------
KXB5112	10.4	------	10.1	-------	10.1	------	10.4	----------
KXB5127	10.8	--------	9.7	-----	9.8	----	10.5	----------
KXB5302	10.8	--------	10.2	-------	10.2	------	8.0	--
KXB5304	11.0	---------	9.5	-----	9.6	---	10.6	----------
KXB5305	10.2	-----	10.5	--------	9.8	----	9.9	--------
ES Scorpion	10.3	------	11.4	----------	11.2	----------	9.9	--------
Fabregas	10.9	---------	10.2	-------	10.3	-------	10.6	----------
LG 30.222	9.2	-	10.2	-------	9.0	-	9.4	-------
P 8057	10.3	------	9.6	-----	10.3	------	9.9	--------
SY Amboss	10.7	--------	10.3	-------	10.2	------	10.3	----------
P7524	10.3	------	10.5	--------	9.7	----	10.0	---------
Lidano	9.9	----	9.2	----	9.8	----	8.5	----
Coditank	10.2	-----	10.8	---------	9.8	----	7.5	-
-Bezugsgrösse(n)	10.3	------	10.0	------	9.8	----	9.7	--------
Versuchs-Mittel	10.3	------	10.0	------	9.8	----	9.7	--------
VK [%]	4.7		7.5		4.3		7.2	
KGD (5%)	ns		ns		0.7		1.1	
KGD (1%)	ns		ns		0.9		1.5	
Versuchs-Streuung	0.5		0.7		0.4		0.7	
FG Fehlerterm	29.0		29.0		58.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Posieux		3065 Habstetten		8046 Reckenholz ZH	
Schobbi CS	38.5	-	45.7	---	36.8	-	38.6	-	32.2	-
DKC 3333	43.9	-----	49.5	-----	41.0	----	48.5	----------	34.0	--
SY Tribore	43.4	-----	45.5	---	42.3	-----	44.9	------	39.1	-------
Kompetens	40.2	--	46.2	---	36.8	-	39.4	-	39.2	-------
LG 31.211	39.7	--	45.4	---	37.1	-	42.1	----	34.1	---
Spyci CS	42.9	----	46.7	---	40.6	----	42.0	----	42.6	----------
Farmezzo	41.9	----	46.1	---	39.3	---	43.2	-----	39.0	-------
Karibous	43.0	-----	48.5	----	41.5	-----	41.7	----	38.0	------
EP2932	41.0	---	42.8	-	38.8	--	41.2	---	34.1	---
Ridley	43.1	-----	49.3	-----	39.1	---	47.7	---------	36.4	-----
Stacey	43.5	-----	47.9	----	42.6	-----	41.9	----	41.3	---------
MAS 13M	43.2	-----	50.3	-----	41.8	-----	40.0	--	39.1	-------
EQ3048	39.7	--	42.0	-	41.6	-----	38.9	-	36.2	-----
SY Adrenic	42.1	----	46.2	---	42.5	-----	43.7	-----	34.8	---
ES Amazing	42.0	----	47.4	----	40.7	----	43.7	-----	36.2	-----
Kwintus	46.9	--------	52.5	-------	44.2	-------	47.9	---------	41.0	---------
KXB6120	49.9	----------	59.4	----------	48.8	----------	49.4	----------	40.7	---------
KXB5112	43.4	-----	51.2	------	40.2	---	43.6	-----	38.1	------
KXB5127	43.0	-----	47.0	----	41.7	-----	45.6	-------	36.4	-----
KXB5302	42.3	----	47.4	----	44.9	-------	42.2	----	35.0	---
KXB5304	43.8	-----	50.1	-----	41.0	----	42.8	-----	38.4	-------
KXB5305	44.1	------	46.0	---	45.3	--------	47.9	---------	37.9	------
ES Scorpion	45.6	-------	51.5	------	43.6	------	46.3	--------	41.5	----------
Fabregas	45.6	-------	52.4	-------	46.7	---------	42.0	----	40.9	---------
LG 30.222	43.6	-----	48.1	----	40.6	----	45.6	-------	39.1	-------
P 8057	44.1	-----	47.7	----	43.7	------	45.4	-------	39.5	--------
SY Amboss	45.3	-------	49.9	-----	44.7	-------	46.9	--------	38.5	-------
P7524	44.6	------	48.0	----	44.7	-------	43.6	-----	40.5	---------
Lidano	40.6	--	44.9	--	38.2	--	44.4	------	32.0	-
Coditank	40.7	---	45.2	--	36.9	-	41.4	---	38.3	-------
-Bezugsgrösse(n)	41.3	---	46.0	---	38.8	--	42.0	----	38.3	-------
Versuchs-Mittel	43.0	-----	48.0	----	41.6	-----	43.7	-----	37.8	------
VK [%]	8.7		9.8		9.8		8.2		7.0	
KGD (5%)	2.8		ns		ns		5.9		5.4	
KGD (1%)	3.7		ns		ns		ns		ns	
Versuchs-Streuung	3.7		4.7		4.1		3.6		2.7	
FG Fehlerterm	261.0		58.0		58.0		58.0		29.0	
Anz. Beob.	14.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	2203.9	29	5.48	***	1.51	0.0000
Anbauorte	4703.9	4	84.79	***	2.41	0.0000
WW Verf.*Anb.Orte	1422.3	116	0.88	ns	1.29	
Fehler	3620.1	261				
Insgesamt	11950.3	410				

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

Verfahren	8566 Ellighausen TG	
Schobbi CS	39.2	-
DKC 3333	46.6	-------
SY Tribore	45.2	------
Kompetens	39.5	-
LG 31.211	39.8	-
Spyci CS	42.4	---
Farmezzo	42.0	---
Karibous	45.0	------
EP2932	48.1	--------
Ridley	42.7	----
Stacey	43.6	----
MAS 13M	44.5	-----
EQ3048	39.9	-
SY Adrenic	43.1	----
ES Amazing	42.1	---
Kwintus	49.1	---------
KXB6120	51.1	----------
KXB5112	44.1	-----
KXB5127	44.3	-----
KXB5302	41.9	---
KXB5304	46.7	-------
KXB5305	43.7	----
ES Scorpion	45.0	-----
Fabregas	45.9	------
LG 30.222	44.4	-----
P 8057	44.1	-----
SY Amboss	46.6	-------
P7524	46.0	------
Lidano	43.2	----
Coditank	41.8	---
-Bezugsgrösse(n)	41.1	--
Versuchs-Mittel	44.1	-----
VK [%]	6.0	
KGD (5%)	4.3	
KGD (1%)	5.7	
Versuchs-Streuung	2.6	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

Floraison [jours] / Blühbeginn [Tage]

Verfahren	Seriemittel		1260 Nyon		1725 Posieux		3065 Habstetten		8046 Reckenholz ZH	
Schobbi CS	78.2	-----	76.7	---------	72.7	---	82.3	--	80.5	------
DKC 3333	79.4	-------	78.0	----------	73.0	----	83.3	----	82.5	---------
SY Tribore	78.7	------	75.0	-------	72.7	---	85.3	-------	81.0	-------
Kompetens	77.6	----	74.3	------	72.3	--	83.7	----	79.5	-----
LG 31.211	76.0	-	72.7	----	72.0	-	81.0	-	78.5	---
Spyci CS	77.1	---	75.3	-------	72.3	--	83.0	---	78.5	---
Farmezzo	79.4	-------	77.3	----------	73.7	-------	84.7	------	80.5	------
Karibous	76.7	--	75.0	-------	72.0	-	81.0	-	79.0	----
EP2932	77.8	----	75.0	-------	72.7	---	83.0	---	80.0	------
Ridley	76.6	--	72.0	---	72.0	-	81.0	-	80.5	------
Stacey	75.9	-	70.0	-	72.0	-	81.0	-	80.0	------
MAS 13M	78.5	------	74.0	------	73.3	------	85.7	-------	80.0	------
EQ3048	76.1	-	70.0	-	73.0	----	82.0	--	78.0	---
SY Adrenic	77.0	---	72.7	----	72.7	---	82.0	--	79.0	----
ES Amazing	78.1	-----	75.3	-------	73.0	----	82.3	--	80.5	------
Kwintus	78.7	------	76.7	---------	72.3	--	84.0	-----	81.0	-------
KXB6120	80.4	---------	78.0	----------	74.0	--------	85.0	------	82.5	---------
KXB5112	76.8	--	73.3	-----	73.3	------	82.0	--	78.0	---
KXB5127	76.6	--	73.0	----	72.3	--	83.0	---	76.5	-
KXB5302	79.0	-------	76.7	---------	73.3	------	85.3	-------	80.5	------
KXB5304	78.0	-----	75.0	-------	72.3	--	83.0	---	81.0	-------
KXB5305	77.3	---	74.7	------	72.7	---	82.3	--	78.0	---
ES Scorpion	81.1	----------	77.7	----------	74.3	---------	87.3	---------	83.5	----------
Fabregas	77.0	---	74.7	------	72.7	---	81.0	-	78.5	---
LG 30.222	78.0	-----	75.0	-------	72.0	-	83.3	----	79.5	-----
P 8057	76.7	--	74.7	------	72.0	-	81.3	-	78.0	---
SY Amboss	78.9	------	77.7	----------	74.7	----------	83.7	----	79.0	----
P7524	75.9	-	73.0	----	72.3	--	81.0	-	77.5	--
Lidano	79.8	--------	76.0	--------	72.0	-	88.3	----------	81.5	--------
Coditank	78.3	-----	77.3	----------	73.7	-------	84.0	-----	79.5	-----
-Bezugsgrösse(n)	76.6	--	74.0	------	72.2	-	82.0	--	78.5	---
Versuchs-Mittel	77.9	----	74.9	-------	72.8	----	83.2	----	79.8	-----
VK [%]	1.6		2.1		1.1		1.3		2.0	
KGD (5%)	1.0		2.6		1.3		1.8		3.3	
KGD (1%)	1.3		3.4		1.7		2.4		ns	
Versuchs-Streuung	1.3		1.6		0.8		1.1		1.6	
FG Fehlerterm	261.0		58.0		58.0		58.0		29.0	
Anz. Beob.	14.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	750.5	29	15.69	***	1.51	0.0000
Anbauorte	5658.2	4	857.63	***	2.41	0.0000
WW Verf.*Anb.Orte	428.5	116	2.24	***	1.29	0.0003
Fehler	430.5	261				
Insgesamt	7267.7	410				

Floraison [jours] / Blühbeginn [Tage]

Verfahren	8566 Ellighausen TG	
Schobbi CS	78.7	-----
DKC 3333	80.0	-------
SY Tribore	79.3	------
Kompetens	78.0	----
LG 31.211	76.0	-
Spyci CS	76.3	--
Farmezzo	80.7	--------
Karibous	76.3	--
EP2932	78.3	----
Ridley	77.7	---
Stacey	76.7	--
MAS 13M	79.3	------
EQ3048	77.7	---
SY Adrenic	78.7	-----
ES Amazing	79.3	------
Kwintus	79.3	------
KXB6120	82.7	----------
KXB5112	77.3	---
KXB5127	78.0	----
KXB5302	79.3	------
KXB5304	78.7	-----
KXB5305	78.7	-----
ES Scorpion	82.7	----------
Fabregas	78.3	----
LG 30.222	80.3	-------
P 8057	77.3	---
SY Amboss	79.7	------
P7524	75.7	-
Lidano	81.3	---------
Coditank	77.0	---
-Bezugsgrösse(n)	76.2	-
Versuchs-Mittel	78.6	-----
VK [%]	1.7	
KGD (5%)	2.2	
KGD (1%)	2.9	
Versuchs-Streuung	1.3	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	6.3	-------	6.1	-----	6.6	--------	6.5	-------	6.3	--------
DKC 3333	6.4	---------	6.2	------	6.7	----------	6.5	------	6.5	----------
SY Tribore	6.3	------	6.2	------	6.4	---	6.3	--	6.2	------
Kompetens	6.4	---------	6.5	----------	6.5	----	6.5	--------	6.2	-------
LG 31.211	6.4	--------	6.2	------	6.6	--------	6.2	-	6.4	---------
Spyci CS	6.3	-------	6.3	--------	6.7	---------	6.3	--	6.1	----
Farmezzo	6.3	-----	5.9	--	6.4	---	6.5	-------	6.2	-------
Karibous	6.4	---------	6.3	--------	6.6	------	6.5	-------	6.2	------
EP2932	6.4	--------	6.3	-------	6.5	------	6.6	---------	6.2	-------
Ridley	6.2	---	5.8	-	6.4	---	6.4	----	6.1	------
Stacey	6.4	--------	6.0	---	6.7	----------	6.5	-------	6.2	-------
MAS 13M	6.2	----	6.3	--------	6.6	------	6.3	--	6.0	---
EQ3048	6.4	---------	6.2	-------	6.7	--------	6.4	-----	6.2	------
SY Adrenic	6.5	----------	6.3	-------	6.7	---------	6.7	----------	6.3	-------
ES Amazing	6.2	----	6.2	-----	6.5	----	6.3	--	5.8	-
Kwintus	6.3	-----	6.2	-----	6.3	-	6.4	----	6.2	-------
KXB6120	6.3	-----	5.9	--	6.6	-------	6.4	-----	6.2	------
KXB5112	6.2	---	6.0	---	6.5	----	6.5	-------	5.9	---
KXB5127	6.4	--------	6.3	-------	6.6	-------	6.5	--------	6.2	------
KXB5302	6.4	---------	6.4	--------	6.6	-------	6.5	------	6.4	---------
KXB5304	6.3	-------	6.3	-------	6.6	------	6.4	------	6.2	------
KXB5305	6.4	--------	6.3	--------	6.5	------	6.5	------	6.2	-------
ES Scorpion	6.1	-	6.2	------	6.3	-	6.2	-	5.8	-
Fabregas	6.2	---	6.4	---------	6.5	-----	6.3	--	6.3	-------
LG 30.222	6.4	-------	6.4	--------	6.5	-----	6.5	-------	6.0	---
P 8057	6.3	------	6.2	------	6.8	----------	6.4	-----	6.2	-------
SY Amboss	6.2	----	6.2	------	6.3	-	6.2	-	6.1	------
P7524	6.4	-------	6.3	-------	6.6	--------	6.4	-----	6.2	------
Lidano	6.3	-----	5.9	--	6.5	------	6.4	----	6.1	-----
Coditank	6.4	-------	6.2	------	6.6	------	6.4	----	6.2	------
-Bezugsgrösse(n)	6.4	-------	6.3	-------	6.7	--------	6.3	--	6.2	-------
Versuchs-Mittel	6.3	------	6.2	------	6.5	------	6.4	-----	6.2	------
VK [%]	3.2		5.4		2.2		2.2		2.8	
KGD (5%)	0.1		ns		0.2		0.2		0.3	
KGD (1%)	0.2		ns		0.3		0.3		0.4	
Versuchs-Streuung	0.2		0.3		0.1		0.1		0.2	
FG Fehlerterm	403.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	6.1	29	5.09	***	1.50	0.0000
Anbauorte	12.7	7	44.03	***	2.03	0.0000
WW Verf.*Anb.Orte	9.9	203	1.18	ns	1.22	
Fehler	16.5	403				
Insgesamt	45.1	642				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	6.4	-----	6.3	-----	6.1	----	6.5	---------
DKC 3333	6.5	------	6.6	---------	6.2	-----	6.5	--------
SY Tribore	6.6	--------	6.0	-	6.3	--------	6.6	----------
Kompetens	6.6	--------	6.5	--------	6.1	----	6.5	--------
LG 31.211	6.5	------	6.4	------	6.2	-------	6.5	---------
Spyci CS	6.5	-------	6.4	------	6.0	---	6.5	---------
Farmezzo	6.5	-------	6.3	-----	6.1	----	6.4	-------
Karibous	6.5	-------	6.5	-------	6.3	--------	6.6	----------
EP2932	6.8	----------	6.4	-------	6.1	-----	6.4	------
Ridley	6.4	------	6.2	----	6.0	--	6.3	-----
Stacey	6.6	--------	6.2	----	6.4	---------	6.4	------
MAS 13M	6.5	-------	6.1	--	5.9	--	6.1	--
EQ3048	6.8	----------	6.6	---------	6.4	---------	6.2	----
SY Adrenic	6.8	----------	6.6	---------	6.3	--------	6.5	--------
ES Amazing	6.5	-------	6.3	-----	6.2	------	6.2	---
Kwintus	6.1	--	6.5	-------	6.2	-----	6.5	--------
KXB6120	6.4	-----	6.2	---	6.2	-----	6.4	------
KXB5112	6.4	-----	6.0	-	6.0	---	6.4	------
KXB5127	6.4	------	6.4	------	6.5	----------	6.5	---------
KXB5302	6.6	--------	6.7	----------	6.1	----	6.4	------
KXB5304	6.4	-----	6.4	-------	6.2	------	6.3	-----
KXB5305	6.5	------	6.6	---------	6.3	-------	6.3	-----
ES Scorpion	6.0	-	6.2	---	5.8	-	6.2	--
Fabregas	6.1	--	6.2	---	5.9	-	6.1	-
LG 30.222	6.3	-----	6.6	---------	6.2	-----	6.4	------
P 8057	6.4	-----	6.5	-------	6.0	---	6.3	----
SY Amboss	6.3	-----	6.3	-----	6.1	----	6.2	----
P7524	6.4	-----	6.4	-------	6.0	---	6.5	--------
Lidano	6.3	-----	6.2	----	6.3	-------	6.5	--------
Coditank	6.6	--------	6.4	-------	6.2	------	6.4	-------
-Bezugsgrösse(n)	6.5	------	6.4	------	6.1	-----	6.5	---------
Versuchs-Mittel	6.5	------	6.3	------	6.1	-----	6.4	------
VK [%]	3.4		3.2		3.1		2.5	
KGD (5%)	ns		ns		0.3		0.3	
KGD (1%)	ns		ns		0.4		0.3	
Versuchs-Streuung	0.2		0.2		0.2		0.2	
FG Fehlerterm	28.0		29.0		56.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	6.5	-------	6.2	-----	6.9	--------	6.7	-------	6.5	--------
DKC 3333	6.6	---------	6.3	------	7.0	----------	6.7	------	6.7	----------
SY Tribore	6.5	------	6.3	------	6.6	---	6.4	--	6.3	------
Kompetens	6.6	---------	6.7	----------	6.6	----	6.8	--------	6.3	-------
LG 31.211	6.6	-------	6.3	------	6.9	--------	6.4	-	6.6	---------
Spyci CS	6.5	-------	6.5	--------	7.0	---------	6.4	--	6.1	----
Farmezzo	6.4	-----	6.0	--	6.6	---	6.7	-------	6.4	-------
Karibous	6.6	---------	6.5	--------	6.8	------	6.7	-------	6.3	------
EP2932	6.6	--------	6.4	-------	6.8	------	6.8	---------	6.3	------
Ridley	6.3	---	5.8	-	6.6	---	6.5	----	6.2	------
Stacey	6.6	--------	6.0	---	7.0	----------	6.7	-------	6.4	-------
MAS 13M	6.3	----	6.5	--------	6.8	------	6.4	--	6.0	---
EQ3048	6.6	---------	6.4	-------	6.9	--------	6.6	-----	6.3	------
SY Adrenic	6.7	----------	6.4	-------	7.0	---------	6.9	----------	6.4	-------
ES Amazing	6.4	----	6.3	-----	6.7	----	6.4	--	5.8	-
Kwintus	6.4	-----	6.2	-----	6.5	-	6.5	----	6.3	-------
KXB6120	6.4	-----	5.9	--	6.8	-------	6.6	-----	6.3	------
KXB5112	6.3	---	6.0	---	6.7	----	6.7	-------	6.0	---
KXB5127	6.6	--------	6.4	-------	6.8	------	6.8	--------	6.3	------
KXB5302	6.6	---------	6.5	--------	6.8	-------	6.7	------	6.6	---------
KXB5304	6.5	-------	6.4	-------	6.8	------	6.6	------	6.3	------
KXB5305	6.6	--------	6.5	--------	6.8	------	6.7	------	6.3	-------
ES Scorpion	6.2	-	6.3	------	6.5	-	6.3	-	5.8	-
Fabregas	6.3	---	6.6	---------	6.7	-----	6.4	-	6.4	-------
LG 30.222	6.5	-------	6.5	--------	6.7	-----	6.7	-------	6.1	---
P 8057	6.5	------	6.3	------	7.1	----------	6.6	-----	6.4	-------
SY Amboss	6.3	----	6.3	------	6.4	-	6.3	-	6.2	-----
P7524	6.5	-------	6.4	-------	6.9	-------	6.6	-----	6.3	------
Lidano	6.4	-----	6.0	--	6.8	------	6.5	----	6.2	-----
Coditank	6.5	-------	6.3	------	6.8	------	6.6	----	6.3	------
-Bezugsgrösse(n)	6.5	-------	6.4	-------	6.9	--------	6.4	--	6.3	-------
Versuchs-Mittel	6.5	------	6.3	------	6.8	------	6.6	-----	6.3	------
VK [%]	4.0		6.9		2.7		2.8		3.5	
KGD (5%)	0.2		ns		0.3		0.3		0.4	
KGD (1%)	0.2		ns		0.4		0.4		0.5	
Versuchs-Streuung	0.3		0.4		0.2		0.2		0.2	
FG Fehlerterm	403.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	10.1	29	5.08	***	1.50	0.0000
Anbauorte	21.5	7	44.71	***	2.03	0.0000
WW Verf.*Anb.Orte	16.2	203	1.16	ns	1.22	
Fehler	27.6	403				
Insgesamt	75.4	642				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	6.5	-----	6.4	----	6.2	----	6.7	---------
DKC 3333	6.6	------	6.8	---------	6.3	-----	6.7	--------
SY Tribore	6.8	--------	6.1	-	6.5	--------	6.9	----------
Kompetens	6.9	--------	6.7	--------	6.2	----	6.7	--------
LG 31.211	6.6	------	6.5	------	6.4	-------	6.8	---------
Spyci CS	6.7	-------	6.5	------	6.0	---	6.7	---------
Farmezzo	6.7	-------	6.4	----	6.1	---	6.6	-------
Karibous	6.8	-------	6.6	-------	6.5	--------	6.9	----------
EP2932	7.1	----------	6.6	------	6.2	-----	6.6	------
Ridley	6.6	------	6.4	----	6.0	--	6.5	-----
Stacey	6.9	--------	6.4	----	6.6	---------	6.6	------
MAS 13M	6.7	-------	6.2	--	6.0	--	6.2	--
EQ3048	7.1	----------	6.8	--------	6.6	---------	6.4	----
SY Adrenic	7.1	----------	6.8	---------	6.5	--------	6.7	--------
ES Amazing	6.7	-------	6.5	-----	6.3	------	6.3	---
Kwintus	6.2	--	6.6	-------	6.3	-----	6.7	--------
KXB6120	6.5	-----	6.2	--	6.3	-----	6.5	------
KXB5112	6.6	-----	6.1	-	6.1	---	6.6	------
KXB5127	6.6	------	6.6	------	6.7	----------	6.7	--------
KXB5302	6.8	--------	7.0	----------	6.1	----	6.5	------
KXB5304	6.6	-----	6.6	-------	6.3	------	6.5	-----
KXB5305	6.6	------	6.8	--------	6.4	-------	6.5	-----
ES Scorpion	6.0	-	6.3	---	5.8	-	6.3	--
Fabregas	6.2	--	6.3	---	5.9	-	6.2	-
LG 30.222	6.5	-----	6.7	--------	6.3	-----	6.5	------
P 8057	6.6	-----	6.7	-------	6.1	---	6.4	----
SY Amboss	6.5	-----	6.4	----	6.2	----	6.4	----
P7524	6.6	-----	6.6	------	6.0	---	6.7	--------
Lidano	6.5	-----	6.4	----	6.4	-------	6.7	--------
Coditank	6.8	--------	6.5	------	6.3	------	6.6	-------
-Bezugsgrösse(n)	6.7	------	6.5	------	6.2	-----	6.8	---------
Versuchs-Mittel	6.7	------	6.5	-----	6.2	-----	6.6	------
VK [%]	4.3		4.1		3.9		3.2	
KGD (5%)	ns		ns		0.4		0.3	
KGD (1%)	ns		ns		0.5		0.5	
Versuchs-Streuung	0.3		0.3		0.2		0.2	
FG Fehlerterm	28.0		29.0		56.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	132.5	--	118.8	---	114.2	-	130.0	----	117.2	---
DKC 3333	139.3	-----	115.0	--	126.2	----	134.1	-----	128.6	--------
SY Tribore	137.6	----	120.4	----	129.7	-----	130.3	----	113.6	-
Kompetens	144.1	-------	131.4	--------	123.5	---	129.4	----	125.1	------
LG 31.211	143.6	------	139.9	----------	143.4	--------	132.1	-----	122.8	-----
Spyci CS	142.0	------	140.1	----------	130.2	-----	120.8	--	121.8	-----
Farmezzo	141.7	------	110.4	-	131.1	-----	119.8	--	123.3	------
Karibous	139.6	-----	112.5	-	146.1	---------	124.3	---	126.0	-------
EP2932	140.9	-----	136.4	---------	137.6	-------	127.4	----	123.5	------
Ridley	144.8	-------	130.4	-------	138.2	-------	131.4	-----	133.7	----------
Stacey	135.3	---	111.8	-	135.5	------	123.5	---	120.0	----
MAS 13M	142.0	------	136.1	---------	136.4	-------	127.4	----	118.0	---
EQ3048	145.9	-------	116.7	---	144.3	---------	126.9	----	130.7	---------
SY Adrenic	137.4	----	131.2	--------	121.4	---	121.2	--	124.5	------
ES Amazing	149.0	--------	129.4	-------	151.7	----------	133.2	-----	114.4	--
Kwintus	145.0	-------	115.6	--	144.1	---------	127.6	----	133.2	----------
KXB6120	149.2	--------	128.1	-------	149.2	----------	143.9	--------	132.2	----------
KXB5112	151.0	---------	130.8	-------	143.8	---------	153.7	----------	126.3	-------
KXB5127	155.4	----------	137.3	----------	136.8	-------	157.2	----------	134.2	----------
KXB5302	151.8	---------	134.6	---------	148.8	----------	130.3	----	134.1	----------
KXB5304	145.9	-------	121.4	----	147.4	---------	127.9	----	124.3	------
KXB5305	154.2	----------	134.3	---------	144.9	---------	134.9	-----	132.4	----------
ES Scorpion	145.6	-------	139.8	----------	143.7	--------	123.9	---	124.8	------
Fabregas	127.7	-	125.3	------	116.9	-	122.1	---	120.3	----
LG 30.222	138.8	-----	127.7	------	141.2	--------	127.4	----	116.1	--
P 8057	140.2	-----	130.5	-------	136.9	-------	129.2	----	121.8	-----
SY Amboss	146.9	--------	136.1	---------	145.9	---------	122.5	---	133.9	----------
P7524	143.5	------	124.1	-----	140.3	--------	130.3	----	123.1	------
Lidano	136.2	----	116.8	---	126.0	----	121.1	--	116.0	--
Coditank	133.4	---	131.2	--------	128.3	----	113.6	-	112.3	-
-Bezugsgrösse(n)	142.8	------	140.0	----------	136.8	-------	126.4	----	122.3	-----
Versuchs-Mittel	142.7	------	127.1	------	136.8	-------	129.2	----	124.3	------
VK [%]	9.6		12.4		8.7		10.7		6.2	
KGD (5%)	8.1		ns		19.4		ns		12.6	
KGD (1%)	10.7		ns		25.8		ns		16.7	
Versuchs-Streuung	13.7		15.8		11.9		13.8		7.7	
FG Fehlerterm	403.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	26487.3	29	4.89	***	1.50	0.0000
Anbauorte	244295.9	7	186.90	***	2.03	0.0000
WW Verf.*Anb.Orte	48837.8	203	1.29	ns	1.22	
Fehler	75250.7	403				
Insgesamt	394871.7	642				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	150.7	----	112.4	-	149.1	------	167.4	---
DKC 3333	152.2	----	124.0	----	152.2	-------	181.8	------
SY Tribore	162.0	------	111.5	-	149.4	------	183.5	------
Kompetens	189.2	----------	131.5	------	142.6	-----	180.3	------
LG 31.211	146.4	---	117.6	---	157.2	--------	189.5	-------
Spyci CS	162.0	------	135.4	-------	138.2	---	187.7	-------
Farmezzo	185.8	----------	145.6	---------	146.4	-----	171.5	----
Karibous	162.7	------	114.5	--	152.7	-------	178.4	-----
EP2932	173.4	--------	122.0	----	131.7	--	175.7	-----
Ridley	179.5	---------	116.7	--	154.5	-------	174.1	----
Stacey	152.1	----	108.6	-	163.2	---------	168.1	---
MAS 13M	178.6	---------	135.3	-------	137.4	---	166.5	---
EQ3048	176.2	--------	136.5	-------	162.4	---------	173.2	----
SY Adrenic	173.5	--------	123.9	----	141.8	----	162.1	--
ES Amazing	188.4	----------	130.3	------	161.5	---------	182.9	------
Kwintus	179.8	---------	123.9	----	157.5	--------	178.2	-----
KXB6120	161.6	------	123.2	----	165.8	----------	189.6	-------
KXB5112	177.2	--------	112.5	--	157.7	--------	206.1	----------
KXB5127	183.0	---------	132.0	------	167.8	----------	194.9	--------
KXB5302	174.5	--------	150.1	----------	152.0	-------	190.3	-------
KXB5304	173.8	--------	127.4	-----	162.3	---------	182.8	------
KXB5305	186.0	----------	151.5	----------	162.2	---------	187.7	-------
ES Scorpion	183.1	---------	131.3	------	138.5	----	179.9	-----
Fabregas	138.8	-	116.3	--	126.5	-	155.2	-
LG 30.222	134.3	-	142.1	--------	153.7	-------	167.5	---
P 8057	159.9	-----	136.8	-------	144.8	-----	161.9	--
SY Amboss	174.8	--------	140.2	--------	149.8	------	171.9	----
P7524	163.0	------	130.5	------	148.6	------	188.5	-------
Lidano	144.3	--	113.5	--	161.7	---------	190.5	--------
Coditank	146.8	---	133.7	------	136.5	---	164.6	--
-Bezugsgrösse(n)	154.2	----	126.5	-----	147.7	------	188.6	-------
Versuchs-Mittel	167.1	-------	127.7	-----	150.9	-------	178.4	-----
VK [%]	11.0		11.9		8.8		7.9	
KGD (5%)	ns		ns		21.8		23.1	
KGD (1%)	ns		ns		ns		ns	
Versuchs-Streuung	18.6		15.3		13.4		14.2	
FG Fehlerterm	28.0		29.0		56.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Posieux		3065 Habstetten	
Schobbi CS	69.4	-	62.5	----	59.8	-	74.0	------	63.1	----
DKC 3333	72.6	---	58.2	--	68.7	----	73.3	------	67.2	------
SY Tribore	71.5	--	63.7	-----	67.5	----	70.9	-----	57.0	-
Kompetens	76.6	------	71.4	--------	67.3	----	73.7	------	65.3	-----
LG 31.211	76.6	------	73.6	---------	79.5	--------	69.5	----	66.9	------
Spyci CS	75.3	-----	78.4	----------	74.6	------	66.6	----	62.7	----
Farmezzo	75.1	-----	56.0	-	73.8	------	63.3	--	68.2	-------
Karibous	75.6	-----	60.3	---	79.8	--------	69.5	----	68.3	-------
EP2932	74.9	-----	71.7	--------	76.8	-------	70.1	-----	66.1	------
Ridley	74.9	-----	59.2	---	77.7	--------	70.2	-----	70.0	--------
Stacey	71.9	---	53.9	-	76.6	-------	66.6	----	63.1	----
MAS 13M	74.6	----	73.4	---------	74.5	------	67.8	----	63.1	----
EQ3048	79.2	-------	63.6	-----	81.3	---------	70.0	-----	72.9	---------
SY Adrenic	74.7	----	72.6	--------	70.0	-----	66.3	---	67.7	------
ES Amazing	78.0	-------	69.6	-------	82.2	---------	67.2	----	57.7	-
Kwintus	73.4	----	56.7	--	77.2	-------	62.7	--	71.2	--------
KXB6120	76.4	------	65.4	-----	81.2	---------	74.1	------	70.7	--------
KXB5112	83.1	----------	68.3	------	84.6	----------	88.4	----------	69.5	-------
KXB5127	82.3	----------	75.5	---------	73.5	------	84.0	---------	75.6	----------
KXB5302	81.5	---------	73.9	---------	82.4	----------	67.4	----	73.3	---------
KXB5304	79.3	--------	66.7	------	85.1	----------	69.3	----	66.5	------
KXB5305	83.9	----------	73.9	---------	82.0	---------	72.6	-----	70.3	--------
ES Scorpion	73.9	----	77.3	----------	74.5	------	59.2	-	63.0	----
Fabregas	68.9	-	69.2	-------	66.8	---	65.3	---	64.2	----
LG 30.222	72.0	---	65.8	-----	76.6	-------	66.7	----	59.3	--
P 8057	73.9	----	69.6	-------	74.4	------	68.0	----	62.9	----
SY Amboss	78.4	-------	75.3	---------	78.3	--------	63.7	---	69.6	-------
P7524	73.5	----	66.2	------	75.0	-------	67.1	----	63.3	----
Lidano	72.3	---	63.1	----	69.9	-----	63.6	---	60.6	---
Coditank	71.4	--	68.5	-------	74.0	------	57.5	-	61.0	---
-Bezugsgrösse(n)	76.0	-----	76.0	----------	77.0	-------	68.0	----	64.8	-----
Versuchs-Mittel	75.5	-----	67.5	------	75.5	-------	69.0	----	66.0	-----
VK [%]	12.3		16.0		12.2		12.3		9.0	
KGD (5%)	5.5		ns		ns		ns		9.7	
KGD (1%)	7.2		ns		ns		ns		ns	
Versuchs-Streuung	9.3		10.8		9.2		8.5		5.9	
FG Fehlerterm	403.0		58.0		58.0		58.0		58.0	
Anz. Beob.	22.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	9409.2	29	3.78	***	1.50	0.0001
Anbauorte	62444.9	7	103.92	***	2.03	0.0000
WW Verf.*Anb.Orte	21046.0	203	1.21	ns	1.22	
Fehler	34595.7	403				
Insgesamt	127495.8	642				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Schobbi CS	80.2	---	61.1	--	71.6	------	83.3	--
DKC 3333	81.3	----	69.6	-----	70.6	-----	91.9	-----
SY Tribore	87.8	-----	57.6	-	74.0	------	93.4	-----
Kompetens	107.0	----------	72.3	------	65.6	---	90.1	----
LG 31.211	84.9	-----	67.4	----	77.2	--------	94.0	-----
Spyci CS	88.9	------	74.4	-------	59.0	-	98.2	-------
Farmezzo	106.0	----------	79.2	---------	71.3	-----	83.0	--
Karibous	92.8	-------	63.8	---	73.2	------	97.5	-------
EP2932	100.0	---------	62.9	---	61.6	--	89.9	----
Ridley	97.1	--------	62.3	--	76.2	-------	86.5	---
Stacey	88.4	------	59.1	-	78.6	--------	89.0	----
MAS 13M	96.3	--------	69.9	-----	66.6	----	84.8	---
EQ3048	97.3	--------	74.3	-------	84.7	----------	89.5	----
SY Adrenic	99.3	---------	68.1	----	72.3	------	81.4	--
ES Amazing	104.4	----------	68.6	-----	81.5	---------	92.9	-----
Kwintus	91.6	------	67.1	----	74.4	-------	86.6	---
KXB6120	82.2	----	61.8	--	80.3	---------	95.5	------
KXB5112	101.3	---------	64.4	---	77.2	--------	111.0	----------
KXB5127	94.5	-------	71.7	------	84.0	----------	99.7	-------
KXB5302	95.7	--------	81.6	---------	76.1	-------	101.4	--------
KXB5304	95.8	--------	69.4	-----	81.0	---------	100.7	--------
KXB5305	101.1	---------	84.6	----------	82.4	----------	104.1	---------
ES Scorpion	94.4	-------	66.5	----	69.5	-----	87.0	---
Fabregas	77.2	---	67.1	----	63.6	--	77.8	-
LG 30.222	69.5	-	79.6	---------	72.2	------	86.3	---
P 8057	82.2	----	75.8	-------	69.2	-----	88.8	----
SY Amboss	97.1	--------	77.8	--------	74.3	-------	90.7	----
P7524	83.9	----	72.5	------	65.7	---	94.1	-----
Lidano	78.2	---	59.3	-	80.6	---------	103.1	--------
Coditank	79.4	---	74.3	-------	69.2	-----	87.7	----
-Bezugsgrösse(n)	86.9	-----	70.9	------	68.1	----	96.1	------
Versuchs-Mittel	91.2	------	69.5	-----	73.5	------	92.0	-----
VK [%]	14.1		14.0		12.2		9.9	
KGD (5%)	ns		ns		ns		14.9	
KGD (1%)	ns		ns		ns		ns	
Versuchs-Streuung	13.0		9.7		8.9		9.1	
FG Fehlerterm	28.0		29.0		56.0		58.0	
Anz. Beob.	2.0		2.0		3.0		3.0	

3.2 Serie mittelfrüh / série mi-précoce

3.2.1 Standortangaben

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	Saattermin / date de semis	Erntetermin / date de récolte
1260	Nyon	430	4.5.16	7.9.16
1567	Delley	514	18.5.16	21.9.16
1725	Grangeneuve (Posieux)	650	21.5.16	12.10.16 – nicht für Auswertung berücksichtigt / ne pas considéré pour les misent en valeur
3065	Habstetten	680	10.5.16	10.10.16
5643	Alikon	475	7.5.16	23.9.16
8046	Reckenholz	440	5.5.16	16.9.16
8193	Eglisau	390	10.5.16	3.10.16
8566	Ellighausen	517	11.5.16	4.10.16

3.2.2 Sorten / Status

Name	Synonym	Hybrid Typ	Züchter	Vertreter	KM	SM
Colisee	KXA 9306	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/S
ES Albatros	ES Albatros	SC	Euralis, F	Euralis	KM11/S	SM11/S
Juvento	KXB2329	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/S
SY Talisman	SA1002	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/S	SM11/S
Gottardo KWS	KXB1157	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/T	SM11/S
DKC 3531	EL3445	SC	Monsanto	Monsanto, Morges		SM11/S
Cranberri CS	CSM3168	TC	Caussade	Fenaco, Moudon		SM11/e2
Genialis KWS	KXB3014	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e2
Benedictio	KXB4138	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e2	SM11/e2
Havelio KWS	KXB4303	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e2
SY Telias	SC1153	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/e2	SM11/e2
ES Metronom	ESZ2202	SC	Euralis, F		KM11/e2	SM11/e2
LZM263/77	LZM263/77	TC	Limagrain / Europe	Fenaco, Moudon		SM11/e1
LZM265/32	LZM265/32	SC	Limagrain / Europe	Fenaco, Moudon		SM11/e1
LZM265/34	LZM265/34	SC	Limagrain / Europe	Fenaco, Moudon		SM11/e1
LZM265/52	LZM265/52	SC	Limagrain / Europe	Fenaco, Moudon		SM11/e1
SM E0342	SM E0342	SC	Saatzucht Moreau	Samen Steffen		SM11/e1
Aga Gold		SC	agaSaat GmbH &	Schweizer, Thun		SM11/e1
Vitally		SC	agaSaat GmbH &	Schweizer, Thun		SM11/e1
Aga Einstein		SC	agaSaat GmbH &	Schweizer, Thun		SM11/e1
GL Primavera		SC	Saatzucht Gleisdorf	Schweizer, Thun		SM11/e1
SM Prezent	SMH35213	TC	HR Smolice Sp. Z	Samen Steffen		SM11/e1
Oxanna		TC	Saatzucht Moreau	Schweizer, Thun		SM11/e1
Smolidar	SMH34713		HR Smolice Sp. Z	Samen Steffen	KM11/e1	SM11/e1
DFI44744	DFI44744	SC	DSP, Delley	DSP, Delley		SM11/1.
EQ2942	EQ2942	SC	Monsanto, USA	Monsanto, Morges		SM11/e1
ES Crossman	ESZ2105	SC	Euralis, F		KM01/e1	SM11/e1
Rigoletto	SL12222	SC	Saatbau Linz, A			SM11/e1
Corfinio KWS	KXB3151	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e1
Amaroc	KXB4136	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e1
KXB5303	KXB5303	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e1
KXB5325	KXB5325	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM11/e1
Ricardinio	KXA 6123	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/S	SM11/T
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
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
DKC 3440	EM3451	SC	Monsanto, USA	Monsanto, Morges		SM11/T
P8200	X75B142	SC	Pioneer	Pioneer, Manno		SM11/T
Xxilo	RH09086	TC	RAGT, Rodez	Fenaco, Moudon		SM11/T

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

Technische Versuchsangaben / données techniques / technical information							
Standort / lieu / site:	Nyon (430 m ü.M.)	Delley (500 m ü.M.) Genevey 2	Habstetten (680 m ü.M.)	Alikon (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	sandiger Lehm	Schwach humoser Schlufflehm, pH 7.2	tiefgründige Braunerde	sehr tiefgründige Kalbraunerde / Parabraunerde, schwach humos	pH 7.5; Lehm
Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):	342 mm 1521 °C	364.8 mm 1590.8 °C	366 mm 1648 °C	-	556 mm 1597 °C	-	581 mm 1565 °C
Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen /blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzellengrösse / grandeur d'une parcelle / plot size:	4reihig, mit 0.8m Weg (22.4m2 brutto), 10m2 netto	Semé: 17 m2 per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs Récolté: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	15 m2 pro Parzelle brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto
Vorfrucht / précédent cultural / previous crop:	tournesol	Soja	Mais / maïs	Zuckerrüben	versch. Wintergetreide + Zwischenbegrünung / divers céréales + dérobé / various cereals + temporary grassland	Winterweizen	Raps + Zwischenfutter (Erbs-Wick-Hafer)
Bodenbearbeitung / travail du sol / soil cultivation:	cultivateur 03 mai ; herse rotative 04 mai	labour, herse rotative	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Grubber (5.5.16) und Kreiselegge (6.5.16) / cultivateur et herse rotative / chisel and rotary harrow	Pflug / charrue / plough (21.10.15); Kreiselegge / herse rotative / rotary harrow (5.5.16)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug / charrue / plough (18.12.15); Federzahnegge / herse / harrow
Saat / date de semis / sowing date:	04.05.2016	18.05.2016	10.05.2016	07.05.2016	05.05.2016	10.05.2016	11.05.2016
Ernte / date de récolte / harvest date:	07.09.2016	21.09.16	10.10.2016	23.09.2016	16.09.2016	03.10.2016	04.10.2016
Saatdichte / densité de semis / sowing density:	10.0 Körner / grains pro m2	Semis: 10.8 grains pro m2, éclaircit à 10 plantes/m2	10.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2

	Nyon (430 m ü.M.)	Grangeneuve (650 m ü.M.)	Delley (500 m ü.M.) Genevey 2	Habstetten (680 m ü.M.)	Alikon (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	126 Tage / jours / days	144 Tage / jours / days	126 jours	153 Tage / jours / days	139 Tage / jours / days	134 Tage / jours / days	146 Tage / jours / days	146 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:	-	-	non	-	-	1 x hacken Nach-auflauf zwischen den Reihen / sarclage (après la levée) entre les lignées / hoeing after emergence in between rows (23.6.16)	keine / rien / nothing	-
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Nettoyage parcelle Roundup 28 04 0.5 l/ ha Banvel 4 S+1,25l/ha Dual Gold, 1,3 l/ ha Elumis (06 06 2016)	10.06.2016: Equip Power, 1.5lt/ha	1.3l/ha Elumis + 4l/ha Gardo Gold	Calaris 1.5l/ha, Dual Gold 1.2l/ha Nicogan 1 l/ha (07.06.16)	Arigo TM 0.3 kg/ha, Dual Gold 0.5l/ha, Banvel 4 S 0,5l/ha (07.06.2016)	Aspect 1.5 l/ha, Laudis 1.5l/ha (24.6.16)	Garda Gold 4l/ha, Calisto 0.8l/ha, MaisNico 0.7l/ha (7.6.16)	Gardo Gold 4l/ha + Callisto 0.75l/ha + Banvel 4S 0.5l/ha (12.6.16)
Grunddüngung / fumure de base / basic fertilisation:	50 t ha compost 17.5 N 200 P 285 K 155 Mg mars 2016	-	Landor 0-20-30 300kg/ha	120kg K / ha, 57.6kg P / ha	25 m3/ha (29.4.16, Schweinegülle), 30 m3/ha (23.6.16, Schweinegülle)	Stapelmist Rindvieh 10t/ha (19.10.15); Kompost 30t/ha (20.10.15)	Mist 30 m3/ha	15 t/ha Stapelmist (Herbst 2015)
N-Düngung / fumure N / N fertilisation:	220 kg /ha nitrate ammoniaque 27.5 % 2.5 % Mg (59.4 N-0-0-5.5Mg) 10 05 130 kg /ha Urée perlée 59.9 N 23 06	24.06.2016: Urée (46%) 2.0kg/are	17.05.16: Landor Sulfonitrate 26% 80U ; 04.07.16: Urée granulée 46% 76U	45.9 kg / ha (21.5.16, Ammonsalpeter 27%); 82.8kg N/ha (24.06.16, Harnstoff 46%)	Harnstoff : 06. Mai 16 = 70 kg / ha , 07.Juni 16 = 130 kg / ha	60kg N /ha, 12.5kg Mg /ha (23.6.16, Mg Ammonsalpeter), 46kg N /ha (23.6.16, Harnstoff) zur Reihe / près de la ligne / to the row	Harnstoff 46%: 60 kg N/ha (30.05.16), Harnstoff 46%: 92 kg N/ha (24.06.2016)	40kg N/ha (4.6.16, Ammonsalpeter); 65kg N/ha (22.6.16, Harnstoff)
N-Mineralisierung zu Vegetationsbeginn / minéralisation azote au début de la saison / N mineralisation at the beginning of the vegetation period:	-	-	inconnu	-	-	nach der Ernte 64 kg N/ha (0-90 cm)	-	-
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse		Ensileuse experimentale	Baural Maishäcksler / ensileuse	New Holland Versuchsmaishäcksler			

Sorte	Status	VOS	Ertrag	Reife	Jugend-entwi.	Wurzellag. Veg.	Wurzellag. Ernte	Stängelbr. Ernte	Beulen-brand	Oekon. Index	Agron. Index	Gesamt-index
Amaroc	e1	0.99	7.32	2.10	0.11	0.00	0.00	0.00	-0.04	8.31	2.17	10.48
LG 30.248	T	6.93	-0.08	-0.07	-0.21	0.00	-0.45	0.00	0.02	6.85	-0.71	6.14
Havelio KWS	e2	4.40	-1.51	1.52	0.07	0.00	0.00	0.00	-0.05	2.89	1.54	4.43
SY Telias	e2	3.15	1.12	-0.75	-0.11	-0.15	0.00	-0.45	0.02	4.27	-1.44	2.83
Benedictio KWS	e2	2.31	-0.72	1.01	0.06	0.00	0.00	0.00	0.06	1.60	1.12	2.72
LZM263/77	e1	5.92	-2.78	-0.43	0.00	0.00	0.00	0.00	-0.12	3.15	-0.55	2.60
LZM265/34	e1	-0.76	0.97	2.30	-0.19	0.00	0.00	0.00	-0.18	0.21	1.92	2.13
LZM265/32	e1	-3.04	2.70	1.84	-0.24	0.00	-0.45	0.00	-0.05	-0.34	1.10	0.75
Corfinio KWS	e1	-0.50	-0.69	1.79	0.04	0.00	0.00	0.00	0.06	-1.19	1.89	0.70
ES Albatros	S	-0.98	3.07	-1.65	-0.09	0.00	0.00	0.00	0.03	2.09	-1.71	0.38
Xxilo	T	1.22	-0.90	-0.06	0.11	0.00	0.00	0.00	-0.01	0.32	0.04	0.36
Juvento	S	0.98	-3.07	1.65	0.09	0.00	0.00	0.00	-0.03	-2.09	1.71	-0.38
Genialis KWS	e2	2.56	-3.04	0.16	-0.15	0.00	0.00	0.00	0.05	-0.47	0.05	-0.42
DKC 3531	S	5.60	-5.60	-0.35	-0.08	0.00	0.00	0.00	0.00	0.00	-0.43	-0.42
LG 30.218	T	5.01	-6.53	0.51	-0.14	0.00	0.00	0.00	0.01	-1.52	0.38	-1.14
KXB5325	e1	-2.40	1.05	0.17	-0.18	0.00	0.00	0.00	0.00	-1.35	-0.01	-1.36
KXB5303	e1	2.70	-4.03	0.43	-0.09	0.00	0.00	-0.45	-0.21	-1.33	-0.32	-1.65
Gottardo KWS	S	-0.70	-1.70	0.81	-0.15	0.00	0.00	0.00	-0.02	-2.40	0.65	-1.75
Aga Einstein	e1	-4.45	2.90	-0.27	0.26	-0.15	0.00	0.00	-0.17	-1.55	-0.33	-1.88
ES Crossman	e1	1.24	-1.08	-1.97	-0.23	-0.15	0.00	0.00	0.04	0.16	-2.30	-2.14
Millesim	T	6.25	-8.03	0.21	-0.16	0.00	0.00	-0.45	-0.16	-1.78	-0.55	-2.33
SM E0342	e1	-3.57	1.16	-0.17	0.17	0.00	0.00	0.00	0.03	-2.41	0.03	-2.37
P8200	T	-3.63	1.75	-0.25	-0.24	0.00	0.00	0.00	-0.14	-1.88	-0.63	-2.50
Colisee	S	0.78	-5.02	1.58	-0.04	0.00	0.00	0.00	-0.02	-4.24	1.53	-2.71
LZM265/52	e1	-2.15	-3.44	2.81	-0.08	0.00	0.00	0.00	0.02	-5.59	2.75	-2.84
Ricardinio	T	1.74	-2.55	-1.86	-0.14	0.00	0.00	0.00	-0.11	-0.80	-2.10	-2.90
Cranberri CS	e2	1.46	-5.74	1.51	-0.03	0.00	0.00	-0.89	-0.06	-4.28	0.52	-3.76
ES Metronom	e2	0.61	-0.77	-3.11	-0.27	0.00	0.00	0.00	-0.39	-0.16	-3.77	-3.92
EQ2942	e1	-6.53	0.96	1.54	-0.03	0.00	0.00	0.00	0.04	-5.58	1.55	-4.03
DFI44744	1.00	-1.28	-1.31	-2.29	0.27	-0.45	0.00	0.00	-0.23	-2.59	-2.69	-5.28
LG 30.215	T	0.43	-6.30	0.30	0.03	0.00	0.00	0.00	-0.03	-5.87	0.30	-5.58
DKC 3440	T	2.19	-7.95	0.13	-0.24	0.00	0.00	-0.45	0.06	-5.76	-0.50	-6.26
SY Talisman	S	4.30	-11.60	1.12	-0.37	0.00	0.00	0.00	-0.04	-7.30	0.71	-6.59
Rigoletto	e1	-0.10	-5.58	-1.95	0.08	0.00	0.00	0.00	-0.19	-5.68	-2.06	-7.74
SM Smolidar	e1	-6.14	-2.56	-0.08	-0.22	0.00	0.00	-0.45	-0.12	-8.71	-0.86	-9.57
Vitally	e1	-3.83	-6.53	-0.30	-0.27	0.00	0.00	-0.45	0.02	-10.36	-1.00	-11.36
SM Prezent	e1	-7.79	-3.08	-0.40	-0.03	0.00	0.00	0.00	-0.10	-10.87	-0.53	-11.40
Aga Gold	e1	-3.42	-9.52	-0.54	-0.12	0.00	0.00	0.00	-0.24	-12.94	-0.90	-13.84
GL Primavera	e1	-6.46	-7.76	-0.19	-0.10	0.00	0.00	0.00	-0.17	-14.22	-0.46	-14.68
Oxanna	e1	-2.83	-9.54	-2.64	-0.19	0.00	0.00	0.00	-0.20	-12.37	-3.03	-15.41
Bezugsgrösse(n)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anz. Beob.		19	16	16	19	3	3	3	11			
Anz. Orte		7	6	6	7	1	1	1	4			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.2.5 Zusammenfassung / résumé

Sorten Bezeichnung	Jugend entwicklg Note	allg. Eindruck Note	Helmin. thosp. Note	Pflanzen hoehe cm	Kolben ansatz hoehe cm	VOS g/kg TS g.Pfl. NIR	Staerke g/kg TS g.Pfl. NIR	Rohfaser g/kg TS NIR
Colisee	3.5	4.0	1.2	260	118	703.5	378	163
ES Albatros	3.6	4.0	1.1	269	124	699.0	347	173
Juvento	3.2	4.7	1.1	253	112	704.0	366	163
SY Talisman	4.2	3.0	1.1	255	111	712.2	384	160
Gottardo KWS	3.7	4.3	1.5	263	112	699.8	374	167
DKC 3531	3.6	1.3	1.3	250	106	715.5	360	166
Cranberri CS	3.5	3.0	1.3	253	108	705.1	374	165
Genialis KWS	3.7	3.0	1.4	244	108	707.9	381	161
Benedictio KWS	3.3	3.7	1.5	262	129	707.3	367	165
Havelio KWS	3.3	4.3	1.2	258	119	712.5	383	159
SY Telias	3.6	2.7	1.4	256	118	709.4	384	161
ES Metronom	4.0	4.0	1.1	275	119	703.0	374	160
LZM263/77	3.4	4.0	1.3	248	108	716.3	373	162
LZM265/32	3.9	4.0	1.2	273	133	693.9	360	172
LZM265/34	3.8	5.0	1.1	276	123	699.6	360	169
LZM265/52	3.6	5.0	1.4	270	120	696.1	357	171
SM E0342	3.1	3.3	1.1	264	131	692.6	366	167
Aga Gold	3.7	4.0	1.8	244	105	693.0	362	165
Vitally	4.0	3.7	1.5	244	114	691.9	373	165
Aga Einstein	2.9	2.3	1.1	263	119	690.4	377	165
GL Primavera	3.6	2.7	1.3	265	126	685.4	362	170
SM Prezent	3.5	4.7	1.4	263	129	682.0	369	167
Oxanna	3.8	5.7	1.3	258	118	694.4	358	167
SM Smolidar	3.9	3.7	1.3	262	128	686.1	364	170
DFI44744	2.9	4.3	1.3	283	116	698.3	350	169
EQ2942	3.5	1.7	1.0	248	109	685.2	359	178
ES Crossman	3.9	3.7	1.2	283	126	704.6	379	163
Rigoletto	3.3	2.3	1.6	275	126	701.2	368	168
Corfinio KWS	3.3	2.7	1.2	277	138	700.2	362	171
Amaroc	3.2	3.3	1.1	278	135	704.0	370	167
KXB5303	3.6	4.0	1.5	258	115	708.2	385	159
KXB5325	3.8	3.7	1.4	259	125	695.5	376	166
Ricardinio	3.7	3.3	1.3	276	128	705.9	366	164
LG 30.218	3.7	3.3	1.2	236	102	714.0	374	165
Millesim	3.7	4.7	1.6	249	106	717.1	396	154
LG 30.248	3.8	4.3	1.2	259	114	718.8	363	163
LG 30.215	3.4	3.3	1.2	264	113	702.6	375	168
DKC 3440	3.9	1.7	1.5	250	104	707.0	373	166
P8200	3.9	3.7	1.1	269	124	692.4	362	172
Xxilo	3.2	4.7	1.1	268	125	704.5	377	163
Bezugsgrösse(n)	3.4	4.3	1.1	261	118	701.5	356	168
Versuchs-Mittel	3.6	3.6	1.3	261	119	701.5	370	166
VK [%]	25.1	29.3	23.1	5	8	2.3	6	7
KGD (5%)	0.6	1.7	0.4	10	8	10.1	14	7

KGD (1%)	0.7	2.3	0.5	13	10	13.2	19	9
Versuchs-Streuung	0.9	1.1	0.3	13	10	16.2	23	11
FG Fehlerterm	468.0	78.0	117.0	273	273	467.0	467	467
Anz. Beob.	20.0	3.0	5.0	12	12	20.0	20	20
Anz. Orte	7.0	1.0	2.0	4	4	7.0	7	7
Minimum	2.9	1.3	1.0	236	102	682.0	347	154
Maximum	4.2	5.7	1.8	283	138	718.8	396	178

Sorten	**NDF**	**Rohprot.**	**Ertrag**	**TS-**	**TS-Gehalt**	**Wurzel**	**Wurzel**	**Steng.**	**Beulen**
Bezeichnung	**g/kg TS NIR**	**g/kg TS NIR**	**g.Pfl. frisch dt/ha**	**Ertrag g.Pfl. dt/ha**	**g.Pfl. %**	**lager Veg. %**	**lager Ernte %**	**bruch Ernte %**	**brand %**
Colisee	350	65	518.2	207.7	39.9	0.0	0.0	0.0	0.5
ES Albatros	361	65	600.7	226.6	36.9	0.0	0.0	0.0	0.2
Juvento	348	67	525.5	212.3	40.0	0.0	0.0	0.0	0.6
SY Talisman	350	60	493.1	192.3	39.5	0.0	0.0	0.0	0.7
Gottardo KWS	360	60	543.4	215.4	39.2	0.0	0.0	0.0	0.5
DKC 3531	350	65	550.9	206.3	38.1	0.0	0.0	0.0	0.4
Cranberri CS	356	64	523.6	206.0	39.8	0.0	0.0	8.3	0.9
Genialis KWS	345	66	547.8	212.3	38.6	0.0	0.0	0.0	0.1
Benedictio KWS	351	63	559.6	217.7	39.4	0.0	0.0	0.0	0.0
Havelio KWS	344	64	541.5	215.9	39.9	0.0	0.0	0.0	0.8
SY Telias	345	63	584.3	222.0	37.7	4.2	0.0	4.2	0.3
ES Metronom	348	66	612.2	217.6	35.5	0.0	0.0	0.0	3.2
LZM263/77	360	60	558.2	212.9	38.0	0.0	0.0	0.0	1.2
LZM265/32	376	61	572.5	225.7	40.2	0.0	4.2	0.0	0.8
LZM265/34	370	63	547.0	221.7	40.6	0.0	0.0	0.0	1.7
LZM265/52	371	60	525.8	211.4	41.1	0.0	0.0	0.0	0.3
SM E0342	362	65	588.5	222.1	38.3	0.0	0.0	0.0	0.2
Aga Gold	361	67	520.1	197.2	37.9	0.0	0.0	0.0	2.1
Vitally	344	63	531.0	204.2	38.2	0.0	0.0	4.2	0.3
Aga Einstein	355	61	598.8	226.2	38.2	4.2	0.0	0.0	1.6
GL Primavera	362	61	540.6	201.3	38.3	0.0	0.0	0.0	1.6
SM Prezent	359	66	559.3	212.2	38.1	0.0	0.0	0.0	1.1
Oxanna	349	71	544.3	197.1	36.0	0.0	0.0	0.0	1.8
SM Smolidar	357	66	562.5	213.4	38.4	0.0	0.0	4.2	1.2
DFI44744	362	65	594.1	216.4	36.3	12.5	0.0	0.0	2.0
EQ2942	374	60	555.8	221.6	39.9	0.0	0.0	0.0	0.2
ES Crossman	347	65	598.7	216.9	36.6	4.2	0.0	0.0	0.1
Rigoletto	368	62	578.2	206.4	36.6	0.0	0.0	0.0	1.8
Corfinio KWS	365	59	555.8	217.8	40.1	0.0	0.0	0.0	0.0
Amaroc	361	59	588.9	236.5	40.4	0.0	0.0	0.0	0.7
KXB5303	349	63	539.6	210.0	38.8	0.0	0.0	4.2	1.9
KXB5325	357	64	573.4	221.9	38.6	0.0	0.0	0.0	0.4
Ricardinio	358	67	575.6	213.5	36.7	0.0	0.0	0.0	1.2
LG 30.218	357	62	517.8	204.2	38.9	0.0	0.0	0.0	0.4
Millesim	335	68	522.3	200.7	38.6	0.0	0.0	4.2	1.5
LG 30.248	356	65	569.7	219.2	38.4	0.0	4.2	0.0	0.3
LG 30.215	351	67	529.2	204.7	38.7	0.0	0.0	0.0	0.6
DKC 3440	358	63	525.7	200.9	38.6	0.0	0.0	4.2	0.0

P8200	365	65	581.6	223.5	38.2	0.0	0.0	0.0	1.4
Xxilo	361	63	568.8	217.3	38.4	0.0	0.0	0.0	0.5
Bezugsgrösse(n)	354	66	563.1	219.4	38.4	0.0	0.0	0.0	0.4
Versuchs-Mittel	357	64	555.6	213.2	38.5	0.6	0.2	0.8	0.9
VK [%]	5	5	10.1	9.0	5.7	616.0	779.5	364.3	235.8
KGD (5%)	12	2	34.8	12.9	1.5				
KGD (1%)	16	3	45.7	17.0	2.0				
Versuchs-Streuung	19	3	55.9	19.2	2.2	3.9	1.6	3.0	2.1
FG Fehlerterm	467	467	468.0	390.0	390.0	78.0	78.0	78.0	273.0
Anz. Beob.	20	20	20.0	17.0	17.0	3.0	3.0	3.0	11.0
Anz. Orte	7	7	7.0	6.0	6.0	1.0	1.0	1.0	4.0
Minimum	335	59	493.1	192.3	35.5	0.0	0.0	0.0	0.0
Maximum	376	71	612.2	236.5	41.1	12.5	4.2	8.3	3.2

Sorten Bezeichnung	**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**
Colisee	9.4	45	78	6.4	6.6	145.7	78.2
ES Albatros	9.2	46	81	6.3	6.5	157.8	78.5
Juvento	9.4	44	78	6.4	6.6	148.9	76.3
SY Talisman	9.5	43	82	6.5	6.7	137.0	74.0
Gottardo KWS	9.0	43	80	6.3	6.5	151.0	80.2
DKC 3531	9.2	42	80	6.5	6.7	147.6	73.3
Cranberri CS	9.6	43	79	6.4	6.6	145.9	77.1
Genialis KWS	9.4	44	81	6.4	6.6	150.8	81.4
Benedictio KWS	9.5	49	81	6.4	6.6	154.1	79.9
Havelio KWS	9.4	46	79	6.5	6.7	153.8	82.3
SY Telias	9.3	46	81	6.4	6.6	158.0	84.9
ES Metronom	9.4	43	80	6.4	6.6	153.6	81.2
LZM263/77	9.5	43	79	6.5	6.7	152.4	78.5
LZM265/32	9.6	48	81	6.3	6.4	157.5	81.7
LZM265/34	9.7	45	79	6.3	6.5	155.5	79.6
LZM265/52	9.4	44	80	6.3	6.5	147.2	74.4
SM E0342	9.5	50	82	6.3	6.4	153.5	80.6
Aga Gold	9.2	43	78	6.3	6.4	136.7	71.1
Vitally	9.4	46	80	6.3	6.4	141.5	75.6
Aga Einstein	9.2	45	81	6.2	6.4	156.2	85.3
GL Primavera	9.1	47	81	6.2	6.3	138.1	72.9
SM Prezent	9.2	49	80	6.2	6.2	144.8	77.5
Oxanna	9.3	46	79	6.3	6.4	136.6	69.5
SM Smolidar	9.3	49	81	6.2	6.3	146.8	77.6
DFI44744	9.6	41	80	6.3	6.5	150.9	74.4
EQ2942	9.5	44	82	6.2	6.3	151.3	78.5
ES Crossman	9.0	45	80	6.4	6.6	153.1	82.0
Rigoletto	9.2	46	81	6.4	6.5	144.9	75.6
Corfinio KWS	9.6	50	81	6.3	6.5	152.9	79.5
Amaroc	9.7	49	82	6.4	6.6	166.4	87.0

KXB5303	9.5	45	78	6.4	6.6	148.3	80.0
KXB5325	9.6	48	81	6.3	6.4	154.9	83.7
Ricardinio	9.5	46	79	6.4	6.6	150.2	77.1
LG 30.218	9.4	43	79	6.5	6.7	146.2	75.9
Millesim	9.4	42	78	6.5	6.8	143.6	78.4
LG 30.248	9.1	44	80	6.6	6.8	157.9	78.9
LG 30.215	9.4	43	79	6.4	6.5	144.2	75.5
DKC 3440	9.3	42	81	6.4	6.6	141.6	74.0
P8200	9.5	46	81	6.3	6.4	154.9	79.9
Xxilo	9.4	47	79	6.4	6.6	152.7	80.9
Bezugsgrösse(n)	9.3	45	79	6.4	6.5	153.3	77.4
Versuchs-Mittel	9.4	45	80	6.4	6.5	149.6	78.3
VK [%]	4.8	8	2	2.8	3.6	9.7	11.8
KGD (5%)	0.3	3	1	0.1	0.1	9.8	6.2
KGD (1%)	0.4	4	1	0.1	0.2	12.9	8.2
Versuchs-Streuung	0.4	4	1	0.2	0.2	14.5	9.2
FG Fehlerterm	468.0	273	273	467.0	467.0	389.0	389.0
Anz. Beob.	20.0	12	12	20.0	20.0	17.0	17.0
Anz. Orte	7.0	4	4	7.0	7.0	6.0	6.0
Minimum	9.0	41	78	6.2	6.2	136.6	69.5
Maximum	9.7	50	82	6.6	6.8	166.4	87.0

3.2.6 Details

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	3.5	-----	3.0	------	4.3	------	3.7	--------	5.0	----
ES Albatros	3.6	------	3.0	------	3.0	---	3.3	------	6.0	-------
Juvento	3.2	---	3.0	------	3.3	----	3.7	--------	4.0	--
SY Talisman	4.2	----------	3.0	------	6.3	----------	3.0	---	6.5	--------
Gottardo KWS	3.7	-------	3.0	------	4.7	-------	3.0	---	5.5	------
DKC 3531	3.6	------	2.5	-	4.3	------	3.0	---	5.0	----
Cranberri CS	3.5	-----	2.5	-	3.7	-----	2.7	-	5.5	------
Genialis KWS	3.7	-------	3.0	------	4.7	-------	3.0	---	5.5	------
Benedictio KWS	3.3	----	3.0	------	2.3	--	3.3	------	6.0	-------
Havelio KWS	3.3	----	3.0	------	3.3	----	3.0	---	5.0	----
SY Telias	3.6	-------	3.0	------	5.0	--------	2.7	-	6.5	--------
ES Metronom	4.0	---------	2.5	-	5.0	--------	3.7	--------	6.5	--------
LZM263/77	3.4	-----	3.0	------	4.0	------	2.7	-	5.0	----
LZM265/32	3.9	---------	2.5	-	4.0	------	3.3	------	6.0	-------
LZM265/34	3.8	--------	3.5	----------	6.0	----------	2.7	-	5.5	------
LZM265/52	3.6	------	3.0	------	4.0	------	3.0	---	6.0	-------
SM E0342	3.1	--	2.5	-	3.0	---	3.0	---	4.0	--
Aga Gold	3.7	-------	3.0	------	3.0	---	3.7	--------	5.0	----
Vitally	4.0	---------	3.5	----------	4.7	-------	3.0	---	6.0	-------
Aga Einstein	2.9	-	3.0	------	3.0	---	3.3	------	3.5	-
GL Primavera	3.6	------	3.0	------	2.7	---	3.0	---	6.0	-------
SM Prezent	3.5	-----	3.0	------	2.7	---	2.7	-	6.5	--------
Oxanna	3.8	--------	3.0	------	4.3	------	3.3	------	5.0	----
Smolidar	3.9	--------	3.0	------	4.0	------	3.0	---	6.0	-------
DFI44744	2.9	-	2.5	-	3.0	---	2.7	-	4.0	--
EQ2942	3.5	-----	2.5	-	4.7	-------	3.3	------	4.0	--
ES Crossman	3.9	--------	3.0	------	3.7	-----	4.0	----------	6.5	--------
Rigoletto	3.3	----	2.5	-	4.0	------	3.0	---	5.5	------
Corfinio KWS	3.3	----	3.0	------	2.3	--	3.7	--------	6.0	-------
Amaroc	3.2	---	2.5	-	3.0	---	3.0	---	5.5	------

KXB5303	3.6	------	3.0	------	2.7	---	3.7	--------	6.0	-------
KXB5325	3.8	--------	3.0	------	4.7	-------	3.3	------	6.0	-------
Ricardinio	3.7	-------	3.0	------	5.0	--------	3.3	------	4.5	---
LG 30.218	3.7	-------	3.0	------	2.3	--	3.0	---	7.5	----------
Millesim	3.7	-------	2.5	-	5.0	--------	3.0	---	6.5	--------
LG 30.248	3.8	--------	3.0	------	5.3	--------	3.3	------	4.5	---
LG 30.215	3.4	----	3.0	------	2.0	-	3.3	------	6.0	-------
DKC 3440	3.9	---------	3.0	------	4.0	------	3.3	------	6.0	-------
P8200	3.9	---------	3.0	------	3.7	-----	3.0	---	6.0	-------
Xxilo	3.2	---	3.0	------	1.7	-	3.0	---	6.0	-------
-Bezugsgrösse(n)	3.4	-----	3.0	------	3.2	----	3.5	-------	5.0	----
Versuchs-Mittel	3.6	------	2.9	-----	3.8	-----	3.2	----	5.6	------
VK [%]	25.1		12.6		35.2		19.6		23.0	
KGD (5%)	0.6		ns		2.2		ns		ns	
KGD (1%)	0.7		ns		2.9		ns		ns	
Versuchs-Streuung	0.9		0.4		1.3		0.6		1.3	
FG Fehlerterm	468.0		39.0		78.0		78.0		39.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	69.4	39	2.21	***	1.43	0.0006
Anbauorte	593.2	6	122.94	***	2.12	0.0000
WW Verf.*Anb.Orte	246.7	234	1.31	ns	1.20	
Fehler	376.3	468				
Insgesamt	1285.6	747				

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	2.7	--	2.7	--	3.2	-----
ES Albatros	3.7	------	3.0	----	3.2	-----
Juvento	3.0	---	2.8	---	2.8	---
SY Talisman	3.3	----	3.3	------	3.7	--------
Gottardo KWS	3.7	------	3.2	-----	3.0	----
DKC 3531	4.0	-------	3.0	----	3.2	-----
Cranberri CS	3.7	------	3.3	------	3.0	----
Genialis KWS	3.3	----	3.5	-------	3.0	----
Benedictio KWS	3.3	----	2.5	-	2.7	--
Havelio KWS	3.3	----	2.7	--	2.7	--
SY Telias	3.0	---	2.7	--	2.7	--
ES Metronom	3.3	----	2.8	---	3.8	---------
LZM263/77	3.3	----	3.2	-----	2.8	---
LZM265/32	4.3	--------	3.3	------	3.8	---------
LZM265/34	3.0	---	3.5	-------	2.5	-
LZM265/52	2.7	--	2.8	---	3.5	-------
SM E0342	3.7	------	2.5	-	2.8	---
Aga Gold	4.0	-------	4.0	----------	3.0	----
Vitally	4.3	--------	3.2	-----	3.0	----
Aga Einstein	2.3	-	2.5	-	2.7	--
GL Primavera	4.3	--------	3.0	----	3.3	------
SM Prezent	3.7	------	2.5	-	3.3	------
Oxanna	5.0	----------	2.8	---	3.2	-----
Smolidar	4.7	---------	3.0	----	3.3	------
DFI44744	2.3	-	3.2	-----	2.5	-
EQ2942	3.7	------	2.8	---	3.3	------
ES Crossman	4.0	-------	2.7	--	3.3	------
Rigoletto	2.3	-	2.7	--	2.8	---
Corfinio KWS	3.0	---	2.7	--	2.7	--
Amaroc	3.0	---	2.7	--	2.7	--
KXB5303	4.3	--------	2.7	--	2.8	---
KXB5325	3.7	------	3.3	------	2.5	-
Ricardinio	4.0	-------	2.7	--	3.3	------
LG 30.218	4.0	-------	3.3	------	2.7	--
Millesim	3.3	----	2.7	--	3.2	-----
LG 30.248	3.7	------	3.2	-----	3.8	---------
LG 30.215	3.3	----	2.8	---	3.0	----
DKC 3440	4.0	-------	3.5	-------	3.5	-------
P8200	4.3	--------	3.3	------	4.0	----------
Xxilo	3.0	---	2.7	--	3.0	----
-Bezugsgrösse(n)	3.3	----	2.9	---	3.0	----
Versuchs-Mittel	3.5	-----	3.0	----	3.1	----
VK [%]	28.0		21.6		19.7	
KGD (5%)	ns		ns		ns	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	1.0		0.6		0.6	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
Colisee	4.0	-------	4.0	-------
ES Albatros	4.0	-------	4.0	-------
Juvento	4.7	--------	4.7	--------
SY Talisman	3.0	----	3.0	----
Gottardo KWS	4.3	--------	4.3	--------
DKC 3531	1.3	-	1.3	-
Cranberri CS	3.0	----	3.0	----
Genialis KWS	3.0	----	3.0	----
Benedictio KWS	3.7	------	3.7	------
Havelio KWS	4.3	--------	4.3	--------
SY Telias	2.7	----	2.7	----
ES Metronom	4.0	-------	4.0	-------
LZM263/77	4.0	-------	4.0	-------
LZM265/32	4.0	-------	4.0	-------
LZM265/34	5.0	---------	5.0	---------
LZM265/52	5.0	---------	5.0	---------
SM E0342	3.3	-----	3.3	-----
Aga Gold	4.0	-------	4.0	-------
Vitally	3.7	------	3.7	------
Aga Einstein	2.3	---	2.3	---
GL Primavera	2.7	----	2.7	----
SM Prezent	4.7	--------	4.7	--------
Oxanna	5.7	----------	5.7	----------
Smolidar	3.7	------	3.7	------
DFI44744	4.3	--------	4.3	--------
EQ2942	1.7	-	1.7	-
ES Crossman	3.7	------	3.7	------
Rigoletto	2.3	---	2.3	---
Corfinio KWS	2.7	----	2.7	----
Amaroc	3.3	-----	3.3	-----
KXB5303	4.0	-------	4.0	-------
KXB5325	3.7	------	3.7	------
Ricardinio	3.3	-----	3.3	-----
LG 30.218	3.3	-----	3.3	-----
Millesim	4.7	--------	4.7	--------
LG 30.248	4.3	--------	4.3	--------
LG 30.215	3.3	-----	3.3	-----
DKC 3440	1.7	-	1.7	-
P8200	3.7	------	3.7	------
Xxilo	4.7	--------	4.7	--------
-Bezugsgrösse(n)	4.3	--------	4.3	--------
Versuchs-Mittel	3.6	------	3.6	------
VK [%]	29.3		29.3	
KGD (5%)	1.7		1.7	
KGD (1%)	2.3		2.3	
Versuchs-Streuung	1.1		1.1	
FG Fehlerterm	78.0		78.0	
Anz. Beob.	3.0		3.0	

Helminthosporium turcicum [note] / Helminthosporium turcicum [Note]

Verfahren	Seriemittel		5643 Alikon AG		8046 Reckenholz ZH	
Colisee	1.2	---	1.3	---	1.1	--
ES Albatros	1.1	--	1.3	---	1.0	-
Juvento	1.1	--	1.2	--	1.0	-
SY Talisman	1.1	--	1.3	---	1.0	-
Gottardo KWS	1.5	-------	2.0	---------	1.1	--
DKC 3531	1.3	----	1.5	-----	1.1	---
Cranberri CS	1.3	----	1.5	-----	1.0	-
Genialis KWS	1.4	------	1.8	-------	1.1	---
Benedictio KWS	1.5	-------	2.0	---------	1.0	-
Havelio KWS	1.2	--	1.1	-	1.2	------
SY Telias	1.4	-----	1.8	-------	1.0	-
ES Metronom	1.1	--	1.3	---	1.0	-
LZM263/77	1.3	----	1.5	-----	1.0	-
LZM265/32	1.2	---	1.4	---	1.1	---
LZM265/34	1.1	-	1.1	-	1.0	-
LZM265/52	1.4	-----	1.8	-------	1.0	-
SM E0342	1.1	--	1.3	---	1.0	-
Aga Gold	1.8	----------	2.3	----------	1.4	----------
Vitally	1.5	-------	1.9	-------	1.2	------
Aga Einstein	1.1	--	1.3	---	1.0	-
GL Primavera	1.3	----	1.5	-----	1.1	--
SM Prezent	1.4	-----	1.8	-------	1.0	-
Oxanna	1.3	----	1.5	-----	1.1	---
Smolidar	1.3	----	1.5	-----	1.0	-
DFI44744	1.3	----	1.1	-	1.4	----------
EQ2942	1.0	-	1.0	-	1.0	-
ES Crossman	1.2	---	1.4	---	1.0	-
Rigoletto	1.6	--------	2.3	----------	1.0	-
Corfinio KWS	1.2	---	1.4	---	1.1	---
Amaroc	1.1	-	1.0	-	1.1	---
KXB5303	1.5	------	1.6	-----	1.3	---------
KXB5325	1.4	-----	1.5	-----	1.3	-------
Ricardinio	1.3	----	1.6	-----	1.0	-
LG 30.218	1.2	---	1.3	---	1.2	-----
Millesim	1.6	-------	2.0	---------	1.1	---
LG 30.248	1.2	---	1.4	---	1.1	---
LG 30.215	1.2	---	1.4	---	1.1	--
DKC 3440	1.5	-------	2.0	---------	1.0	-
P8200	1.1	--	1.3	---	1.0	-
Xxilo	1.1	--	1.3	---	1.0	-
-Bezugsgrösse(n)	1.1	--	1.2	--	1.0	-
Versuchs-Mittel	1.3	----	1.5	-----	1.1	---
VK [%]	23.1		29.4		17.6	
KGD (5%)	0.4		ns		ns	
KGD (1%)	0.5		ns		ns	
Versuchs-Streuung	0.3		0.4		0.2	
FG Fehlerterm	117.0		39.0		78.0	
Anz. Beob.	5.0		2.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	6.3	39	1.82	**	1.50	0.0075
Anbauorte	8.3	1	94.38	***	3.92	0.0000
WW Verf.*Anb.Orte	5.5	39	1.61	*	1.50	0.0279
Fehler	10.3	117				
Insgesamt	30.4	196				

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel		1260 Nyon		3065 Habstetten		8046 Reckenholz ZH		8566 Ellighausen TG	
Colisee	260.0	------	230.0	--	263.3	-------	253.3	-------	293.3	-----
ES Albatros	269.4	--------	267.5	---------	258.3	------	245.0	------	306.7	-------
Juvento	252.7	----	247.5	-----	251.7	----	240.0	-----	271.7	--
SY Talisman	255.4	-----	235.0	---	255.0	-----	243.3	-----	288.3	----
Gottardo KWS	262.5	------	250.0	------	256.7	------	253.3	-------	290.0	-----
DKC 3531	250.4	----	225.0	-	248.3	----	250.0	------	278.3	---
Cranberri CS	252.5	----	240.0	----	250.0	----	241.7	-----	278.3	---
Genialis KWS	243.8	--	230.0	--	248.3	----	233.3	----	263.3	-
Benedictio KWS	262.3	------	237.5	---	250.0	----	266.7	---------	295.0	-----
Havelio KWS	258.3	-----	240.0	----	253.3	-----	250.0	------	290.0	-----
SY Telias	256.3	-----	230.0	--	256.7	------	246.7	------	291.7	-----
ES Metronom	275.2	---------	262.5	--------	266.7	--------	266.7	---------	305.0	-------
LZM263/77	248.3	---	230.0	--	256.7	------	233.3	----	273.3	---
LZM265/32	273.3	--------	245.0	-----	261.7	-------	270.0	---------	316.7	--------
LZM265/34	275.6	---------	257.5	-------	263.3	-------	271.7	---------	310.0	-------
LZM265/52	270.0	--------	250.0	------	266.7	--------	270.0	---------	293.3	-----
SM E0342	263.8	------	235.0	---	263.3	-------	256.7	-------	300.0	------
Aga Gold	244.4	--	222.5	-	253.3	-----	231.7	----	270.0	--
Vitally	243.8	--	235.0	---	253.3	-----	208.3	-	278.3	---
Aga Einstein	263.1	------	247.5	-----	255.0	-----	253.3	-------	296.7	-----
GL Primavera	265.2	-------	262.5	--------	250.0	----	255.0	-------	293.3	-----
SM Prezent	263.1	------	247.5	-----	255.0	-----	260.0	--------	290.0	-----
Oxanna	257.7	-----	237.5	---	256.7	------	246.7	------	290.0	-----
Smolidar	261.7	------	245.0	-----	266.7	--------	253.3	-------	281.7	----
DFI44744	282.5	----------	275.0	----------	263.3	-------	263.3	--------	328.3	----------
EQ2942	247.9	---	235.0	---	236.7	-	246.7	------	273.3	---
ES Crossman	283.3	----------	270.0	----------	246.7	---	280.0	----------	336.7	----------
Rigoletto	275.2	---------	252.5	------	275.0	----------	270.0	---------	303.3	------
Corfinio KWS	277.3	---------	242.5	----	270.0	---------	280.0	----------	316.7	--------
Amaroc	277.9	---------	255.0	-------	273.3	---------	270.0	---------	313.3	--------
KXB5303	257.5	-----	245.0	-----	260.0	------	241.7	-----	283.3	----
KXB5325	259.4	------	242.5	----	253.3	-----	248.3	------	293.3	-----
Ricardinio	275.8	---------	255.0	-------	278.3	----------	263.3	--------	306.7	-------
LG 30.218	236.0	-	227.5	--	235.0	-	223.3	---	258.3	-
Millesim	249.4	---	227.5	--	253.3	-----	236.7	-----	280.0	---
LG 30.248	258.8	-----	245.0	-----	253.3	-----	253.3	-------	283.3	----
LG 30.215	263.5	------	257.5	-------	271.7	---------	255.0	-------	270.0	--
DKC 3440	249.6	---	235.0	---	236.7	-	233.3	----	293.3	-----
P8200	268.8	--------	260.0	--------	261.7	-------	260.0	--------	293.3	-----
Xxilo	267.7	-------	252.5	------	265.0	--------	260.0	--------	293.3	-----
-Bezugsgrösse(n)	261.0	------	257.5	-------	255.0	-----	242.5	-----	289.2	-----
Versuchs-Mittel	261.5	------	244.7	-----	257.3	------	252.1	-------	291.8	-----
VK [%]	4.9		4.8		5.7		4.8		4.0	
KGD (5%)	10.2		23.6		ns		19.6		19.0	
KGD (1%)	13.5		31.6		ns		26.0		25.2	
Versuchs-Streuung	12.7		11.7		14.7		12.1		11.7	
FG Fehlerterm	273.0		39.0		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	62778.3	39	9.95	***	1.44	0.0000
Anbauorte	156659.5	3	322.78	***	2.64	0.0000
WW Verf.*Anb.Orte	29715.0	117	1.57	ns	1.28	
Fehler	44165.9	273				
Insgesamt	293318.7	432				

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

Verfahren	Seriemittel		1260 Nyon		3065 Habstetten		8046 Reckenholz ZH		8566 Ellighausen TG	
Colisee	117.7	-----	112.5	----	113.3	-----	106.7	-------	138.3	----
ES Albatros	124.2	-------	135.0	---------	113.3	-----	100.0	-----	148.3	------
Juvento	112.1	----	120.0	------	108.3	----	100.0	-----	120.0	-
SY Talisman	110.8	---	115.0	-----	98.3	-	98.3	-----	131.7	---
Gottardo KWS	112.3	----	112.5	----	115.0	------	93.3	---	128.3	---
DKC 3531	106.5	--	97.5	-	105.0	---	100.0	-----	123.3	--
Cranberri CS	107.9	--	110.0	----	103.3	--	95.0	----	123.3	--
Genialis KWS	107.5	--	95.0	-	106.7	---	93.3	---	135.0	----
Benedictio KWS	129.0	--------	122.5	------	120.0	-------	116.7	---------	156.7	--------
Havelio KWS	119.4	------	112.5	----	111.7	-----	103.3	------	150.0	-------
SY Telias	118.3	-----	110.0	----	125.0	--------	100.0	-----	138.3	----
ES Metronom	118.5	-----	122.5	------	101.7	--	110.0	--------	140.0	-----
LZM263/77	107.7	--	102.5	--	111.7	-----	90.0	--	126.7	--
LZM265/32	132.9	---------	115.0	-----	133.3	----------	113.3	--------	170.0	----------
LZM265/34	122.9	-------	125.0	-------	113.3	-----	106.7	-------	146.7	------
LZM265/52	120.0	------	105.0	---	121.7	-------	110.0	--------	143.3	-----
SM E0342	131.3	---------	120.0	------	120.0	-------	121.7	----------	163.3	---------
Aga Gold	105.4	--	95.0	-	106.7	---	96.7	----	123.3	--
Vitally	114.2	----	120.0	------	111.7	-----	83.3	-	141.7	-----
Aga Einstein	119.4	------	102.5	--	118.3	-------	110.0	--------	146.7	------
GL Primavera	125.6	-------	117.5	-----	126.7	---------	108.3	-------	150.0	-------
SM Prezent	129.2	--------	125.0	-------	120.0	-------	118.3	----------	153.3	-------
Oxanna	118.3	-----	115.0	-----	118.3	-------	100.0	-----	140.0	-----
Smolidar	128.1	--------	142.5	----------	108.3	----	111.7	--------	150.0	-------
DFI44744	115.8	-----	120.0	------	118.3	-------	93.3	---	131.7	---
EQ2942	109.4	---	107.5	---	100.0	--	96.7	----	133.3	----
ES Crossman	125.8	-------	135.0	---------	113.3	-----	110.0	--------	145.0	------
Rigoletto	126.0	-------	122.5	------	118.3	-------	113.3	--------	150.0	-------
Corfinio KWS	137.5	----------	145.0	----------	128.3	---------	121.7	----------	155.0	--------
Amaroc	135.0	----------	135.0	---------	128.3	---------	113.3	--------	163.3	---------
KXB5303	115.4	----	110.0	----	111.7	-----	106.7	-------	133.3	----
KXB5325	125.4	-------	130.0	--------	115.0	------	110.0	--------	146.7	------
Ricardinio	128.3	--------	120.0	------	133.3	----------	113.3	--------	146.7	------
LG 30.218	101.7	-	100.0	--	96.7	-	91.7	---	118.3	-
Millesim	105.6	--	102.5	--	103.3	--	96.7	----	120.0	-
LG 30.248	114.0	----	117.5	-----	110.0	----	101.7	-----	126.7	--
LG 30.215	112.9	----	110.0	----	106.7	---	108.3	-------	126.7	--
DKC 3440	104.0	-	97.5	-	101.7	--	96.7	----	120.0	-
P8200	124.4	-------	127.5	-------	123.3	--------	110.0	--------	136.7	----
Xxilo	124.8	-------	122.5	------	116.7	------	113.3	--------	146.7	------
-Bezugsgrösse(n)	118.1	-----	127.5	-------	110.8	----	100.0	-----	134.2	----
Versuchs-Mittel	118.6	-----	116.3	-----	113.9	-----	104.6	------	139.7	-----
VK [%]	8.2		11.2		8.7		7.9		6.4	
KGD (5%)	7.8		26.3		16.2		13.4		14.5	
KGD (1%)	10.3		ns		21.5		17.8		19.2	
Versuchs-Streuung	9.7		13.0		9.9		8.3		8.9	
FG Fehlerterm	273.0		39.0		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	40681.1	39	11.02	***	1.44	0.0000
Anbauorte	80303.0	3	282.72	***	2.64	0.0000
WW Verf.*Anb.Orte	18192.4	117	1.64	ns	1.28	
Fehler	25847.6	273				
Insgesamt	165024.0	432				

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	703.5	------	697.5	--------	708.0	----	707.7	--------	700.0	--
ES Albatros	699.0	-----	685.0	------	699.0	---	696.0	------	707.0	----
Juvento	704.0	-------	694.0	-------	702.7	---	705.3	-------	725.0	------
SY Talisman	712.2	---------	705.0	---------	723.0	-------	707.3	-------	730.0	-------
Gottardo KWS	699.8	-----	712.5	----------	708.3	----	707.7	--------	699.5	--
DKC 3531	715.5	----------	708.5	---------	737.7	----------	699.3	------	726.0	------
Cranberri CS	705.1	-------	702.0	--------	732.7	---------	708.3	--------	718.0	-----
Genialis KWS	707.9	--------	714.0	----------	722.7	-------	719.3	---------	701.0	---
Benedictio KWS	707.3	-------	711.5	---------	726.3	--------	708.3	--------	719.5	-----
Havelio KWS	712.5	---------	703.5	--------	727.0	--------	704.3	-------	727.0	------
SY Telias	709.4	--------	705.5	---------	723.7	-------	700.0	------	746.5	---------
ES Metronom	703.0	------	710.0	---------	702.7	---	677.7	---	724.5	------
LZM263/77	716.3	----------	699.5	--------	743.0	----------	705.7	-------	742.0	---------
LZM265/32	693.9	----	648.0	-	712.0	-----	695.3	-----	716.0	-----
LZM265/34	699.6	-----	698.0	--------	720.0	------	700.7	------	697.5	--
LZM265/52	696.1	----	678.5	-----	721.0	-------	715.0	---------	717.0	-----
SM E0342	692.6	---	678.0	-----	722.0	-------	682.7	---	713.0	----
Aga Gold	693.0	----	684.0	------	709.0	----	683.3	---	688.0	-
Vitally	691.9	---	680.5	-----	714.7	-----	690.3	-----	703.0	---
Aga Einstein	690.4	---	690.5	-------	705.0	----	686.0	----	713.5	----
GL Primavera	685.4	--	689.0	------	687.7	-	698.3	------	710.5	----
SM Prezent	682.0	-	691.5	-------	701.7	---	666.0	-	694.0	--
Oxanna	694.4	----	683.5	------	716.7	------	691.7	-----	693.5	--
Smolidar	686.1	--	668.0	---	711.0	-----	683.0	---	710.0	----
DFI44744	698.3	-----	711.0	---------	710.3	-----	694.7	-----	703.5	---
EQ2942	685.2	-	654.5	--	703.0	---	705.7	-------	687.0	-
ES Crossman	704.6	-------	700.0	--------	712.3	-----	711.3	--------	707.5	----
Rigoletto	701.2	------	695.0	-------	718.0	------	702.3	-------	702.0	---
Corfinio KWS	700.2	------	673.5	----	711.0	-----	695.3	-----	714.5	-----
Amaroc	704.0	-------	700.0	--------	734.0	---------	709.7	--------	719.5	-----
KXB5303	708.2	--------	712.5	----------	722.7	-------	718.0	---------	721.5	------
KXB5325	695.5	----	678.0	-----	707.0	----	698.7	------	724.5	------
Ricardinio	705.9	-------	708.0	---------	716.3	------	699.7	------	707.0	----
LG 30.218	714.0	---------	698.0	--------	733.3	---------	726.0	----------	723.5	------
Millesim	717.1	----------	719.5	----------	722.3	-------	717.7	---------	711.0	----
LG 30.248	718.8	----------	707.0	---------	732.7	---------	725.3	----------	726.5	------
LG 30.215	702.6	------	686.5	------	712.7	-----	698.3	------	755.5	----------
DKC 3440	707.0	-------	696.5	-------	710.3	-----	712.0	--------	718.0	-----
P8200	692.4	---	688.0	------	704.3	----	678.7	---	720.0	-----
Xxilo	704.5	-------	706.5	---------	717.7	------	694.0	-----	702.0	---
-Bezugsgrösse(n)	701.5	------	689.5	------	700.8	---	700.7	------	716.0	-----
Versuchs-Mittel	701.5	------	694.3	-------	716.1	------	700.7	------	714.1	-----
VK [%]	2.3		2.7		1.6		2.0		2.2	
KGD (5%)	10.1		ns		18.1		22.6		31.3	
KGD (1%)	13.2		ns		24.1		29.9		ns	
Versuchs-Streuung	16.2		18.9		11.2		13.9		15.4	
FG Fehlerterm	467.0		39.0		78.0		78.0		38.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	68508.3	39	6.70	***	1.43	0.0000
Anbauorte	84318.7	6	53.61	***	2.12	0.0000
WW Verf.*Anb.Orte	94797.9	234	1.55	ns	1.20	
Fehler	122414.0	467				
Insgesamt	370038.9	746				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	712.7	---------	691.7	-------	706.7	-------
ES Albatros	718.0	----------	684.7	------	703.7	------
Juvento	720.7	----------	685.7	------	694.3	-----
SY Talisman	704.7	-------	713.0	---------	702.7	------
Gottardo KWS	689.0	----	677.3	-----	704.0	-------
DKC 3531	715.7	---------	694.3	-------	727.0	----------
Cranberri CS	688.0	---	688.0	------	699.0	------
Genialis KWS	691.0	----	704.0	--------	703.3	------
Benedictio KWS	697.7	-----	677.7	-----	710.0	--------
Havelio KWS	710.0	--------	723.0	----------	692.7	-----
SY Telias	697.3	-----	701.3	--------	691.3	----
ES Metronom	692.7	----	701.7	--------	712.0	--------
LZM263/77	712.7	---------	705.0	--------	706.3	-------
LZM265/32	693.3	----	680.0	-----	712.7	--------
LZM265/34	687.0	---	674.7	-----	719.3	---------
LZM265/52	688.0	---	662.3	---	691.0	----
SM E0342	702.0	------	673.0	----	677.3	--
Aga Gold	693.0	----	684.3	------	709.0	-------
Vitally	688.7	---	659.0	---	707.3	-------
Aga Einstein	685.7	---	670.0	----	682.0	---
GL Primavera	677.0	-	665.0	---	670.0	-
SM Prezent	676.0	-	658.7	---	686.3	---
Oxanna	699.3	------	677.7	-----	698.7	------
Smolidar	681.7	--	643.3	-	706.0	-------
DFI44744	705.3	-------	662.7	---	700.7	------
EQ2942	696.7	-----	673.7	----	675.7	--
ES Crossman	700.0	------	682.3	-----	718.7	---------
Rigoletto	694.3	-----	689.7	------	707.3	-------
Corfinio KWS	696.3	-----	690.3	------	720.7	---------
Amaroc	705.3	-------	652.0	--	707.3	-------
KXB5303	709.7	--------	657.3	--	716.0	---------
KXB5325	684.3	--	675.0	-----	701.0	------
Ricardinio	701.7	------	700.0	--------	708.3	-------
LG 30.218	705.3	-------	703.3	--------	708.7	-------
Millesim	720.3	----------	723.3	----------	705.7	-------
LG 30.248	708.7	--------	704.3	--------	727.3	----------
LG 30.215	692.7	----	681.3	-----	691.0	----
DKC 3440	718.3	----------	687.7	------	706.0	-------
P8200	689.0	----	687.7	------	679.3	--
Xxilo	716.7	----------	694.7	-------	700.3	------
-Bezugsgrösse(n)	719.3	----------	685.2	------	699.0	------
Versuchs-Mittel	699.2	------	684.0	------	702.2	------
VK [%]	1.7		3.4		2.4	
KGD (5%)	19.5		37.7		27.0	
KGD (1%)	25.9		50.0		35.8	
Versuchs-Streuung	12.0		23.2		16.6	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	378.1	-------	374.5	-------	407.3	-------	379.7	--------	383.5	------
ES Albatros	346.9	-	334.0	---	371.2	--	351.3	----	345.7	--
Juvento	366.0	----	350.0	-----	398.9	------	383.7	---------	367.7	-----
SY Talisman	384.1	--------	376.0	--------	407.4	-------	380.3	--------	402.1	--------
Gottardo KWS	374.1	------	395.0	---------	408.5	--------	378.3	--------	389.6	-------
DKC 3531	359.6	---	348.0	-----	413.6	--------	324.3	-	376.9	------
Cranberri CS	374.2	------	369.5	-------	410.3	--------	392.7	----------	383.5	------
Genialis KWS	381.3	--------	391.0	---------	390.7	-----	394.0	----------	365.5	----
Benedictio KWS	367.2	-----	380.5	--------	397.0	------	370.3	-------	381.7	------
Havelio KWS	382.9	--------	362.5	------	410.5	--------	379.3	--------	399.7	--------
SY Telias	383.7	--------	374.0	-------	411.5	--------	362.0	------	424.7	----------
ES Metronom	373.5	------	407.5	----------	362.7	-	373.7	-------	388.2	-------
LZM263/77	372.9	------	344.5	-----	422.3	----------	357.3	-----	412.2	---------
LZM265/32	360.2	---	312.5	-	395.1	------	346.7	----	377.5	------
LZM265/34	360.3	---	359.5	------	403.1	-------	349.3	----	346.1	--
LZM265/52	356.9	---	347.0	-----	407.4	-------	369.7	-------	368.5	-----
SM E0342	366.2	-----	352.5	-----	408.2	--------	344.3	---	387.1	-------
Aga Gold	362.4	----	358.0	------	391.8	-----	351.7	----	328.3	-
Vitally	372.8	------	340.5	----	418.6	---------	379.7	--------	379.6	------
Aga Einstein	377.0	-------	378.0	--------	406.3	-------	362.3	------	391.8	-------
GL Primavera	362.1	----	372.5	-------	379.4	---	358.3	-----	380.0	------
SM Prezent	368.5	-----	371.5	-------	398.5	------	344.0	---	381.6	------
Oxanna	358.5	---	330.5	---	396.9	------	366.0	------	337.3	--
Smolidar	363.9	----	323.5	--	399.7	------	356.7	-----	407.8	---------
DFI44744	349.6	-	373.0	-------	370.5	--	343.7	---	352.5	---
EQ2942	359.5	---	307.0	-	390.1	-----	374.3	-------	376.0	------
ES Crossman	379.1	-------	366.5	-------	391.7	-----	378.0	--------	400.8	--------
Rigoletto	367.6	-----	360.5	------	392.0	-----	368.3	-------	383.7	------
Corfinio KWS	362.3	----	304.0	-	392.4	-----	355.0	-----	378.7	------
Amaroc	370.2	-----	354.5	-----	416.4	---------	367.3	------	390.9	-------
KXB5303	385.0	--------	386.0	---------	411.0	--------	397.7	----------	416.7	----------
KXB5325	376.2	-------	347.5	-----	395.3	------	384.7	---------	406.5	---------
Ricardinio	366.3	-----	380.0	--------	387.2	----	355.3	-----	372.3	-----
LG 30.218	373.8	------	350.0	-----	428.3	----------	378.3	--------	399.0	--------
Millesim	396.1	----------	385.0	--------	423.9	----------	396.0	----------	423.2	----------
LG 30.248	362.8	----	345.0	-----	407.5	-------	357.3	-----	375.5	-----
LG 30.215	375.1	------	341.5	----	408.4	--------	355.3	-----	425.3	----------
DKC 3440	372.5	------	345.0	-----	394.4	-----	373.7	-------	375.5	-----
P8200	361.9	----	356.5	------	388.5	-----	337.7	--	392.6	-------
Xxilo	376.9	-------	380.5	--------	411.2	--------	353.3	-----	365.7	----
-Bezugsgrösse(n)	356.5	---	342.0	----	385.1	----	367.5	------	356.7	----
Versuchs-Mittel	369.7	-----	358.4	------	400.6	------	365.8	------	383.5	------
VK [%]	6.2		7.4		3.8		5.6		5.2	
KGD (5%)	14.2		ns		24.8		33.3		40.5	
KGD (1%)	18.7		ns		32.8		44.1		54.3	
Versuchs-Streuung	22.8		26.4		15.2		20.5		20.0	
FG Fehlerterm	467.0		39.0		78.0		78.0		38.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	80722.3	39	3.97	***	1.43	0.0000
Anbauorte	322150.1	6	103.02	***	2.12	0.0000
WW Verf.*Anb.Orte	191059.4	234	1.57	ns	1.20	
Fehler	243395.9	467				
Insgesamt	837327.7	746				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	383.8	------	339.6	-------	378.5	-------
ES Albatros	351.1	-	319.8	----	355.2	----
Juvento	398.0	--------	319.1	----	345.0	---
SY Talisman	375.1	-----	360.6	---------	387.2	---------
Gottardo KWS	369.6	----	325.4	-----	352.1	----
DKC 3531	381.2	------	320.2	----	353.2	----
Cranberri CS	368.8	----	319.3	----	375.5	-------
Genialis KWS	366.3	---	372.1	----------	389.8	---------
Benedictio KWS	359.1	--	330.2	-----	351.9	----
Havelio KWS	386.0	------	371.9	----------	370.3	------
SY Telias	389.4	-------	365.1	----------	359.2	-----
ES Metronom	369.6	----	330.1	-----	383.1	--------
LZM263/77	386.8	------	347.3	--------	339.9	--
LZM265/32	368.4	---	352.2	--------	369.0	------
LZM265/34	361.7	--	328.2	-----	374.0	-------
LZM265/52	366.2	---	291.2	-	348.7	---
SM E0342	385.6	------	332.0	------	353.9	----
Aga Gold	375.8	-----	341.3	-------	389.9	---------
Vitally	387.6	-------	328.7	-----	375.0	-------
Aga Einstein	368.7	----	357.8	---------	374.0	-------
GL Primavera	355.6	-	341.9	-------	347.1	---
SM Prezent	378.1	-----	327.3	-----	378.7	-------
Oxanna	382.8	------	324.4	-----	371.5	-------
Smolidar	376.5	-----	313.1	---	370.1	------
DFI44744	379.8	-----	300.9	--	326.8	-
EQ2942	386.9	------	342.9	-------	339.2	--
ES Crossman	383.7	------	344.3	-------	388.7	---------
Rigoletto	367.1	---	336.0	------	365.2	------
Corfinio KWS	359.8	--	343.9	-------	402.3	----------
Amaroc	384.6	------	314.5	---	363.2	-----
KXB5303	390.9	-------	305.2	--	387.6	---------
KXB5325	373.5	----	336.2	------	390.0	---------
Ricardinio	378.6	-----	325.3	-----	365.6	------
LG 30.218	383.7	------	307.2	---	370.3	------
Millesim	411.9	----------	352.2	--------	380.6	--------
LG 30.248	369.8	----	316.5	----	367.9	------
LG 30.215	410.6	----------	312.5	---	371.8	-------
DKC 3440	401.7	---------	316.3	----	401.3	----------
P8200	379.3	-----	324.1	-----	354.3	----
Xxilo	407.1	----------	333.9	------	386.7	---------
-Bezugsgrösse(n)	374.5	----	319.5	----	350.1	----
Versuchs-Mittel	379.0	-----	331.8	------	368.9	------
VK [%]	5.1		8.6		7.3	
KGD (5%)	31.5		ns		ns	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	19.4		28.6		27.0	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	163.0	----	171.5	---	145.9	----	169.3	----	161.1	-------
ES Albatros	172.8	--------	193.5	------	158.4	---------	174.7	------	171.6	---------
Juvento	162.6	----	181.5	-----	146.1	----	159.7	-	154.9	-----
SY Talisman	160.4	---	169.5	---	145.0	----	172.3	-----	149.1	---
Gottardo KWS	167.2	------	163.0	--	146.8	-----	168.0	----	162.2	-------
DKC 3531	166.3	------	180.5	----	142.5	---	185.3	---------	158.0	------
Cranberri CS	165.5	-----	173.5	---	144.1	----	169.0	----	157.2	------
Genialis KWS	160.7	---	167.0	--	153.4	-------	157.0	-	166.5	--------
Benedictio KWS	165.4	-----	174.0	---	148.1	-----	166.3	----	156.9	-----
Havelio KWS	159.4	---	175.5	----	142.2	---	169.0	----	150.8	----
SY Telias	161.4	----	173.0	---	144.1	----	172.3	-----	138.6	-
ES Metronom	160.1	---	155.0	-	162.8	----------	168.3	----	151.2	----
LZM263/77	161.7	----	182.0	-----	136.1	-	169.0	----	146.1	---
LZM265/32	172.1	--------	212.5	---------	151.5	------	178.3	-------	156.1	-----
LZM265/34	168.9	-------	181.0	-----	146.6	-----	172.7	-----	173.7	----------
LZM265/52	170.6	-------	188.5	------	147.9	-----	167.3	----	160.0	------
SM E0342	166.7	------	185.5	-----	142.2	---	178.7	-------	156.4	-----
Aga Gold	164.8	-----	182.5	-----	147.2	-----	174.0	------	176.0	----------
Vitally	165.5	-----	191.0	------	139.6	--	164.0	---	160.9	-------
Aga Einstein	164.8	-----	175.5	----	149.1	-----	172.7	-----	157.7	------
GL Primavera	169.8	-------	179.0	----	158.2	---------	176.7	-------	157.3	------
SM Prezent	167.3	------	177.5	----	146.9	-----	180.3	--------	166.1	--------
Oxanna	166.6	------	189.0	------	146.0	----	167.7	----	170.7	---------
Smolidar	169.6	-------	201.0	--------	147.8	-----	176.7	-------	150.4	----
DFI44744	168.5	-------	171.5	---	152.8	-------	173.7	------	164.6	--------
EQ2942	177.9	----------	221.0	----------	160.8	----------	171.3	-----	170.6	---------
ES Crossman	162.7	----	177.0	----	148.6	-----	170.0	-----	154.7	-----
Rigoletto	168.1	------	186.0	-----	149.5	------	171.0	-----	161.3	-------
Corfinio KWS	170.7	--------	213.0	---------	151.4	------	178.7	-------	161.1	-------
Amaroc	166.5	------	187.5	------	139.0	--	168.3	----	155.7	-----
KXB5303	159.1	---	170.0	---	140.7	--	157.3	-	142.2	--
KXB5325	166.2	------	193.5	------	151.0	------	170.0	-----	150.1	----
Ricardinio	164.3	-----	171.5	---	147.8	-----	175.7	------	160.6	------
LG 30.218	165.2	-----	188.5	------	140.0	--	164.0	---	155.1	-----
Millesim	154.4	-	167.0	--	138.8	--	161.3	--	145.1	--
LG 30.248	163.4	----	183.5	-----	142.0	---	172.3	-----	155.2	-----
LG 30.215	167.9	------	194.5	-------	150.2	------	185.0	---------	140.2	-
DKC 3440	165.9	-----	189.5	------	152.6	-------	173.3	------	163.4	-------
P8200	172.2	--------	187.5	------	153.9	-------	189.0	----------	156.0	-----
Xxilo	163.2	----	175.0	----	144.4	----	177.3	-------	169.4	---------
-Bezugsgrösse(n)	167.7	------	187.5	------	152.3	-------	167.2	----	163.2	-------
Versuchs-Mittel	165.7	-----	182.5	-----	147.6	-----	171.7	-----	157.8	------
VK [%]	6.8		7.5		4.8		5.6		6.3	
KGD (5%)	7.0		27.8		11.6		15.7		ns	
KGD (1%)	9.2		ns		15.4		ns		ns	
Versuchs-Streuung	11.3		13.7		7.1		9.6		10.0	
FG Fehlerterm	467.0		39.0		78.0		78.0		38.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	15436.7	39	3.10	***	1.43	0.0001
Anbauorte	128583.6	6	167.76	***	2.12	0.0000
WW Verf.*Anb.Orte	43587.2	234	1.46	ns	1.20	
Fehler	59656.1	467				
Insgesamt	247263.6	746				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	157.8	-------	180.2	-----	154.9	----
ES Albatros	162.7	--------	181.8	------	166.8	-------
Juvento	145.3	--	184.2	------	166.6	-------
SY Talisman	159.7	-------	174.5	----	152.4	---
Gottardo KWS	164.5	---------	190.4	--------	175.6	----------
DKC 3531	150.0	----	187.5	-------	160.2	-----
Cranberri CS	164.1	---------	190.1	--------	160.2	-----
Genialis KWS	163.4	---------	167.0	-	150.6	---
Benedictio KWS	161.8	--------	184.7	------	165.9	-------
Havelio KWS	153.0	-----	163.9	-	161.7	------
SY Telias	155.7	------	173.9	---	172.3	---------
ES Metronom	155.7	------	173.0	---	154.6	----
LZM263/77	151.7	----	174.7	----	172.0	---------
LZM265/32	163.1	---------	183.3	------	159.8	-----
LZM265/34	168.5	----------	185.6	-------	154.5	----
LZM265/52	161.6	--------	200.3	----------	168.3	--------
SM E0342	153.8	-----	177.5	----	172.9	---------
Aga Gold	152.9	-----	178.6	-----	142.3	-
Vitally	156.5	------	187.1	-------	159.3	-----
Aga Einstein	166.5	----------	175.6	----	156.5	----
GL Primavera	165.3	---------	184.2	------	168.0	-------
SM Prezent	159.4	-------	185.2	------	156.0	----
Oxanna	152.4	----	183.6	------	157.2	-----
Smolidar	158.3	-------	193.7	---------	159.6	-----
DFI44744	151.6	----	194.0	---------	171.4	--------
EQ2942	159.1	-------	182.8	------	179.6	----------
ES Crossman	155.4	------	179.3	-----	154.0	----
Rigoletto	165.0	---------	184.9	------	159.2	-----
Corfinio KWS	165.8	----------	177.1	----	147.8	--
Amaroc	153.7	-----	198.0	----------	163.3	------
KXB5303	151.9	----	197.1	----------	154.1	----
KXB5325	163.4	---------	185.9	-------	149.6	---
Ricardinio	155.2	------	180.2	-----	158.8	-----
LG 30.218	159.9	-------	187.5	-------	161.7	------
Millesim	142.3	-	173.2	---	153.3	----
LG 30.248	156.5	------	182.5	------	151.5	---
LG 30.215	148.4	---	194.5	---------	162.2	------
DKC 3440	149.0	---	188.2	-------	145.0	-
P8200	161.2	--------	189.1	--------	168.8	--------
Xxilo	146.4	--	179.4	-----	150.5	---
-Bezugsgrösse(n)	154.0	-----	183.0	------	166.7	-------
Versuchs-Mittel	157.2	------	183.4	------	160.0	-----
VK [%]	5.8		8.0		8.4	
KGD (5%)	ns		ns		ns	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	9.1		14.7		13.4	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	350.1	----	358.5	--	329.9	-----	351.0	----	346.5	-------
ES Albatros	361.0	-------	384.5	-----	345.7	--------	360.3	-----	354.3	-------
Juvento	348.0	----	376.5	----	334.3	------	340.0	--	327.0	----
SY Talisman	350.2	----	360.0	--	325.7	----	357.7	-----	330.1	-----
Gottardo KWS	360.2	-------	355.0	--	334.0	-----	356.0	-----	353.1	-------
DKC 3531	350.4	----	380.0	----	325.2	----	368.0	-------	334.9	-----
Cranberri CS	355.9	------	371.0	----	325.1	----	350.0	----	345.1	------
Genialis KWS	345.1	---	346.5	-	338.3	------	333.3	-	348.6	-------
Benedictio KWS	351.2	-----	351.0	-	336.9	------	351.0	----	339.6	------
Havelio KWS	344.2	---	366.5	---	326.3	----	358.7	-----	326.8	----
SY Telias	345.4	---	359.0	--	327.1	----	363.7	------	304.5	--
ES Metronom	348.1	----	342.5	-	350.7	---------	368.0	-------	323.0	----
LZM263/77	359.7	-------	387.5	-----	323.3	---	366.0	------	338.1	------
LZM265/32	376.0	----------	439.0	----------	347.4	--------	379.7	---------	351.7	-------
LZM265/34	370.1	---------	382.5	-----	345.7	--------	364.7	------	379.0	----------
LZM265/52	370.6	---------	406.0	-------	333.3	-----	364.7	------	354.0	-------
SM E0342	362.1	-------	390.0	-----	327.7	----	379.0	---------	341.9	------
Aga Gold	361.4	-------	380.0	----	335.8	------	376.7	--------	382.2	----------
Vitally	344.4	---	373.5	----	310.8	-	345.7	---	345.4	------
Aga Einstein	354.8	-----	374.0	----	323.4	---	362.0	------	345.3	------
GL Primavera	361.7	-------	367.5	---	360.9	----------	358.3	-----	337.9	------
SM Prezent	359.0	------	361.5	---	324.6	----	388.3	----------	360.4	--------
Oxanna	348.9	----	379.5	----	320.6	---	352.7	----	357.6	--------
Smolidar	357.4	------	416.0	--------	328.7	----	359.0	-----	328.4	----
DFI44744	362.3	-------	366.0	---	340.8	-------	370.7	-------	359.5	--------
EQ2942	374.5	----------	439.5	----------	343.9	-------	361.3	------	364.5	---------
ES Crossman	346.6	---	384.5	-----	320.9	---	348.7	---	336.1	-----
Rigoletto	367.8	---------	394.0	------	333.6	-----	378.7	---------	355.7	--------
Corfinio KWS	365.0	--------	428.5	---------	342.4	-------	370.7	-------	343.3	------
Amaroc	361.2	-------	386.5	-----	318.3	---	358.0	-----	341.6	------
KXB5303	349.1	----	360.5	--	322.8	---	342.0	--	323.3	----
KXB5325	356.5	------	386.0	-----	338.1	------	359.7	-----	323.3	----
Ricardinio	357.7	------	367.5	---	338.8	------	370.3	-------	346.4	------
LG 30.218	356.9	------	395.5	------	320.8	---	356.7	-----	337.8	------
Millesim	335.1	-	362.5	---	308.2	-	347.0	---	314.7	---
LG 30.248	355.7	------	377.5	----	322.4	---	369.0	-------	347.0	-------
LG 30.215	350.8	----	396.0	------	328.6	----	378.0	---------	295.1	-
DKC 3440	358.3	------	398.0	------	329.3	-----	362.3	------	344.4	------
P8200	365.5	--------	387.5	-----	342.7	-------	389.7	----------	341.7	------
Xxilo	361.4	-------	372.5	----	336.0	------	383.0	---------	372.6	---------
-Bezugsgrösse(n)	354.5	-----	380.5	-----	340.0	-------	350.2	----	340.6	------
Versuchs-Mittel	356.5	------	380.3	----	331.7	-----	362.5	------	342.5	------
VK [%]	5.3		5.4		4.3		4.4		6.1	
KGD (5%)	11.8		41.9		23.1		25.7		ns	
KGD (1%)	15.5		56.1		ns		34.1		ns	
Versuchs-Streuung	19.0		20.7		14.2		15.8		20.9	
FG Fehlerterm	467.0		39.0		78.0		78.0		38.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	62540.6	39	4.46	***	1.43	0.0000
Anbauorte	257968.0	6	119.49	***	2.12	0.0000
WW Verf.*Anb.Orte	124135.9	234	1.47	ns	1.20	
Fehler	168039.2	467				
Insgesamt	612683.6	746				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	336.0	----	379.2	------	350.0	----
ES Albatros	344.0	-----	386.1	-------	352.3	----
Juvento	321.2	--	374.0	-----	362.7	------
SY Talisman	346.6	------	380.6	------	351.1	----
Gottardo KWS	351.7	-------	398.5	--------	373.3	--------
DKC 3531	326.7	---	377.0	------	340.8	--
Cranberri CS	352.4	-------	394.9	--------	353.2	----
Genialis KWS	347.7	------	356.5	---	344.7	---
Benedictio KWS	340.5	-----	381.2	------	358.5	-----
Havelio KWS	333.7	----	339.6	-	358.1	-----
SY Telias	337.2	----	358.0	---	368.7	-------
ES Metronom	341.3	-----	365.6	----	345.6	---
LZM263/77	343.8	-----	382.7	------	376.6	--------
LZM265/32	358.9	--------	399.9	---------	355.2	-----
LZM265/34	375.1	----------	394.6	--------	349.0	---
LZM265/52	354.4	-------	412.4	----------	369.5	-------
SM E0342	339.0	-----	374.4	-----	383.0	---------
Aga Gold	331.2	---	384.8	-------	339.0	--
Vitally	322.8	--	377.1	------	335.6	-
Aga Einstein	350.7	-------	369.6	-----	358.6	-----
GL Primavera	345.5	------	387.9	-------	374.0	--------
SM Prezent	336.9	----	388.6	-------	352.5	----
Oxanna	320.0	-	372.8	-----	338.8	--
Smolidar	332.0	---	387.1	-------	351.0	----
DFI44744	330.0	---	393.9	--------	375.1	--------
EQ2942	341.5	-----	381.4	------	389.3	----------
ES Crossman	333.0	----	369.8	-----	333.0	-
Rigoletto	366.4	---------	390.4	-------	355.8	-----
Corfinio KWS	353.5	-------	372.6	-----	344.0	---
Amaroc	349.0	------	415.7	----------	359.2	-----
KXB5303	340.7	-----	404.9	---------	349.5	----
KXB5325	359.1	--------	385.8	-------	343.6	--
Ricardinio	344.7	------	377.1	------	359.1	-----
LG 30.218	350.8	-------	377.3	------	359.3	-----
Millesim	315.1	-	356.0	---	342.2	--
LG 30.248	347.0	------	380.0	------	346.8	---
LG 30.215	321.7	--	381.8	------	354.7	----
DKC 3440	339.2	-----	387.2	-------	347.7	---
P8200	347.0	------	383.2	------	366.5	-------
Xxilo	331.6	---	377.3	------	356.5	-----
-Bezugsgrösse(n)	332.6	----	380.0	------	357.5	-----
Versuchs-Mittel	341.5	-----	381.4	------	355.6	-----
VK [%]	4.7		6.3		5.9	
KGD (5%)	26.1		ns		ns	
KGD (1%)	34.7		ns		ns	
Versuchs-Streuung	16.1		24.0		21.0	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	64.7	-----	61.5	-----	60.6	------	72.3	--------	65.9	------
ES Albatros	64.7	-----	61.5	-----	58.5	----	69.0	-----	69.2	--------
Juvento	67.5	--------	67.5	---------	61.7	-------	70.3	------	71.6	---------
SY Talisman	60.0	-	53.5	-	54.8	-	66.3	---	59.6	--
Gottardo KWS	60.0	-	57.0	---	55.0	-	64.3	-	61.6	---
DKC 3531	65.3	------	58.5	----	58.7	----	71.7	-------	66.4	------
Cranberri CS	63.8	----	57.5	---	62.2	-------	69.0	-----	68.4	-------
Genialis KWS	65.6	------	67.0	--------	62.6	-------	70.7	------	67.0	------
Benedictio KWS	62.9	----	59.5	----	59.4	-----	69.0	-----	59.8	--
Havelio KWS	64.3	-----	60.5	-----	60.7	------	70.0	------	61.3	---
SY Telias	63.0	----	59.5	----	58.6	----	66.0	--	66.8	------
ES Metronom	65.5	------	61.5	-----	61.5	-------	68.3	----	69.2	--------
LZM263/77	60.3	-	58.5	----	56.9	--	63.7	-	62.2	---
LZM265/32	61.1	--	52.5	-	58.7	----	65.3	--	63.9	----
LZM265/34	62.9	----	59.5	----	60.8	------	67.7	----	63.9	----
LZM265/52	60.4	-	53.0	-	57.7	---	68.3	----	64.2	-----
SM E0342	65.1	------	63.0	------	63.2	--------	68.0	----	66.3	------
Aga Gold	67.0	-------	60.5	-----	65.4	----------	69.3	-----	69.2	--------
Vitally	63.5	----	57.0	---	61.0	------	65.7	--	65.9	------
Aga Einstein	61.5	--	58.0	----	58.9	----	65.0	--	64.1	----
GL Primavera	61.3	--	57.0	---	59.6	-----	68.7	-----	61.7	---
SM Prezent	66.2	-------	67.0	--------	65.0	----------	68.0	----	66.3	------
Oxanna	71.0	----------	71.5	----------	66.2	----------	73.7	---------	72.7	----------
Smolidar	66.2	-------	60.5	-----	65.7	----------	72.0	-------	69.8	--------
DFI44744	65.0	-----	66.0	--------	62.5	-------	69.0	-----	65.9	------
EQ2942	60.1	-	52.5	-	60.4	-----	63.7	-	64.3	-----
ES Crossman	64.9	-----	59.0	----	61.4	------	70.3	------	62.9	----
Rigoletto	61.8	---	57.0	---	58.6	----	67.0	---	58.3	-
Corfinio KWS	59.3	-	52.0	-	59.0	----	66.0	--	58.1	-
Amaroc	59.4	-	56.0	---	57.4	---	65.7	--	59.2	-
KXB5303	62.6	---	61.5	-----	59.7	-----	66.0	--	64.4	-----
KXB5325	64.0	-----	61.0	-----	62.3	-------	70.7	------	68.1	-------
Ricardinio	66.8	-------	64.5	-------	63.3	--------	71.0	-------	71.7	---------
LG 30.218	62.2	---	61.5	-----	59.6	-----	70.0	------	61.5	---
Millesim	67.9	--------	66.0	--------	63.2	--------	73.7	---------	68.6	-------
LG 30.248	65.4	------	62.0	------	63.0	--------	73.7	---------	68.1	-------
LG 30.215	67.4	--------	62.5	------	64.9	---------	76.0	----------	73.7	----------
DKC 3440	63.1	----	60.5	-----	60.2	-----	70.7	------	63.3	----
P8200	64.9	-----	63.0	------	60.8	------	72.7	--------	65.4	-----
Xxilo	63.2	----	62.0	------	60.8	------	69.3	-----	61.2	---
-Bezugsgrösse(n)	66.1	------	64.5	-------	60.1	-----	69.7	-----	70.4	--------
Versuchs-Mittel	63.8	----	60.3	-----	60.8	------	68.9	-----	65.3	-----
VK [%]	5.3		6.7		3.8		4.5		6.5	
KGD (5%)	2.1		8.2		3.7		5.0		8.6	
KGD (1%)	2.8		11.0		4.9		6.7		ns	
Versuchs-Streuung	3.4		4.1		2.3		3.1		4.2	
FG Fehlerterm	467.0		39.0		78.0		78.0		38.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	5605.1	39	12.44	***	1.43	0.0000
Anbauorte	9138.1	6	131.84	***	2.12	0.0000
WW Verf.*Anb.Orte	4004.3	234	1.48	ns	1.20	
Fehler	5394.8	467				
Insgesamt	24142.3	746				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	60.6	-----	67.7	-----	64.5	--------
ES Albatros	59.6	-----	70.0	------	64.8	--------
Juvento	64.5	--------	72.9	--------	63.7	-------
SY Talisman	56.4	---	68.4	-----	61.0	-----
Gottardo KWS	52.4	-	67.6	-----	62.0	------
DKC 3531	63.4	-------	71.9	--------	66.4	----------
Cranberri CS	57.9	----	67.7	-----	63.9	-------
Genialis KWS	57.9	----	71.5	-------	62.7	------
Benedictio KWS	62.9	-------	67.0	----	63.0	-------
Havelio KWS	63.6	-------	75.0	----------	58.7	---
SY Telias	59.5	-----	70.9	-------	59.6	----
ES Metronom	60.3	-----	76.0	----------	61.9	------
LZM263/77	56.8	---	66.3	----	57.6	--
LZM265/32	61.3	------	66.4	----	59.4	----
LZM265/34	59.9	-----	65.3	---	63.5	-------
LZM265/52	59.8	-----	63.4	-	56.2	-
SM E0342	65.0	--------	72.1	--------	58.1	---
Aga Gold	67.2	---------	72.4	--------	64.9	--------
Vitally	61.8	------	66.3	----	66.8	----------
Aga Einstein	61.6	------	65.0	---	57.5	--
GL Primavera	62.2	------	63.2	-	57.0	--
SM Prezent	65.3	--------	69.6	------	62.3	------
Oxanna	69.6	----------	75.5	----------	67.7	----------
Smolidar	63.6	-------	67.3	----	64.7	--------
DFI44744	60.8	-----	68.1	-----	62.5	------
EQ2942	59.1	----	65.2	---	55.8	-
ES Crossman	63.2	-------	73.0	--------	64.2	--------
Rigoletto	59.3	-----	68.6	-----	63.5	-------
Corfinio KWS	60.9	------	63.3	-	56.1	-
Amaroc	56.7	---	62.2	-	58.7	---
KXB5303	62.4	------	67.3	----	56.9	--
KXB5325	60.4	-----	64.5	--	60.7	-----
Ricardinio	66.0	--------	69.4	------	61.4	-----
LG 30.218	61.5	------	64.2	--	57.0	--
Millesim	66.1	---------	70.4	-------	67.4	----------
LG 30.248	60.8	-----	67.4	----	63.2	-------
LG 30.215	64.6	--------	67.8	-----	62.5	------
DKC 3440	61.7	------	64.9	---	60.4	----
P8200	63.8	-------	68.0	-----	60.9	-----
Xxilo	65.7	--------	64.0	--	59.2	---
-Bezugsgrösse(n)	62.1	------	71.4	-------	64.3	--------
Versuchs-Mittel	61.6	------	68.2	-----	61.4	-----
VK [%]	4.7		5.9		5.8	
KGD (5%)	4.7		6.6		5.8	
KGD (1%)	6.2		8.7		7.7	
Versuchs-Streuung	2.9		4.0		3.6	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	518.2	---	389.1	----	508.4	------	482.9	-	549.4	-----
ES Albatros	600.7	----------	521.4	----------	585.3	----------	619.3	----------	609.7	------
Juvento	525.5	---	474.1	--------	468.9	----	518.8	---	577.7	-----
SY Talisman	493.1	-	410.0	-----	439.3	--	515.3	---	375.1	-
Gottardo KWS	543.4	-----	493.9	----------	468.7	----	568.3	-------	575.3	-----
DKC 3531	550.9	-----	404.4	----	506.6	------	531.9	----	574.0	-----
Cranberri CS	523.6	---	390.3	----	500.0	------	518.9	---	586.1	------
Genialis KWS	547.8	-----	489.9	----------	524.2	-------	571.4	-------	573.6	-----
Benedictio KWS	559.6	------	467.7	--------	548.8	--------	564.8	-------	456.0	--
Havelio KWS	541.5	-----	451.5	-------	488.4	-----	561.6	------	529.9	----
SY Telias	584.3	--------	491.5	----------	545.4	--------	560.4	------	627.5	------
ES Metronom	612.2	----------	503.0	----------	568.1	----------	594.5	----------	670.3	-------
LZM263/77	558.2	------	473.6	--------	504.8	------	590.7	--------	543.1	-----
LZM265/32	572.5	-------	351.7	--	504.4	------	590.1	--------	804.3	----------
LZM265/34	547.0	-----	481.0	--------	474.8	----	563.7	------	558.5	-----
LZM265/52	525.8	---	325.9	-	433.0	--	568.3	-------	599.7	------
SM E0342	588.5	---------	441.7	------	539.1	--------	562.0	------	619.0	------
Aga Gold	520.1	---	396.8	----	495.6	------	538.7	-----	578.2	-----
Vitally	531.0	----	472.4	--------	513.7	-------	534.8	----	526.6	----
Aga Einstein	598.8	---------	442.7	------	554.9	---------	607.7	----------	681.3	--------
GL Primavera	540.6	-----	417.1	-----	534.1	--------	546.4	-----	545.2	-----
SM Prezent	559.3	------	470.9	--------	564.2	---------	564.0	------	540.0	----
Oxanna	544.3	-----	478.1	--------	405.5	-	537.5	-----	578.0	-----
Smolidar	562.5	------	386.7	----	537.3	--------	560.5	------	630.2	-------
DFI44744	594.1	---------	528.2	----------	574.3	----------	552.3	------	659.9	-------
EQ2942	555.8	------	421.1	-----	516.8	-------	521.4	---	617.7	------
ES Crossman	598.7	---------	479.8	--------	559.9	---------	603.2	---------	576.1	-----
Rigoletto	578.2	--------	443.9	------	588.5	----------	611.5	----------	436.3	--
Corfinio KWS	555.8	------	395.5	----	513.4	------	621.5	----------	526.0	----
Amaroc	588.9	---------	427.2	------	535.7	--------	615.0	----------	680.5	--------
KXB5303	539.6	-----	478.5	--------	500.1	------	544.6	-----	498.1	---
KXB5325	573.4	-------	474.7	--------	550.4	---------	572.1	-------	650.7	-------
Ricardinio	575.6	--------	528.9	----------	488.7	-----	563.5	------	625.0	------
LG 30.218	517.8	---	377.8	---	467.4	----	512.5	---	638.2	-------
Millesim	522.3	---	461.9	-------	434.6	--	528.3	----	471.6	---
LG 30.248	569.7	-------	502.5	---------	449.4	---	578.7	--------	654.0	-------
LG 30.215	529.2	----	450.8	-------	461.1	----	566.7	-------	563.9	-----
DKC 3440	525.7	---	388.5	----	519.8	-------	490.8	-	545.2	-----
P8200	581.6	--------	457.2	-------	518.3	-------	605.0	---------	636.6	-------
Xxilo	568.8	-------	447.2	-------	573.0	----------	583.6	--------	536.1	----
-Bezugsgrösse(n)	563.1	------	497.8	---------	527.1	-------	569.1	-------	593.7	------
Versuchs-Mittel	555.6	------	447.2	-------	511.6	------	561.1	------	580.6	-----
VK [%]	10.1		11.1		9.6		7.3		12.5	
KGD (5%)	34.8		100.1		79.8		66.9		146.8	
KGD (1%)	45.7		ns		105.8		88.7		196.5	
Versuchs-Streuung	55.9		49.5		49.1		41.2		72.5	
FG Fehlerterm	468.0		39.0		78.0		78.0		39.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	626750.0	39	5.14	***	1.43	0.0000
Anbauorte	3212939.8	6	171.19	***	2.12	0.0000
WW Verf.*Anb.Orte	1348956.7	234	1.84	***	1.20	0.0005
Fehler	1463943.5	468				
Insgesamt	6652590.0	747				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	491.9	--	555.4	----	650.5	----
ES Albatros	503.6	---	618.5	-------	747.2	--------
Juvento	483.3	--	505.7	--	649.7	----
SY Talisman	505.3	---	526.6	---	680.0	-----
Gottardo KWS	498.0	---	573.3	-----	626.0	---
DKC 3531	571.6	-------	598.8	------	669.4	-----
Cranberri CS	535.0	-----	511.2	--	623.4	---
Genialis KWS	508.7	---	514.5	--	652.6	----
Benedictio KWS	592.7	--------	583.3	-----	704.2	------
Havelio KWS	530.1	-----	610.1	-------	618.6	--
SY Telias	561.0	------	666.2	---------	638.3	---
ES Metronom	601.9	---------	676.5	----------	671.1	-----
LZM263/77	526.9	----	597.9	------	670.4	-----
LZM265/32	560.3	------	505.8	--	691.1	-----
LZM265/34	537.3	-----	548.0	----	665.5	----
LZM265/52	537.5	-----	637.2	--------	579.1	-
SM E0342	602.2	---------	695.1	----------	660.3	----
Aga Gold	499.7	---	488.3	-	643.2	---
Vitally	484.7	--	481.1	-	703.9	------
Aga Einstein	588.2	--------	595.0	------	721.7	-------
GL Primavera	567.5	-------	487.9	-	685.8	-----
SM Prezent	553.8	------	603.6	------	618.5	--
Oxanna	514.9	----	650.9	---------	645.2	---
Smolidar	554.5	------	585.0	-----	683.3	-----
DFI44744	557.0	------	540.4	---	746.4	--------
EQ2942	523.3	----	600.0	------	690.4	-----
ES Crossman	580.1	-------	582.4	-----	809.1	----------
Rigoletto	637.1	----------	599.1	------	730.7	-------
Corfinio KWS	605.2	---------	574.5	-----	654.5	----
Amaroc	580.3	-------	566.2	-----	717.6	-------
KXB5303	514.4	----	595.5	------	645.9	----
KXB5325	545.3	-----	518.1	--	702.2	------
Ricardinio	540.7	-----	629.9	--------	652.9	----
LG 30.218	459.1	-	550.7	----	619.1	--
Millesim	513.9	----	542.0	---	703.4	------
LG 30.248	548.9	------	599.2	------	655.4	----
LG 30.215	516.1	----	541.5	---	604.5	--
DKC 3440	534.4	-----	550.5	----	650.6	----
P8200	550.4	------	636.5	--------	667.1	----
Xxilo	574.5	-------	598.8	------	668.1	----
-Bezugsgrösse(n)	493.5	---	562.1	----	698.5	------
Versuchs-Mittel	542.3	-----	576.0	-----	670.4	-----
VK [%]	6.8		13.2		9.1	
KGD (5%)	60.1		ns		98.7	
KGD (1%)	79.7		ns		ns	
Versuchs-Streuung	37.0		75.9		60.7	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	207.7	----	170.1	---	190.6	-------	177.3	--	232.3	-----
ES Albatros	226.6	--------	204.9	---------	208.6	----------	199.4	-------	223.5	-----
Juvento	212.3	-----	194.3	-------	186.8	------	189.5	-----	231.0	-----
SY Talisman	192.3	-	176.1	----	167.7	---	176.6	--	160.2	-
Gottardo KWS	215.4	------	205.4	---------	179.3	-----	195.8	------	231.8	-----
DKC 3531	206.3	----	172.1	---	193.5	-------	174.6	--	219.8	-----
Cranberri CS	206.0	----	174.3	----	191.3	-------	179.1	---	231.0	-----
Genialis KWS	212.3	-----	195.0	-------	197.1	--------	192.0	-----	215.1	----
Benedictio KWS	217.7	------	189.6	-------	208.6	----------	206.9	--------	184.6	--
Havelio KWS	215.9	------	189.6	-------	188.5	-------	197.7	-------	213.4	----
SY Telias	222.0	-------	193.3	-------	198.5	--------	183.0	---	236.9	------
ES Metronom	217.6	------	194.7	-------	194.4	--------	191.7	-----	238.8	------
LZM263/77	212.9	-----	187.0	------	190.3	-------	193.3	------	214.0	----
LZM265/32	225.7	--------	167.7	---	189.6	-------	197.7	-------	312.6	----------
LZM265/34	221.7	-------	212.8	----------	190.9	-------	190.4	-----	232.3	-----
LZM265/52	211.4	-----	156.6	-	176.1	-----	203.1	--------	231.9	-----
SM E0342	222.1	-------	196.3	--------	198.4	--------	185.1	----	245.0	------
Aga Gold	197.2	--	163.5	--	189.3	-------	181.9	---	224.0	-----
Vitally	204.2	---	192.8	-------	185.1	------	182.0	---	201.4	---
Aga Einstein	226.2	--------	190.9	-------	202.2	---------	192.4	-----	257.0	-------
GL Primavera	201.3	---	186.2	------	192.4	-------	182.6	---	200.3	---
SM Prezent	212.2	-----	190.4	-------	202.3	---------	187.0	----	202.4	---
Oxanna	197.1	--	174.6	----	150.9	-	178.6	---	211.5	----
Smolidar	213.4	-----	176.0	----	189.6	-------	173.2	-	250.3	-------
DFI44744	216.4	------	195.3	--------	197.9	--------	186.5	----	238.7	------
EQ2942	221.6	-------	195.0	-------	197.8	--------	181.1	---	245.7	------
ES Crossman	216.9	------	202.9	---------	193.9	--------	181.6	---	212.7	----
Rigoletto	206.4	----	178.2	----	201.4	---------	199.8	-------	169.3	-
Corfinio KWS	217.8	------	172.7	----	205.8	---------	217.1	----------	207.0	----
Amaroc	236.5	----------	190.7	-------	207.6	----------	210.5	---------	279.8	--------
KXB5303	210.0	-----	190.7	-------	187.2	------	195.6	------	192.2	---
KXB5325	221.9	-------	194.5	-------	205.9	---------	194.1	------	243.6	------
Ricardinio	213.5	-----	195.7	--------	177.5	-----	182.0	---	243.2	------
LG 30.218	204.2	---	164.9	--	182.0	------	169.4	-	251.2	-------
Millesim	200.7	--	184.0	------	167.4	---	184.1	----	188.7	--
LG 30.248	219.2	-------	197.3	--------	174.7	----	189.0	-----	265.2	-------
LG 30.215	204.7	---	183.7	-----	180.7	-----	190.6	-----	217.1	----
DKC 3440	200.9	---	156.2	-	195.7	--------	174.6	--	204.5	----
P8200	223.5	--------	187.5	------	193.6	-------	192.8	-----	252.5	-------
Xxilo	217.3	------	181.2	-----	213.2	----------	197.3	------	210.5	----
-Bezugsgrösse(n)	219.4	-------	199.6	--------	197.7	--------	194.5	------	227.2	-----
Versuchs-Mittel	213.2	-----	185.6	------	191.1	-------	188.9	-----	225.6	-----
VK [%]	9.0		7.8		8.9		7.3		11.4	
KGD (5%)	12.9		ns		27.6		22.3		52.1	
KGD (1%)	17.0		ns		ns		ns		69.7	
Versuchs-Streuung	19.2		14.5		17.0		13.7		25.7	
FG Fehlerterm	390.0		39.0		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	59564.0	39	4.15	***	1.43	0.0000
Anbauorte	458789.3	5	249.19	***	2.24	0.0000
WW Verf.*Anb.Orte	134810.0	195	1.88	***	1.22	0.0005
Fehler	143606.3	390				
Insgesamt	796769.7	629				

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

Verfahren	8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	226.0	-----	250.0	----
ES Albatros	249.1	--------	274.0	---------
Juvento	216.7	----	255.2	-----
SY Talisman	214.2	----	259.3	------
Gottardo KWS	237.8	-------	242.5	---
DKC 3531	233.8	------	244.2	---
Cranberri CS	220.0	----	240.4	---
Genialis KWS	229.0	-----	245.6	----
Benedictio KWS	249.6	--------	267.0	--------
Havelio KWS	254.0	---------	252.2	-----
SY Telias	267.1	----------	253.1	-----
ES Metronom	247.0	--------	239.2	--
LZM263/77	249.4	--------	243.6	---
LZM265/32	225.7	-----	260.9	------
LZM265/34	238.9	-------	264.8	-------
LZM265/52	270.2	----------	230.5	-
SM E0342	254.2	---------	253.8	-----
Aga Gold	190.5	-	233.9	-
Vitally	209.4	---	254.3	-----
Aga Einstein	249.2	--------	265.3	-------
GL Primavera	204.6	--	241.7	---
SM Prezent	247.8	--------	243.5	---
Oxanna	233.1	------	234.1	-
Smolidar	242.0	-------	249.4	----
DFI44744	216.6	----	263.1	-------
EQ2942	245.6	--------	264.6	-------
ES Crossman	227.9	-----	282.3	----------
Rigoletto	226.1	-----	263.6	-------
Corfinio KWS	243.7	-------	260.6	------
Amaroc	248.5	--------	281.8	----------
KXB5303	242.8	-------	251.6	-----
KXB5325	223.9	-----	269.3	--------
Ricardinio	248.3	--------	234.1	-
LG 30.218	217.2	----	240.2	--
Millesim	217.8	----	262.1	-------
LG 30.248	249.5	--------	239.7	--
LG 30.215	222.3	-----	233.9	-
DKC 3440	224.9	-----	249.3	----
P8200	258.4	---------	256.3	------
Xxilo	241.1	-------	260.6	------
-Bezugsgrösse(n)	232.9	------	264.6	-------
Versuchs-Mittel	235.3	------	252.8	-----
VK [%]	8.6		9.0	
KGD (5%)	32.8		ns	
KGD (1%)	43.5		ns	
Versuchs-Streuung	20.2		22.8	
FG Fehlerterm	78.0		78.0	
Anz. Beob.	3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	39.9	---------	43.7	-------	37.5	-----	36.7	----------	42.2	----------
ES Albatros	36.9	---	39.3	---	35.7	---	32.2	----	37.1	---
Juvento	40.0	---------	41.0	----	40.0	---------	36.5	----------	40.0	-------
SY Talisman	39.5	--------	43.0	------	38.2	------	34.3	-------	42.7	----------
Gottardo KWS	39.2	-------	41.6	-----	38.5	--------	34.4	-------	40.5	--------
DKC 3531	38.1	-----	42.6	------	38.6	--------	33.2	-----	38.4	-----
Cranberri CS	39.8	--------	44.7	-------	38.4	--------	34.5	-------	39.7	------
Genialis KWS	38.6	------	39.8	---	37.6	-----	33.6	------	37.8	----
Benedictio KWS	39.4	--------	40.5	----	38.0	------	36.7	----------	40.4	-------
Havelio KWS	39.9	--------	42.0	-----	38.9	-------	35.2	--------	40.3	-------
SY Telias	37.7	-----	39.4	---	36.7	----	32.8	-----	37.8	----
ES Metronom	35.5	-	38.7	--	34.4	-	32.3	----	35.7	-
LZM263/77	38.0	-----	39.6	---	37.8	------	32.7	-----	39.8	------
LZM265/32	40.2	---------	48.4	----------	37.7	-----	33.5	------	38.8	-----
LZM265/34	40.6	----------	44.3	-------	40.3	---------	33.8	------	41.8	---------
LZM265/52	41.1	----------	48.4	----------	41.2	----------	35.7	---------	38.6	-----
SM E0342	38.3	------	45.0	--------	37.0	----	32.9	-----	39.7	------
Aga Gold	37.9	-----	41.2	-----	38.2	------	33.8	------	38.9	-----
Vitally	38.2	-----	40.8	----	36.1	---	34.0	-------	38.3	----
Aga Einstein	38.2	-----	43.1	------	36.6	----	31.7	---	37.9	----
GL Primavera	38.3	------	45.9	--------	36.1	---	33.6	------	36.7	--
SM Prezent	38.1	-----	40.7	----	36.0	---	33.2	-----	37.7	---
Oxanna	36.0	-	36.5	-	37.3	-----	33.1	-----	36.7	--
Smolidar	38.4	------	45.8	--------	35.3	--	30.9	--	39.7	------
DFI44744	36.3	--	37.0	-	34.7	-	33.9	------	36.2	-
EQ2942	39.9	--------	46.9	---------	38.3	------	34.8	--------	39.8	-------
ES Crossman	36.6	---	42.5	------	34.8	-	30.1	-	37.0	---
Rigoletto	36.6	---	40.3	----	34.3	-	32.7	-----	38.7	-----
Corfinio KWS	40.1	---------	43.7	-------	40.2	---------	35.0	--------	39.6	------
Amaroc	40.4	---------	44.7	-------	38.9	-------	34.3	-------	41.2	---------
KXB5303	38.8	-------	39.9	---	37.7	-----	35.9	---------	38.8	-----
KXB5325	38.6	------	41.1	----	37.6	-----	34.0	-------	37.4	---
Ricardinio	36.7	---	37.0	-	36.4	----	32.2	----	38.9	-----
LG 30.218	38.9	-------	43.6	-------	39.0	-------	33.0	-----	39.4	------
Millesim	38.6	------	39.9	---	39.0	-------	34.8	--------	40.0	-------
LG 30.248	38.4	------	39.3	---	39.0	-------	32.7	----	40.6	--------
LG 30.215	38.7	------	41.0	----	39.4	--------	33.6	------	38.5	-----
DKC 3440	38.6	------	40.9	----	37.6	-----	35.6	---------	37.6	---
P8200	38.2	-----	41.0	----	37.6	-----	31.9	---	39.7	------
Xxilo	38.4	------	40.5	----	37.2	-----	33.9	------	39.3	------
-Bezugsgrösse(n)	38.4	------	40.2	----	37.8	------	34.4	-------	38.6	-----
Versuchs-Mittel	38.5	------	41.9	-----	37.6	-----	33.7	------	39.0	-----
VK [%]	5.7		7.3		2.6		4.7		3.2	
KGD (5%)	1.5		6.2		1.6		2.6		2.5	
KGD (1%)	2.0		ns		2.1		3.4		3.4	
Versuchs-Streuung	2.2		3.1		1.0		1.6		1.3	
FG Fehlerterm	390.0		39.0		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	1137.8	39	6.02	***	1.43	0.0000
Anbauorte	4888.9	5	201.79	***	2.24	0.0000
WW Verf.*Anb.Orte	1334.9	195	1.41	ns	1.22	
Fehler	1889.7	390				
Insgesamt	9251.3	629				

Précocité [% MS] / Frühreife [% TS]

Verfahren	8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	40.9	------	38.4	------
ES Albatros	40.4	-----	36.7	---
Juvento	43.1	---------	39.3	--------
SY Talisman	40.7	------	38.1	------
Gottardo KWS	41.4	-------	38.8	-------
DKC 3531	39.5	-----	36.4	---
Cranberri CS	43.3	----------	38.5	-------
Genialis KWS	44.9	----------	37.7	-----
Benedictio KWS	42.8	--------	38.0	------
Havelio KWS	41.9	-------	40.9	----------
SY Telias	40.1	-----	39.8	---------
ES Metronom	36.5	-	35.7	--
LZM263/77	42.1	-------	36.3	---
LZM265/32	44.8	----------	37.8	-----
LZM265/34	43.6	---------	39.8	---------
LZM265/52	42.6	--------	39.8	---------
SM E0342	36.6	-	38.4	------
Aga Gold	39.1	----	36.4	---
Vitally	43.6	---------	36.1	---
Aga Einstein	43.0	---------	36.8	----
GL Primavera	42.0	-------	35.3	-
SM Prezent	41.6	-------	39.3	--------
Oxanna	36.0	-	36.3	---
Smolidar	41.9	-------	36.5	---
DFI44744	40.5	------	35.5	--
EQ2942	41.2	------	38.3	------
ES Crossman	40.3	-----	35.0	-
Rigoletto	37.8	---	36.1	--
Corfinio KWS	42.4	--------	39.8	---------
Amaroc	44.1	----------	39.3	--------
KXB5303	41.8	-------	39.0	-------
KXB5325	43.2	---------	38.3	------
Ricardinio	39.8	-----	35.9	--
LG 30.218	39.8	-----	38.7	-------
Millesim	40.7	------	37.3	-----
LG 30.248	42.1	-------	36.6	---
LG 30.215	41.1	------	38.7	-------
DKC 3440	41.3	------	38.3	------
P8200	40.7	------	38.4	------
Xxilo	40.4	------	39.0	-------
-Bezugsgrösse(n)	41.7	-------	38.0	------
Versuchs-Mittel	41.2	------	37.8	-----
VK [%]	9.0		3.3	
KGD (5%)	ns		2.1	
KGD (1%)	ns		2.7	
Versuchs-Streuung	3.7		1.3	
FG Fehlerterm	78.0		78.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
Colisee	0.0	-	0.0	-
ES Albatros	0.0	-	0.0	-
Juvento	0.0	-	0.0	-
SY Talisman	0.0	-	0.0	-
Gottardo KWS	0.0	-	0.0	-
DKC 3531	0.0	-	0.0	-
Cranberri CS	0.0	-	0.0	-
Genialis KWS	0.0	-	0.0	-
Benedictio KWS	0.0	-	0.0	-
Havelio KWS	0.0	-	0.0	-
SY Telias	4.2	----	4.2	----
ES Metronom	0.0	-	0.0	-
LZM263/77	0.0	-	0.0	-
LZM265/32	0.0	-	0.0	-
LZM265/34	0.0	-	0.0	-
LZM265/52	0.0	-	0.0	-
SM E0342	0.0	-	0.0	-
Aga Gold	0.0	-	0.0	-
Vitally	0.0	-	0.0	-
Aga Einstein	4.2	----	4.2	----
GL Primavera	0.0	-	0.0	-
SM Prezent	0.0	-	0.0	-
Oxanna	0.0	-	0.0	-
Smolidar	0.0	-	0.0	-
DFI44744	12.5	----------	12.5	----------
EQ2942	0.0	-	0.0	-
ES Crossman	4.2	----	4.2	----
Rigoletto	0.0	-	0.0	-
Corfinio KWS	0.0	-	0.0	-
Amaroc	0.0	-	0.0	-
KXB5303	0.0	-	0.0	-
KXB5325	0.0	-	0.0	-
Ricardinio	0.0	-	0.0	-
LG 30.218	0.0	-	0.0	-
Millesim	0.0	-	0.0	-
LG 30.248	0.0	-	0.0	-
LG 30.215	0.0	-	0.0	-
DKC 3440	0.0	-	0.0	-
P8200	0.0	-	0.0	-
Xxilo	0.0	-	0.0	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	0.6	-	0.6	-
VK [%]	616.0		616.0	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	3.9		3.9	
FG Fehlerterm	78.0		78.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
Colisee	0.0	-	0.0	-
ES Albatros	0.0	-	0.0	-
Juvento	0.0	-	0.0	-
SY Talisman	0.0	-	0.0	-
Gottardo KWS	0.0	-	0.0	-
DKC 3531	0.0	-	0.0	-
Cranberri CS	0.0	-	0.0	-
Genialis KWS	0.0	-	0.0	-
Benedictio KWS	0.0	-	0.0	-
Havelio KWS	0.0	-	0.0	-
SY Telias	0.0	-	0.0	-
ES Metronom	0.0	-	0.0	-
LZM263/77	0.0	-	0.0	-
LZM265/32	4.2	----------	4.2	----------
LZM265/34	0.0	-	0.0	-
LZM265/52	0.0	-	0.0	-
SM E0342	0.0	-	0.0	-
Aga Gold	0.0	-	0.0	-
Vitally	0.0	-	0.0	-
Aga Einstein	0.0	-	0.0	-
GL Primavera	0.0	-	0.0	-
SM Prezent	0.0	-	0.0	-
Oxanna	0.0	-	0.0	-
Smolidar	0.0	-	0.0	-
DFI44744	0.0	-	0.0	-
EQ2942	0.0	-	0.0	-
ES Crossman	0.0	-	0.0	-
Rigoletto	0.0	-	0.0	-
Corfinio KWS	0.0	-	0.0	-
Amaroc	0.0	-	0.0	-
KXB5303	0.0	-	0.0	-
KXB5325	0.0	-	0.0	-
Ricardinio	0.0	-	0.0	-
LG 30.218	0.0	-	0.0	-
Millesim	0.0	-	0.0	-
LG 30.248	4.2	----------	4.2	----------
LG 30.215	0.0	-	0.0	-
DKC 3440	0.0	-	0.0	-
P8200	0.0	-	0.0	-
Xxilo	0.0	-	0.0	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	0.2	-	0.2	-
VK [%]	779.5		779.5	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	1.6		1.6	
FG Fehlerterm	78.0		78.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
Colisee	0.0	-	0.0	-
ES Albatros	0.0	-	0.0	-
Juvento	0.0	-	0.0	-
SY Talisman	0.0	-	0.0	-
Gottardo KWS	0.0	-	0.0	-
DKC 3531	0.0	-	0.0	-
Cranberri CS	8.3	----------	8.3	----------
Genialis KWS	0.0	-	0.0	-
Benedictio KWS	0.0	-	0.0	-
Havelio KWS	0.0	-	0.0	-
SY Telias	4.2	------	4.2	------
ES Metronom	0.0	-	0.0	-
LZM263/77	0.0	-	0.0	-
LZM265/32	0.0	-	0.0	-
LZM265/34	0.0	-	0.0	-
LZM265/52	0.0	-	0.0	-
SM E0342	0.0	-	0.0	-
Aga Gold	0.0	-	0.0	-
Vitally	4.2	------	4.2	------
Aga Einstein	0.0	-	0.0	-
GL Primavera	0.0	-	0.0	-
SM Prezent	0.0	-	0.0	-
Oxanna	0.0	-	0.0	-
Smolidar	4.2	------	4.2	------
DFI44744	0.0	-	0.0	-
EQ2942	0.0	-	0.0	-
ES Crossman	0.0	-	0.0	-
Rigoletto	0.0	-	0.0	-
Corfinio KWS	0.0	-	0.0	-
Amaroc	0.0	-	0.0	-
KXB5303	4.2	------	4.2	------
KXB5325	0.0	-	0.0	-
Ricardinio	0.0	-	0.0	-
LG 30.218	0.0	-	0.0	-
Millesim	4.2	------	4.2	------
LG 30.248	0.0	-	0.0	-
LG 30.215	0.0	-	0.0	-
DKC 3440	4.2	------	4.2	------
P8200	0.0	-	0.0	-
Xxilo	0.0	-	0.0	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	0.8	--	0.8	--
VK [%]	364.3		364.3	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	3.0		3.0	
FG Fehlerterm	78.0		78.0	
Anz. Beob.	3.0		3.0	

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel		3065 Habstetten		5643 Alikon AG		8046 Reckenholz ZH		8566 Ellighausen TG	
Colisee	0.5	--	0.7	--	0.0	-	0.0	-	1.4	---
ES Albatros	0.2	-	0.0	-	0.0	-	0.0	-	0.7	--
Juvento	0.6	---	0.0	-	0.8	--	0.0	-	1.8	----
SY Talisman	0.7	---	1.5	---	0.0	-	0.0	-	1.3	---
Gottardo KWS	0.5	--	0.3	-	0.0	-	0.0	-	1.8	----
DKC 3531	0.4	--	0.0	-	1.7	----	0.0	-	0.0	-
Cranberri CS	0.9	---	1.0	--	0.0	-	0.0	-	2.4	-----
Genialis KWS	0.1	-	0.4	-	0.0	-	0.0	-	0.0	-
Benedictio KWS	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
Havelio KWS	0.8	---	0.7	--	0.0	-	0.0	-	2.3	-----
SY Telias	0.3	-	1.1	--	0.0	-	0.0	-	0.0	-
ES Metronom	3.2	----------	5.5	--------	0.8	--	5.1	----------	1.2	---
LZM263/77	1.2	-----	4.3	-------	0.0	-	0.0	-	0.6	--
LZM265/32	0.8	---	2.4	----	0.8	--	0.0	-	0.0	-
LZM265/34	1.7	------	1.4	---	0.8	--	0.0	-	4.6	---------
LZM265/52	0.3	-	0.0	-	0.0	-	1.1	---	0.0	-
SM E0342	0.2	-	0.7	--	0.0	-	0.0	-	0.0	-
Aga Gold	2.1	-------	3.1	-----	0.0	-	0.0	-	5.2	----------
Vitally	0.3	--	1.2	--	0.0	-	0.0	-	0.0	-
Aga Einstein	1.6	------	0.4	-	4.8	----------	0.0	-	1.2	---
GL Primavera	1.6	------	2.8	-----	0.0	-	2.4	-----	1.2	---
SM Prezent	1.1	----	1.5	---	0.0	-	0.0	-	3.0	------
Oxanna	1.8	------	0.8	--	5.2	----------	0.0	-	1.2	---
Smolidar	1.2	-----	2.6	----	0.0	-	1.1	---	1.2	---
DFI44744	2.0	-------	0.8	--	3.7	--------	0.0	-	3.5	-------
EQ2942	0.2	-	0.0	-	0.0	-	0.0	-	0.6	--
ES Crossman	0.1	-	0.4	-	0.0	-	0.0	-	0.0	-
Rigoletto	1.8	------	2.7	----	1.8	----	0.0	-	2.6	------
Corfinio KWS	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
Amaroc	0.7	---	1.1	--	0.0	-	0.0	-	1.8	----
KXB5303	1.9	-------	7.1	----------	0.0	-	0.5	--	0.0	-
KXB5325	0.4	--	0.4	-	0.0	-	0.0	-	1.2	---
Ricardinio	1.2	----	1.5	---	0.8	--	0.0	-	2.3	-----
LG 30.218	0.4	--	0.4	-	0.0	-	1.0	---	0.0	-
Millesim	1.5	-----	2.6	----	1.7	----	1.1	---	0.6	--
LG 30.248	0.3	--	1.2	--	0.0	-	0.0	-	0.0	-
LG 30.215	0.6	---	0.7	--	0.0	-	0.0	-	1.9	----
DKC 3440	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-
P8200	1.4	-----	4.2	-------	0.0	-	0.0	-	1.2	---
Xxilo	0.5	--	0.8	--	0.0	-	0.0	-	1.3	---
-Bezugsgrösse(n)	0.4	--	0.0	-	0.4	-	0.0	-	1.2	---
Versuchs-Mittel	0.9	---	1.4	---	0.6	--	0.3	-	1.2	---
VK [%]	235.8		191.9		287.7		389.5		180.7	
KGD (5%)	ns		ns		ns		2.0		ns	
KGD (1%)	ns		ns		ns		ns		ns	
Versuchs-Streuung	2.1		2.7		1.6		1.2		2.2	
FG Fehlerterm	273.0		78.0		39.0		78.0		78.0	
Anz. Beob.	11.0		3.0		2.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	232.3	39	1.41	ns	1.44	0.0629
Anbauorte	87.6	3	6.90	***	2.64	0.0003
WW Verf.*Anb.Orte	489.7	117	0.99	ns	1.28	
Fehler	1155.0	273				
Insgesamt	1964.6	432				

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	9.4	-------	9.2	---------	10.0	----------	9.1	------	9.5	-------
ES Albatros	9.2	----	9.5	----------	9.9	----------	8.5	---	9.3	-----
Juvento	9.4	-------	9.4	----------	10.0	----------	9.3	-------	9.7	-------
SY Talisman	9.5	-------	9.1	---------	9.9	---------	8.7	----	10.3	----------
Gottardo KWS	9.0	-	5.1	-	9.8	---------	9.8	----------	10.0	---------
DKC 3531	9.2	---	9.1	---------	9.7	--------	8.6	---	9.2	-----
Cranberri CS	9.6	---------	9.6	----------	9.8	---------	9.4	--------	9.9	---------
Genialis KWS	9.4	-------	9.6	----------	10.0	----------	9.2	-------	9.4	------
Benedictio KWS	9.5	--------	9.3	---------	9.9	----------	9.3	-------	10.2	----------
Havelio KWS	9.4	-------	9.3	----------	10.0	----------	9.4	--------	9.8	--------
SY Telias	9.3	----	9.2	---------	9.7	-------	8.9	-----	8.5	-
ES Metronom	9.4	------	9.4	----------	9.4	-----	9.1	------	9.4	------
LZM263/77	9.5	--------	9.2	---------	9.7	-------	9.4	--------	10.1	----------
LZM265/32	9.6	---------	9.5	----------	10.0	----------	9.8	----------	8.7	--
LZM265/34	9.7	----------	9.4	----------	10.0	----------	9.6	---------	9.7	-------
LZM265/52	9.4	-------	9.3	---------	9.9	---------	9.6	---------	8.8	---
SM E0342	9.5	--------	9.3	---------	10.0	----------	9.4	--------	9.6	-------
Aga Gold	9.2	----	9.4	----------	9.9	----------	8.8	----	9.2	-----
Vitally	9.4	------	9.3	---------	10.0	----------	8.5	---	9.5	-------
Aga Einstein	9.2	----	9.0	---------	9.9	----------	8.5	--	9.7	--------
GL Primavera	9.1	--	9.6	----------	9.9	----------	9.0	------	8.4	-
SM Prezent	9.2	----	9.1	---------	10.0	----------	9.2	-------	8.6	--
Oxanna	9.3	------	9.3	---------	10.0	----------	8.8	----	10.1	---------
Smolidar	9.3	-----	9.6	----------	10.0	----------	8.8	----	9.0	----
DFI44744	9.6	---------	9.2	---------	10.0	----------	9.3	--------	10.2	----------
EQ2942	9.5	--------	9.6	----------	9.9	----------	8.8	----	10.2	----------
ES Crossman	9.0	-	8.8	--------	9.1	-	8.2	-	8.5	-
Rigoletto	9.2	----	9.2	---------	10.0	----------	8.7	---	9.0	----
Corfinio KWS	9.6	---------	9.6	----------	10.0	----------	9.3	--------	9.6	-------
Amaroc	9.7	----------	9.8	----------	10.0	----------	9.5	--------	10.1	---------
KXB5303	9.5	-------	9.3	----------	9.3	---	9.6	---------	10.3	----------
KXB5325	9.6	---------	9.8	----------	10.0	----------	9.6	---------	9.6	-------
Ricardinio	9.5	-------	9.3	---------	10.0	----------	9.1	------	9.9	--------
LG 30.218	9.4	-------	9.4	----------	10.0	----------	9.5	--------	8.9	---
Millesim	9.4	------	8.8	--------	10.0	----------	9.1	------	10.2	----------
LG 30.248	9.1	---	9.2	---------	9.8	---------	8.5	--	9.1	----
LG 30.215	9.4	-------	9.5	----------	9.6	-------	9.3	-------	9.3	-----
DKC 3440	9.3	------	9.5	----------	10.0	----------	8.9	-----	9.3	-----
P8200	9.5	--------	9.3	----------	9.8	---------	9.5	---------	9.2	-----
Xxilo	9.4	------	8.8	--------	10.0	----------	9.0	------	9.7	-------
-Bezugsgrösse(n)	9.3	-----	9.4	----------	10.0	----------	8.9	-----	9.5	------
Versuchs-Mittel	9.4	------	9.2	---------	9.9	---------	9.1	------	9.5	------
VK [%]	4.8		10.5		3.3		4.3		6.9	
KGD (5%)	0.3		ns		ns		0.6		ns	
KGD (1%)	0.4		ns		ns		0.8		ns	
Versuchs-Streuung	0.4		1.0		0.3		0.4		0.7	
FG Fehlerterm	468.0		39.0		78.0		78.0		39.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	21.0	39	2.68	***	1.43	0.0002
Anbauorte	58.4	6	48.42	***	2.12	0.0000
WW Verf.*Anb.Orte	114.3	234	2.43	***	1.20	0.0001
Fehler	94.1	468				
Insgesamt	287.9	747				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	9.7	-------	9.4	-----	9.2	-------
ES Albatros	8.9	--	9.4	-------	9.0	----
Juvento	9.5	-----	9.2	--	9.0	----
SY Talisman	9.6	------	9.6	---------	9.0	-----
Gottardo KWS	10.1	---------	9.4	------	9.0	-----
DKC 3531	9.3	----	9.3	----	9.0	----
Cranberri CS	9.6	------	9.7	----------	9.1	-----
Genialis KWS	9.3	----	9.2	----	9.2	--------
Benedictio KWS	9.8	-------	9.2	---	9.1	-----
Havelio KWS	9.3	----	9.2	---	9.0	----
SY Telias	10.0	--------	9.5	--------	9.0	-----
ES Metronom	9.3	----	9.5	--------	9.4	----------
LZM263/77	9.7	-------	9.4	------	9.0	----
LZM265/32	10.3	----------	9.4	------	9.2	-------
LZM265/34	10.4	----------	9.6	---------	9.1	------
LZM265/52	9.8	-------	9.5	-------	9.1	-------
SM E0342	9.6	-----	9.5	-------	9.2	--------
Aga Gold	8.8	-	9.4	------	9.2	-------
Vitally	9.6	------	9.5	--------	9.1	-----
Aga Einstein	9.0	--	9.5	-------	9.1	------
GL Primavera	8.7	-	9.1	-	9.0	----
SM Prezent	9.0	--	9.6	---------	9.1	------
Oxanna	9.1	---	9.1	-	9.0	----
Smolidar	9.1	---	9.4	------	9.2	-------
DFI44744	9.8	-------	9.4	-------	9.0	----
EQ2942	9.4	-----	9.6	----------	9.0	-----
ES Crossman	9.8	-------	9.6	--------	9.0	----
Rigoletto	9.6	------	9.5	--------	8.8	-
Corfinio KWS	9.9	-------	9.5	--------	9.0	----
Amaroc	10.0	--------	9.4	-----	8.9	---
KXB5303	9.5	-----	9.3	----	8.9	--
KXB5325	9.6	------	9.4	------	9.0	----
Ricardinio	9.3	----	9.6	---------	9.1	------
LG 30.218	9.7	------	9.6	--------	9.0	----
Millesim	9.5	-----	9.3	----	9.0	----
LG 30.248	9.0	--	9.3	-----	9.0	----
LG 30.215	9.9	-------	9.4	-------	8.9	--
DKC 3440	9.5	-----	9.4	------	8.9	--
P8200	10.3	----------	9.4	-------	8.9	---
Xxilo	9.8	-------	9.5	--------	8.9	---
-Bezugsgrösse(n)	9.2	----	9.3	----	9.0	----
Versuchs-Mittel	9.6	------	9.4	------	9.0	-----
VK [%]	4.0		2.9		2.3	
KGD (5%)	0.6		ns		ns	
KGD (1%)	0.8		ns		ns	
Versuchs-Streuung	0.4		0.3		0.2	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		3065 Habstetten		8046 Reckenholz ZH		8566 Ellighausen TG	
Colisee	45.3	-----	48.9	-----	43.0	----	42.1	------	47.2	------
ES Albatros	45.9	------	50.5	------	43.9	-----	40.7	-----	48.5	------
Juvento	44.3	----	48.4	----	43.0	----	41.7	------	44.2	---
SY Talisman	43.4	---	48.8	-----	38.5	-	40.5	-----	45.6	----
Gottardo KWS	42.7	--	45.0	---	44.8	------	36.8	--	44.3	----
DKC 3531	42.5	--	43.4	--	42.3	----	40.0	----	44.3	----
Cranberri CS	42.8	---	46.0	---	41.4	---	39.4	----	44.3	----
Genialis KWS	43.9	----	41.3	-	43.1	----	39.9	----	51.3	--------
Benedictio KWS	49.1	----------	51.6	------	48.0	--------	43.7	--------	53.2	----------
Havelio KWS	46.0	------	47.0	----	44.0	-----	41.3	------	51.7	---------
SY Telias	46.2	------	47.8	----	48.7	---------	40.6	-----	47.4	------
ES Metronom	43.0	---	46.8	----	38.1	-	41.2	-----	46.0	-----
LZM263/77	43.2	---	44.5	--	43.4	-----	38.4	---	46.3	-----
LZM265/32	48.3	---------	46.7	----	51.0	----------	41.9	------	53.7	----------
LZM265/34	44.6	-----	48.6	-----	43.1	----	39.3	----	47.3	------
LZM265/52	44.4	----	42.0	-	45.7	------	40.8	-----	49.1	-------
SM E0342	49.6	----------	51.1	------	45.6	------	47.4	----------	54.5	----------
Aga Gold	43.1	---	42.8	-	42.2	----	41.7	------	45.7	-----
Vitally	46.5	-------	51.0	------	44.1	-----	39.9	----	50.9	--------
Aga Einstein	45.2	-----	41.4	-	46.5	-------	43.4	-------	49.7	-------
GL Primavera	47.3	--------	44.8	--	50.8	----------	42.5	------	51.2	--------
SM Prezent	49.0	----------	50.4	------	47.1	--------	45.5	---------	52.9	----------
Oxanna	45.9	------	48.4	----	46.1	-------	40.6	-----	48.3	------
Smolidar	49.1	----------	58.4	----------	40.7	---	44.0	--------	53.2	----------
DFI44744	41.1	-	43.8	--	45.0	------	35.5	-	40.0	-
EQ2942	44.0	----	45.7	---	42.3	----	39.2	----	48.7	-------
ES Crossman	45.1	-----	50.1	-----	47.7	--------	39.3	----	43.1	---
Rigoletto	45.8	------	48.5	-----	43.0	----	42.0	------	49.5	-------
Corfinio KWS	49.9	----------	59.7	----------	47.5	--------	43.5	-------	49.0	-------
Amaroc	48.5	---------	53.0	-------	46.9	-------	42.0	------	52.1	---------
KXB5303	44.8	-----	45.0	---	43.0	----	44.2	--------	47.1	-----
KXB5325	48.4	---------	53.7	-------	45.4	------	44.3	--------	50.1	--------
Ricardinio	46.5	-------	47.1	----	47.9	--------	43.0	-------	47.8	------
LG 30.218	43.0	---	44.0	--	41.1	---	41.0	-----	45.9	-----
Millesim	42.4	--	45.1	---	40.7	---	40.9	-----	42.9	---
LG 30.248	44.1	----	48.0	----	43.5	-----	40.3	-----	44.7	----
LG 30.215	42.8	---	42.7	-	39.2	-	42.5	------	46.9	-----
DKC 3440	41.7	-	41.7	-	43.0	----	41.3	------	40.8	-
P8200	46.3	------	49.0	-----	47.1	--------	42.3	------	46.6	-----
Xxilo	46.5	-------	48.5	-----	44.0	-----	43.6	-------	50.0	--------
-Bezugsgrösse(n)	45.1	-----	49.4	-----	43.5	-----	41.2	-----	46.4	-----
Versuchs-Mittel	45.3	-----	47.5	----	44.3	-----	41.5	------	47.9	------
VK [%]	7.9		10.8		9.0		6.1		6.6	
KGD (5%)	2.9		ns		6.5		4.1		5.1	
KGD (1%)	3.8		ns		ns		5.4		6.8	
Versuchs-Streuung	3.6		5.1		4.0		2.5		3.2	
FG Fehlerterm	273.0		39.0		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	2648.3	39	5.24	***	1.44	0.0000
Anbauorte	3303.2	3	85.00	***	2.64	0.0000
WW Verf.*Anb.Orte	2527.2	117	1.67	ns	1.28	
Fehler	3536.6	273				
Insgesamt	12015.3	432				

Floraison [jours] / Blühbeginn [Tage]

Verfahren	Seriemittel		1260 Nyon		3065 Habstetten		8046 Reckenholz ZH		8566 Ellighausen TG	
Colisee	78.3	--	75.0	--	82.0	--	77.7	--	78.7	---
ES Albatros	81.2	--------	77.5	--------	85.7	-------	81.3	---------	80.3	-----
Juvento	77.7	-	75.0	--	81.3	-	77.0	-	77.3	-
SY Talisman	81.7	---------	77.5	--------	88.7	----------	78.7	----	82.0	--------
Gottardo KWS	79.5	----	75.0	--	83.7	----	79.0	----	80.3	-----
DKC 3531	79.8	-----	78.0	---------	81.7	-	79.0	----	80.3	-----
Cranberri CS	78.8	---	78.0	---------	81.0	-	77.7	--	78.3	--
Genialis KWS	80.8	-------	78.0	---------	85.3	------	79.7	------	80.3	-----
Benedictio KWS	80.6	-------	78.0	---------	83.7	----	79.3	-----	81.3	-------
Havelio KWS	79.2	----	76.0	----	83.3	----	78.0	--	79.3	----
SY Telias	81.1	--------	78.0	---------	86.0	-------	79.3	-----	81.0	------
ES Metronom	80.4	------	77.0	-------	84.0	-----	78.7	----	82.0	--------
LZM263/77	79.4	----	75.0	--	85.0	------	78.3	---	79.3	----
LZM265/32	80.8	-------	78.0	---------	83.7	----	80.0	------	81.3	-------
LZM265/34	79.1	----	75.5	---	83.3	----	78.7	----	79.0	---
LZM265/52	79.5	----	75.0	--	83.7	----	78.7	----	80.7	------
SM E0342	82.1	----------	78.0	---------	86.0	-------	80.7	-------	83.7	----------
Aga Gold	77.9	-	75.0	--	81.0	-	77.7	--	78.0	--
Vitally	79.6	-----	76.5	------	84.0	-----	79.7	------	78.3	--
Aga Einstein	81.4	--------	78.0	---------	87.0	--------	79.3	-----	81.3	-------
GL Primavera	81.1	--------	75.5	---	86.7	--------	80.0	------	82.3	--------
SM Prezent	80.4	------	78.0	---------	85.0	------	78.0	--	80.7	------
Oxanna	78.5	--	75.0	--	83.7	----	77.7	--	77.7	-
Smolidar	80.9	-------	77.0	-------	85.0	------	79.0	----	82.7	---------
DFI44744	80.2	------	78.5	----------	84.3	-----	78.0	--	80.0	-----
EQ2942	81.6	---------	78.5	----------	85.0	------	82.0	----------	81.0	------
ES Crossman	80.3	------	78.0	---------	85.3	------	78.7	----	79.3	----
Rigoletto	81.0	--------	78.5	----------	86.0	-------	79.3	-----	80.0	-----
Corfinio KWS	81.3	--------	78.0	---------	85.3	------	79.7	------	82.0	--------
Amaroc	82.4	----------	78.0	---------	87.3	---------	82.3	----------	82.0	--------
KXB5303	78.1	-	75.0	--	81.0	-	77.7	--	78.7	---
KXB5325	81.4	--------	78.0	---------	86.0	-------	80.3	-------	81.3	-------
Ricardinio	79.1	----	76.5	------	82.7	---	77.7	--	79.7	----
LG 30.218	79.5	----	76.5	------	83.3	----	78.3	---	79.7	----
Millesim	78.0	-	74.5	-	81.3	-	77.7	--	78.3	--
LG 30.248	79.8	-----	77.0	-------	83.7	----	77.7	--	80.7	------
LG 30.215	79.3	----	76.0	----	84.3	-----	77.7	--	79.0	---
DKC 3440	80.9	-------	78.0	---------	84.0	-----	80.7	-------	81.0	------
P8200	80.7	-------	77.5	--------	85.0	------	78.7	----	81.7	-------
Xxilo	79.3	----	76.0	----	82.7	---	78.7	----	80.0	-----
-Bezugsgrösse(n)	79.4	----	76.3	-----	83.5	----	79.2	-----	78.8	---
Versuchs-Mittel	80.1	------	76.9	------	84.2	-----	79.0	----	80.3	-----
VK [%]	1.5		1.1		1.9		1.3		1.4	
KGD (5%)	1.0		1.7		2.7		1.7		1.9	
KGD (1%)	1.3		2.2		3.5		2.2		2.5	
Versuchs-Streuung	1.2		0.8		1.6		1.0		1.1	
FG Fehlerterm	273.0		39.0		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	709.2	39	11.82	***	1.44	0.0000
Anbauorte	3437.9	3	744.89	***	2.64	0.0000
WW Verf.*Anb.Orte	332.6	117	1.85	***	1.28	0.0007
Fehler	420.0	273				
Insgesamt	4899.7	432				

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	6.4	------	6.3	-------	6.4	----	6.4	-------	6.3	--
ES Albatros	6.3	-----	6.2	-----	6.3	---	6.3	-----	6.4	----
Juvento	6.4	------	6.3	-------	6.4	---	6.4	-------	6.6	------
SY Talisman	6.5	---------	6.4	---------	6.6	-------	6.4	-------	6.7	-------
Gottardo KWS	6.3	-----	6.5	---------	6.4	----	6.4	-------	6.3	--
DKC 3531	6.5	----------	6.5	---------	6.8	----------	6.3	------	6.6	------
Cranberri CS	6.4	-------	6.4	--------	6.7	---------	6.4	-------	6.5	-----
Genialis KWS	6.4	--------	6.5	----------	6.6	-------	6.6	----------	6.4	---
Benedictio KWS	6.4	--------	6.5	----------	6.6	--------	6.4	-------	6.6	-----
Havelio KWS	6.5	---------	6.4	--------	6.6	--------	6.4	-------	6.6	------
SY Telias	6.4	--------	6.4	---------	6.6	-------	6.3	------	6.9	---------
ES Metronom	6.4	------	6.5	---------	6.4	---	6.1	--	6.6	------
LZM263/77	6.5	----------	6.4	--------	6.8	----------	6.4	-------	6.8	---------
LZM265/32	6.3	----	5.8	-	6.5	-----	6.3	-----	6.5	-----
LZM265/34	6.3	-----	6.4	--------	6.6	------	6.3	------	6.3	--
LZM265/52	6.3	----	6.1	-----	6.6	-------	6.5	---------	6.5	-----
SM E0342	6.3	---	6.1	-----	6.6	-------	6.1	---	6.5	----
Aga Gold	6.3	----	6.2	-----	6.4	----	6.2	----	6.2	-
Vitally	6.3	---	6.1	-----	6.5	-----	6.2	----	6.4	---
Aga Einstein	6.2	---	6.2	------	6.4	----	6.2	---	6.5	----
GL Primavera	6.2	--	6.3	-------	6.2	-	6.3	------	6.5	----
SM Prezent	6.2	-	6.3	-------	6.4	---	6.0	-	6.3	--
Oxanna	6.3	----	6.2	-----	6.5	------	6.3	-----	6.3	--
Smolidar	6.2	--	6.0	---	6.5	-----	6.2	----	6.5	----
DFI44744	6.3	-----	6.5	----------	6.5	-----	6.3	-----	6.4	---
EQ2942	6.2	-	5.9	-	6.4	---	6.4	-------	6.2	-
ES Crossman	6.4	-------	6.4	--------	6.5	-----	6.5	--------	6.4	----
Rigoletto	6.4	------	6.3	-------	6.5	------	6.4	------	6.4	---
Corfinio KWS	6.3	------	6.1	----	6.5	-----	6.3	-----	6.5	-----
Amaroc	6.4	-------	6.4	--------	6.7	---------	6.5	--------	6.6	-----
KXB5303	6.4	--------	6.5	----------	6.6	-------	6.6	----------	6.6	------
KXB5325	6.3	----	6.1	-----	6.4	----	6.3	------	6.6	------
Ricardinio	6.4	-------	6.5	---------	6.5	------	6.3	------	6.4	---
LG 30.218	6.5	---------	6.4	--------	6.7	---------	6.6	----------	6.6	------
Millesim	6.5	----------	6.6	----------	6.6	-------	6.5	---------	6.5	----
LG 30.248	6.6	----------	6.4	---------	6.7	---------	6.6	----------	6.6	------
LG 30.215	6.4	------	6.2	------	6.5	-----	6.3	------	7.0	----------
DKC 3440	6.4	-------	6.3	-------	6.5	-----	6.5	--------	6.5	-----
P8200	6.3	---	6.2	------	6.4	----	6.1	--	6.6	-----
Xxilo	6.4	-------	6.4	---------	6.5	------	6.3	-----	6.4	---
-Bezugsgrösse(n)	6.4	------	6.2	------	6.4	---	6.3	------	6.5	-----
Versuchs-Mittel	6.4	------	6.3	-------	6.5	------	6.4	------	6.5	-----
VK [%]	2.8		3.3		1.9		2.5		2.7	
KGD (5%)	0.1		ns		0.2		0.3		0.4	
KGD (1%)	0.1		ns		0.3		0.3		ns	
Versuchs-Streuung	0.2		0.2		0.1		0.2		0.2	
FG Fehlerterm	467.0		39.0		78.0		78.0		38.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	8.4	39	6.71	***	1.43	0.0000
Anbauorte	10.2	6	53.25	***	2.12	0.0000
WW Verf.*Anb.Orte	11.7	234	1.56	ns	1.20	
Fehler	15.0	467				
Insgesamt	45.2	746				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	6.5	---------	6.3	-------	6.4	-------
ES Albatros	6.6	----------	6.2	------	6.4	------
Juvento	6.6	----------	6.2	------	6.3	-----
SY Talisman	6.4	-------	6.5	---------	6.4	------
Gottardo KWS	6.2	---	6.1	-----	6.4	------
DKC 3531	6.5	----------	6.3	-------	6.7	----------
Cranberri CS	6.2	---	6.2	------	6.3	------
Genialis KWS	6.2	----	6.4	--------	6.4	------
Benedictio KWS	6.3	-----	6.1	-----	6.5	--------
Havelio KWS	6.5	--------	6.6	----------	6.3	-----
SY Telias	6.3	-----	6.4	--------	6.3	----
ES Metronom	6.3	----	6.4	--------	6.5	--------
LZM263/77	6.5	---------	6.4	--------	6.4	-------
LZM265/32	6.3	-----	6.1	-----	6.5	--------
LZM265/34	6.2	---	6.1	----	6.6	---------
LZM265/52	6.2	---	5.9	---	6.2	----
SM E0342	6.4	------	6.1	----	6.1	--
Aga Gold	6.3	----	6.2	------	6.4	-------
Vitally	6.2	---	5.9	---	6.4	-------
Aga Einstein	6.2	---	6.0	----	6.1	---
GL Primavera	6.1	-	6.0	---	6.0	-
SM Prezent	6.1	-	5.9	--	6.2	---
Oxanna	6.3	------	6.1	-----	6.3	------
Smolidar	6.1	--	5.7	-	6.4	-------
DFI44744	6.4	-------	5.9	---	6.4	------
EQ2942	6.3	-----	6.1	----	6.1	--
ES Crossman	6.3	------	6.2	-----	6.6	---------
Rigoletto	6.3	-----	6.2	------	6.4	-------
Corfinio KWS	6.3	-----	6.2	------	6.6	---------
Amaroc	6.4	-------	5.8	--	6.4	-------
KXB5303	6.5	--------	5.9	--	6.5	---------
KXB5325	6.2	--	6.1	----	6.4	------
Ricardinio	6.4	------	6.3	--------	6.4	-------
LG 30.218	6.4	-------	6.4	--------	6.4	-------
Millesim	6.6	----------	6.6	----------	6.4	-------
LG 30.248	6.4	--------	6.4	--------	6.7	----------
LG 30.215	6.3	----	6.1	-----	6.2	----
DKC 3440	6.5	----------	6.2	------	6.4	-------
P8200	6.2	----	6.2	------	6.1	--
Xxilo	6.5	----------	6.3	-------	6.3	------
-Bezugsgrösse(n)	6.6	----------	6.2	------	6.3	------
Versuchs-Mittel	6.3	------	6.2	------	6.4	------
VK [%]	2.1		4.1		2.9	
KGD (5%)	0.2		0.4		0.3	
KGD (1%)	0.3		0.5		0.4	
Versuchs-Streuung	0.1		0.3		0.2	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	6.6	-------	6.5	--------	6.6	----	6.6	-------	6.5	--
ES Albatros	6.5	-----	6.3	------	6.5	---	6.4	-----	6.6	----
Juvento	6.6	------	6.4	-------	6.5	---	6.6	-------	6.9	------
SY Talisman	6.7	---------	6.6	---------	6.8	-------	6.6	-------	6.9	-------
Gottardo KWS	6.5	-----	6.7	----------	6.6	----	6.6	--------	6.5	--
DKC 3531	6.7	----------	6.7	----------	7.1	----------	6.5	------	6.9	------
Cranberri CS	6.6	-------	6.6	---------	7.0	---------	6.6	--------	6.8	-----
Genialis KWS	6.6	--------	6.7	----------	6.8	-------	6.8	---------	6.5	---
Benedictio KWS	6.6	-------	6.7	----------	6.9	-------	6.6	-------	6.8	-----
Havelio KWS	6.7	---------	6.6	---------	6.9	--------	6.6	-------	6.9	------
SY Telias	6.6	--------	6.6	---------	6.8	-------	6.5	------	7.2	---------
ES Metronom	6.6	------	6.7	----------	6.5	---	6.2	---	6.9	------
LZM263/77	6.7	----------	6.5	--------	7.1	----------	6.6	-------	7.1	--------
LZM265/32	6.4	----	5.8	-	6.7	-----	6.4	-----	6.7	-----
LZM265/34	6.5	-----	6.5	--------	6.8	------	6.5	------	6.5	--
LZM265/52	6.5	-----	6.2	-----	6.8	-------	6.7	---------	6.7	-----
SM E0342	6.4	---	6.2	-----	6.8	-------	6.2	---	6.7	----
Aga Gold	6.4	----	6.3	------	6.6	----	6.3	---	6.3	-
Vitally	6.4	----	6.3	------	6.7	------	6.4	-----	6.5	---
Aga Einstein	6.4	---	6.4	-------	6.6	----	6.3	----	6.7	----
GL Primavera	6.3	--	6.3	------	6.3	-	6.5	------	6.7	----
SM Prezent	6.2	-	6.4	-------	6.5	---	6.0	-	6.4	--
Oxanna	6.4	----	6.3	------	6.7	------	6.4	----	6.4	--
Smolidar	6.3	--	6.0	---	6.7	-----	6.3	----	6.6	----
DFI44744	6.5	-----	6.7	----------	6.7	-----	6.4	-----	6.6	---
EQ2942	6.3	-	5.9	--	6.5	---	6.6	-------	6.3	-
ES Crossman	6.6	-------	6.5	--------	6.7	-----	6.7	--------	6.6	---
Rigoletto	6.5	------	6.5	--------	6.8	------	6.5	------	6.5	---
Corfinio KWS	6.5	------	6.1	----	6.7	-----	6.5	------	6.7	----
Amaroc	6.6	------	6.5	--------	7.0	---------	6.6	--------	6.8	-----
KXB5303	6.6	--------	6.7	----------	6.8	-------	6.8	---------	6.8	------
KXB5325	6.4	----	6.2	-----	6.6	----	6.5	------	6.9	------
Ricardinio	6.6	-------	6.6	---------	6.7	------	6.5	------	6.6	---
LG 30.218	6.7	----------	6.5	--------	7.0	---------	6.9	----------	6.8	------
Millesim	6.8	----------	6.8	----------	6.8	-------	6.8	---------	6.7	----
LG 30.248	6.8	----------	6.6	---------	7.0	---------	6.9	----------	6.9	------
LG 30.215	6.5	------	6.3	------	6.7	-----	6.5	------	7.3	----------
DKC 3440	6.6	-------	6.5	--------	6.6	-----	6.7	--------	6.8	-----
P8200	6.4	---	6.4	-------	6.6	----	6.2	--	6.8	-----
Xxilo	6.6	-------	6.6	---------	6.7	------	6.4	-----	6.5	---
-Bezugsgrösse(n)	6.5	------	6.4	-------	6.5	---	6.5	------	6.7	-----
Versuchs-Mittel	6.5	------	6.4	-------	6.7	------	6.5	------	6.7	----
VK [%]	3.6		4.2		2.4		3.1		3.4	
KGD (5%)	0.1		ns		0.3		0.3		0.5	
KGD (1%)	0.2		ns		0.4		0.4		ns	
Versuchs-Streuung	0.2		0.3		0.2		0.2		0.2	
FG Fehlerterm	467.0		39.0		78.0		78.0		38.0	
Anz. Beob.	20.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	14.5	39	6.82	***	1.43	0.0000
Anbauorte	17.0	6	52.15	***	2.12	0.0000
WW Verf.*Anb.Orte	19.6	234	1.54	ns	1.20	
Fehler	25.4	467				
Insgesamt	76.5	746				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	6.8	----------	6.4	------	6.6	-------
ES Albatros	6.8	----------	6.3	------	6.6	------
Juvento	6.8	----------	6.3	------	6.4	-----
SY Talisman	6.6	-------	6.7	---------	6.5	------
Gottardo KWS	6.3	---	6.2	-----	6.6	------
DKC 3531	6.7	----------	6.4	-------	6.9	----------
Cranberri CS	6.3	---	6.3	------	6.5	------
Genialis KWS	6.4	----	6.6	--------	6.5	------
Benedictio KWS	6.5	-----	6.2	-----	6.6	-------
Havelio KWS	6.6	--------	6.8	----------	6.4	-----
SY Telias	6.5	-----	6.5	--------	6.4	----
ES Metronom	6.4	----	6.5	--------	6.7	--------
LZM263/77	6.7	---------	6.6	--------	6.6	-------
LZM265/32	6.3	---	6.2	-----	6.7	--------
LZM265/34	6.3	---	6.1	----	6.8	---------
LZM265/52	6.3	---	6.0	---	6.4	----
SM E0342	6.5	------	6.1	----	6.2	--
Aga Gold	6.4	----	6.3	------	6.6	-------
Vitally	6.3	---	5.9	--	6.6	-------
Aga Einstein	6.3	---	6.1	----	6.2	---
GL Primavera	6.2	-	6.0	---	6.1	-
SM Prezent	6.2	-	5.9	--	6.3	---
Oxanna	6.5	------	6.2	-----	6.5	------
Smolidar	6.2	--	5.7	-	6.6	-------
DFI44744	6.6	-------	6.0	---	6.5	------
EQ2942	6.5	-----	6.1	----	6.2	-
ES Crossman	6.5	------	6.3	-----	6.8	---------
Rigoletto	6.4	-----	6.4	------	6.6	-------
Corfinio KWS	6.5	-----	6.4	------	6.8	---------
Amaroc	6.6	-------	5.8	--	6.6	-------
KXB5303	6.6	--------	5.9	--	6.7	---------
KXB5325	6.3	--	6.1	----	6.5	------
Ricardinio	6.5	------	6.5	--------	6.6	-------
LG 30.218	6.6	-------	6.6	--------	6.6	-------
Millesim	6.8	----------	6.9	----------	6.6	-------
LG 30.248	6.6	--------	6.6	--------	6.9	----------
LG 30.215	6.4	----	6.2	-----	6.4	----
DKC 3440	6.8	----------	6.3	------	6.6	-------
P8200	6.3	----	6.3	------	6.2	--
Xxilo	6.7	----------	6.4	-------	6.5	------
-Bezugsgrösse(n)	6.8	----------	6.3	------	6.5	------
Versuchs-Mittel	6.5	------	6.3	------	6.5	------
VK [%]	2.8		5.2		3.6	
KGD (5%)	0.3		0.5		0.4	
KGD (1%)	0.4		0.7		0.5	
Versuchs-Streuung	0.2		0.3		0.2	
FG Fehlerterm	78.0		78.0		78.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	145.7	----	118.5	----	134.9	-------	125.5	---	162.6	-----
ES Albatros	157.8	--------	140.5	---------	145.7	---------	138.9	-------	158.2	----
Juvento	148.9	-----	134.9	-------	131.2	------	133.8	-----	167.5	-----
SY Talisman	137.0	-	124.1	-----	121.0	---	125.0	---	117.0	-
Gottardo KWS	151.0	-----	146.3	----------	127.0	-----	138.7	-------	162.3	-----
DKC 3531	147.6	----	121.9	----	142.6	--------	122.1	--	159.3	-----
Cranberri CS	145.9	----	122.4	----	140.2	--------	126.9	---	165.8	-----
Genialis KWS	150.8	-----	139.3	--------	142.5	--------	138.2	-------	151.1	----
Benedictio KWS	154.1	------	135.0	-------	151.6	----------	146.6	---------	132.8	--
Havelio KWS	153.8	------	133.4	-------	136.9	-------	139.2	-------	155.2	----
SY Telias	158.0	--------	136.4	--------	143.7	---------	128.3	----	177.0	------
ES Metronom	153.6	------	138.2	--------	136.4	-------	130.1	----	172.9	------
LZM263/77	152.4	------	130.8	------	141.5	--------	136.3	------	158.6	----
LZM265/32	157.5	--------	108.7	-	134.9	-------	137.5	------	224.4	----------
LZM265/34	155.5	-------	148.4	----------	137.3	-------	133.4	-----	162.3	-----
LZM265/52	147.2	----	106.2	-	127.2	-----	145.3	---------	165.9	-----
SM E0342	153.5	------	133.4	-------	142.9	--------	126.4	---	174.7	------
Aga Gold	136.7	-	111.8	--	134.2	------	124.2	--	154.2	----
Vitally	141.5	--	131.2	-------	132.3	------	125.8	---	141.6	---
Aga Einstein	156.2	-------	131.8	-------	142.5	--------	131.9	-----	183.2	-------
GL Primavera	138.1	-	128.4	------	132.3	------	127.6	---	142.4	---
SM Prezent	144.8	---	131.4	-------	142.1	--------	124.7	---	140.6	---
Oxanna	136.6	-	119.4	----	108.1	-	123.7	--	146.7	---
Smolidar	146.8	----	117.5	---	134.8	-------	118.3	-	178.2	------
DFI44744	150.9	-----	139.1	--------	140.4	--------	129.5	----	168.0	-----
EQ2942	151.3	------	127.5	------	139.0	-------	128.0	----	168.8	-----
ES Crossman	153.1	------	141.9	---------	138.2	-------	129.2	----	150.6	----
Rigoletto	144.9	---	123.8	-----	144.5	---------	140.4	-------	118.5	-
Corfinio KWS	152.9	------	116.2	---	146.2	---------	150.9	----------	147.8	---
Amaroc	166.4	----------	133.4	-------	152.5	----------	149.4	----------	201.6	--------
KXB5303	148.3	-----	135.7	--------	135.2	-------	140.3	-------	138.6	---
KXB5325	154.9	-------	131.6	-------	145.5	---------	135.7	------	176.5	------
Ricardinio	150.2	-----	138.7	--------	127.2	-----	127.4	---	167.9	-----
LG 30.218	146.2	----	115.0	---	133.5	------	123.1	--	182.1	-------
Millesim	143.6	---	132.3	-------	120.7	---	132.1	-----	134.2	--
LG 30.248	157.9	--------	139.5	--------	128.2	-----	137.1	------	192.6	--------
LG 30.215	144.2	---	126.2	-----	128.6	-----	133.1	-----	163.9	-----
DKC 3440	141.6	--	108.9	-	139.0	-------	124.3	--	146.5	---
P8200	154.9	-------	128.9	------	136.2	-------	130.8	----	182.2	-------
Xxilo	152.7	------	128.0	------	153.0	----------	136.9	------	147.8	---
-Bezugsgrösse(n)	153.3	------	137.7	--------	138.4	-------	136.4	------	162.8	-----
Versuchs-Mittel	149.6	-----	128.9	------	136.8	-------	132.4	-----	161.1	-----
VK [%]	9.7		7.9		9.1		8.1		12.4	
KGD (5%)	9.8		20.7		20.3		17.4		40.5	
KGD (1%)	12.9		ns		ns		ns		54.2	
Versuchs-Streuung	14.5		10.2		12.5		10.7		20.0	
FG Fehlerterm	389.0		39.0		78.0		78.0		38.0	
Anz. Beob.	17.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	29388.9	39	3.58	***	1.43	0.0000
Anbauorte	218639.6	5	207.65	***	2.24	0.0000
WW Verf.*Anb.Orte	76337.9	195	1.86	***	1.22	0.0006
Fehler	81915.8	389				
Insgesamt	406282.1	628				

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

Verfahren	8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	156.2	-----	176.6	-----
ES Albatros	170.5	--------	192.8	--------
Juvento	148.6	----	177.5	-----
SY Talisman	152.5	----	182.4	------
Gottardo KWS	161.2	------	170.7	---
DKC 3531	162.4	------	177.4	-----
Cranberri CS	151.6	----	168.1	---
Genialis KWS	161.2	------	172.7	----
Benedictio KWS	168.9	-------	189.6	--------
Havelio KWS	183.4	----------	174.6	----
SY Telias	187.5	----------	175.1	----
ES Metronom	173.6	--------	170.3	---
LZM263/77	175.5	---------	172.0	----
LZM265/32	153.4	-----	185.8	-------
LZM265/34	161.4	------	190.5	--------
LZM265/52	179.4	---------	159.3	-
SM E0342	171.3	--------	172.2	----
Aga Gold	130.3	-	165.7	--
Vitally	138.1	--	180.0	-----
Aga Einstein	167.1	-------	180.7	------
GL Primavera	136.0	--	162.0	-
SM Prezent	163.2	------	166.9	--
Oxanna	157.9	-----	163.7	--
Smolidar	155.9	-----	176.2	----
DFI44744	144.0	---	184.5	------
EQ2942	165.3	-------	178.8	-----
ES Crossman	155.7	-----	202.9	----------
Rigoletto	155.9	-----	186.6	-------
Corfinio KWS	168.3	-------	187.7	-------
Amaroc	162.4	------	199.3	----------
KXB5303	159.6	------	180.3	-----
KXB5325	151.0	----	188.8	-------
Ricardinio	174.2	--------	165.9	--
LG 30.218	152.9	-----	170.5	---
Millesim	157.6	-----	185.0	------
LG 30.248	175.6	---------	174.4	----
LG 30.215	151.5	----	161.7	-
DKC 3440	154.7	-----	176.0	----
P8200	177.5	---------	173.8	----
Xxilo	167.8	-------	182.7	------
-Bezugsgrösse(n)	159.6	------	185.1	-------
Versuchs-Mittel	161.0	------	177.5	-----
VK [%]	9.7		9.6	
KGD (5%)	25.4		ns	
KGD (1%)	33.6		ns	
Versuchs-Streuung	15.6		17.0	
FG Fehlerterm	78.0		78.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		3065 Habstetten		5643 Alikon AG	
Colisee	78.2	------	63.6	-----	77.6	-------	67.3	------	89.2	-----
ES Albatros	78.5	------	68.6	------	77.4	-------	70.1	-------	77.5	---
Juvento	76.3	----	68.0	------	74.4	------	73.0	--------	84.9	----
SY Talisman	74.0	---	66.3	-----	68.3	----	67.2	------	64.6	-
Gottardo KWS	80.2	-------	81.0	----------	73.2	-----	74.3	---------	89.8	-----
DKC 3531	73.3	---	59.9	---	79.7	--------	56.5	-	82.2	----
Cranberri CS	77.1	-----	64.4	-----	78.5	-------	70.4	-------	88.5	-----
Genialis KWS	81.4	-------	76.3	---------	77.0	-------	75.8	----------	78.7	---
Benedictio KWS	79.9	-------	72.3	--------	83.0	---------	76.7	----------	70.8	--
Havelio KWS	82.3	--------	68.7	------	77.2	-------	74.9	---------	85.4	----
SY Telias	84.9	---------	72.2	--------	81.5	--------	66.3	-----	100.8	-------
ES Metronom	81.2	-------	79.3	----------	70.2	----	71.9	--------	92.2	------
LZM263/77	78.5	------	64.5	-----	80.4	--------	69.2	-------	88.1	-----
LZM265/32	81.7	--------	52.4	-	74.9	------	68.5	------	118.6	----------
LZM265/34	79.6	------	76.3	---------	76.8	-------	66.5	-----	80.4	----
LZM265/52	74.4	---	54.3	-	72.0	-----	75.1	---------	85.2	----
SM E0342	80.6	-------	69.7	-------	80.6	--------	63.8	----	94.7	------
Aga Gold	71.1	-	58.6	---	74.2	------	63.9	----	73.6	--
Vitally	75.6	----	65.8	-----	77.5	-------	69.2	-------	76.5	---
Aga Einstein	85.3	----------	72.1	-------	81.9	---------	69.6	-------	100.3	-------
GL Primavera	72.9	---	69.4	-------	72.9	-----	65.4	-----	76.1	---
SM Prezent	77.5	-----	70.2	-------	80.3	--------	64.4	----	77.2	---
Oxanna	69.5	-	57.7	--	59.8	-	65.6	-----	71.3	--
Smolidar	77.6	-----	56.9	--	75.8	------	62.0	---	102.7	--------
DFI44744	74.4	---	73.1	--------	73.1	-----	64.1	----	84.3	----
EQ2942	78.5	------	59.7	---	77.2	-------	67.9	------	92.4	------
ES Crossman	82.0	--------	74.2	--------	75.8	------	68.7	------	85.4	----
Rigoletto	75.6	----	64.2	-----	78.8	-------	73.7	---------	64.5	-
Corfinio KWS	79.5	------	52.4	-	80.5	--------	77.1	----------	78.1	---
Amaroc	87.0	----------	67.7	------	86.3	----------	77.4	----------	109.8	---------
KXB5303	80.0	-------	73.4	--------	76.6	-------	77.7	----------	79.9	---
KXB5325	83.7	---------	67.3	------	81.1	--------	74.7	---------	98.6	-------
Ricardinio	77.1	-----	74.6	--------	68.7	----	64.8	----	88.4	-----
LG 30.218	75.9	----	57.4	--	77.8	-------	64.2	----	100.7	-------
Millesim	78.4	------	70.7	-------	70.3	----	72.9	--------	79.8	---
LG 30.248	78.9	------	68.1	------	71.2	-----	67.6	------	99.4	-------
LG 30.215	75.5	----	62.9	----	73.8	------	67.7	------	92.3	------
DKC 3440	74.0	---	54.0	-	77.2	-------	65.2	-----	76.5	---
P8200	79.9	-------	66.6	------	74.9	------	65.1	-----	99.4	-------
Xxilo	80.9	-------	68.9	------	87.7	----------	69.7	-------	77.0	---
-Bezugsgrösse(n)	77.4	-----	68.3	------	75.9	------	71.6	--------	81.2	----
Versuchs-Mittel	78.3	------	66.6	------	76.4	-------	69.2	-------	86.4	-----
VK [%]	11.8		10.3		9.7		10.4		13.5	
KGD (5%)	6.2		13.9		ns		ns		23.6	
KGD (1%)	8.2		18.6		ns		ns		ns	
Versuchs-Streuung	9.2		6.9		7.4		7.2		11.7	
FG Fehlerterm	389.0		39.0		78.0		78.0		38.0	
Anz. Beob.	17.0		3.0		3.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	9722.8	39	2.94	***	1.43	0.0001
Anbauorte	58321.1	5	137.70	***	2.24	0.0000
WW Verf.*Anb.Orte	28210.0	195	1.71	***	1.22	0.0008
Fehler	32950.8	389				
Insgesamt	129204.7	628				

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

Verfahren	8193 Eglisau ZH		8566 Ellighausen TG	
Colisee	76.6	----	94.6	-----
ES Albatros	79.7	-----	97.6	------
Juvento	69.1	--	88.2	---
SY Talisman	77.2	----	100.3	-------
Gottardo KWS	77.2	----	85.3	--
DKC 3531	74.9	----	86.4	---
Cranberri CS	70.3	--	90.7	----
Genialis KWS	85.2	-------	95.7	------
Benedictio KWS	82.1	------	94.4	-----
Havelio KWS	94.1	---------	93.2	-----
SY Telias	98.0	----------	90.8	----
ES Metronom	82.1	------	91.7	----
LZM263/77	86.0	-------	82.7	-
LZM265/32	79.4	-----	96.2	------
LZM265/34	78.6	-----	99.0	-------
LZM265/52	79.1	-----	80.9	-
SM E0342	84.6	-------	90.1	----
Aga Gold	64.9	-	91.3	----
Vitally	69.0	--	95.5	------
Aga Einstein	89.1	--------	98.9	-------
GL Primavera	69.9	--	83.9	--
SM Prezent	81.0	-----	92.0	----
Oxanna	75.9	----	86.9	---
Smolidar	76.0	----	92.3	-----
DFI44744	65.5	-	86.1	--
EQ2942	83.9	------	89.9	----
ES Crossman	78.5	-----	109.6	----------
Rigoletto	75.9	----	96.3	------
Corfinio KWS	83.9	------	104.8	---------
Amaroc	78.6	-----	102.3	--------
KXB5303	74.2	---	98.2	-------
KXB5325	75.2	----	105.1	---------
Ricardinio	80.7	-----	85.6	--
LG 30.218	66.4	-	89.1	---
Millesim	76.7	----	99.8	-------
LG 30.248	78.9	-----	88.1	---
LG 30.215	69.4	--	87.0	---
DKC 3440	71.1	--	100.3	-------
P8200	83.5	------	90.1	----
Xxilo	80.7	-----	101.1	--------
-Bezugsgrösse(n)	74.4	---	92.9	-----
Versuchs-Mittel	78.1	-----	93.3	-----
VK [%]	12.3		12.4	
KGD (5%)	15.7		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	9.6		11.5	
FG Fehlerterm	78.0		78.0	
Anz. Beob.	3.0		3.0	

3.3 Serie mittelspät / série mi-tardif

3.3.1 Standortangaben

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	Saattermin / date de semis	Erntetermin / date de récolte
1260	Nyon	430	4.5.16	12.9.16 - nicht für Auswertung berücksichtigt / ne pas considéré pour les misent en valeur
1567	Delley (Avenches)	434	7.5.16	14.9.16
1896	Vouvry	404	9.5.16	6.10.16
3065	Habstetten	680	10.5.16	nicht geerntet / pas récolté
8046	Reckenholz	440	5.5.16	26.9.16
8196	Eglisau	390	10.5.16	10.10.16
8566	Ellighausen	517	11.5.16	12.10.16
9443	Hinterforst	449	27.5.16	13.10.16

3.3.2 Sorten / Status

Name	Synonym	Hybrid Typ	Züchter	Vertreter	KM	SM
NK Silotop	NX 17066	SC	Syngenta, CH	Syngenta, Dielsdorf		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/S
Walterinio KWS	KXB3181	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/S
Kartagos	KXB4132	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e2
P8721	X90F574	SC	Pioneer	Pioneer, Manno		SM21/e1
RGT Mexxner	RH14011		RAGT 2n	Fenaco, Moudon		SM21/e1
DFI44769	DFI44769	SC	DSP, Delley	DSP, Delley		SM21/1.
DFI44763	DFI44763	SC	DSP, Delley	DSP, Delley		SM21/1.
SA2574	SA2574	TC	Syngenta, CH	Syngenta, Dielsdorf		SM21/e1
Agro Janus	KXB4146	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
KXB5038	KXB5038	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM21/e1
KXB5132	KXB5132	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
KXB5141	KXB5141	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM21/e1
Frederico KWS	KXB3154	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/T
Figaro	KXB3329	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/S	SM21/T
Indexx	RH09029	SC	RAGT 2n	Fenaco, Moudon		SM21/T
LG 30.306	LZM 358/69	SC	Limagrain / Europe	Fenaco, Moudon		SM21/T

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

Technische Versuchsangaben / données techniques / technical information							
Standort / lieu / site:	Nyon (430 m ü.M.)	Vouvry (404 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	limono sableux	Argile tourbeux	tiefgründige Braunerde	sehr tiefgründige Kalbraunerde / Parabraunerde, schwach humos	pH 7.5; Lehm	Schluffiger Lehm
Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):	342 mm 1596 °C	températures basses en début de végétation	371.8 mm 1614.5 °C	570 mm 1679 °C	-	583 mm 1582 °C	794 mm (Meteostation: Kriessern) 1617 °C (Meteostation: Kriessern)
Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen /blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzellengrösse / grandeur d'une parcelle / plot size:	4reihig, mit 0.8m Weg (22.4m2 brutto), 10m2 netto	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	Semé: 17 m2 per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs 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:	tournesol	Weizen / blé	Blé d'automne	versch. Wintergetreide + Zwischenbegrünung / divers céréales + dérobé / various cereals + temporary grassland	Winterweizen	Raps + Zwischenfutter (Erbs-Wick-Hafer)	Kunstwiese
Bodenbearbeitung / travail du sol / soil cultivation:	cultivateur 03 mai ; herse rotative 04 mai	chisel 05 05 herse rotative 08 05	labour; herse rotative	Pflug / charrue / plough (21.10.15); Kreiselegge / herse rotative / rotary harrow (5.5.16)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug / charrue / plough (18.12.15); Federzahnegge / herse / harrow	Streifenfrässaat
Saat / date de semis / sowing date:	04.05.2016	09.05.2016	07.05.2016	05.05.2016	10.05.2016	11.05.2016	27.05.2016
Ernte / date de récolte / harvest date:	12.09.2016	06.10.2016	14.09.2016	26.9.16	10.10.2016	12.10.2015	13.10.2016

	Nyon (430 m ü.M.)	Vouvry (404 m ü.M.)	Avenches (434 m ü.M.)	Zürich- Affoltern (450 m ü.M.)	Eglisau (392 m ü.M.)	Ellighausen (517 m ü.M.)	Hinterforst (437 m ü.M.)
Saatdichte / densité de semis / sowing density:	9.5 Körner / grains pro m2	9.5 Körner / grains pro m2	Semis: 10.8 grains pro m2, éclaircit à 9 plantes/m2	10.1 Körner / grains pro m2	10.1 Körner / grains pro m2	10.1 Körner / grains pro m2	9.7 Körner / grains pro m2
Vegetationsdauer / durée de vegetation / growing period	141 Tage / jours / days	150 Tage / jours / days	130 jours	144 Tage / jours / days	153 Tage / jours / days	154 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
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	0	0	non	1 x hacken Nach-auflauf zwischen den Reihen / sarclage (après la levée) entre les lignées / hoeing after emergence in between rows (23.6.16)	keine / rien / nothing	-	-
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Nettoyage parcelle Roundup 28 04 0.5 l/ ha Banvel 4 S+1,25l/ha Dual Gold, 1,3 l/ ha Elumis (06 06 2016)	8 mai 2016 200 g /ha Hector Max 1.5 l/ ha Gardo Gold	18.5 3L/ha Gardo Gold + 1.5L/ha Elumis / 26.5 2L/ha Gardo Gold + 1L/ha Elumis	Aspect 1.5 l/ha, Laudis 1.5l/ha (24.6.16)	Garda Gold 4l/ha, Calisto 0.8l/ha, MaisNico 0.7l/ha (7.6.16)	Gardo Gold 4l/ha + Callisto 0.75l/ha + Banvel 4S 0.5l/ha (12.6.16)	Flächenspritzung Glyphosate 4l/ha / Bandspritzung Akris 2l/ha
Grunddüngung / fumure de base / basic fertilisation:	50 t ha compost 17.5 N 200 P 285 K 155 Mg mars 2016	500 kg/ ha Landor 13-9-16 (24.4.16)	30.07.15 180kg/ha Super triple + 270 kg/ha sel Potasse	Stapelmist Rindvieh 10t/ha (19.10.15); Kompost 30t/ha (20.10.15)	Mist 30 m3/ha	15 t/ha Stapelmist (Herbst 2015)	2 kg DAP 18.46.0
N-Düngung / fumure N / N fertilisation:	220 kg /ha nitrate ammoniaque 27.5 % 2.5 % Mg (59.4 N-0-0-5.5Mg) 10 05 130 kg /ha Urée perlée 59.9 N 23 06	65 kg N/ha Landor 13-9-16 (24.4.16), 54 kg N /ha nitrate ammonium 27 % (17.5.16), 60 kg N /ha sulfonitrate 30 % (20.6.16)	5.5 300hg/ha Urée	60kg N /ha, 12.5kg Mg /ha (23.6.16, Mg Ammonsalpeter), 46kg N /ha (23.6.16, Harnstoff) zur Reihe / près de la ligne / to the row	Harnstoff 46%: 60 kg N/ha (30.05.16), Harnstoff 46%: 92 kg N/ha (24.06.2016)	40kg N/ha (4.6.16, Ammonsalpeter); 65kg N/ha (22.6.16, Harnstoff)	2 kg Harnstoff 46% N
N-Mineralisierung zu Vegetationsbeginn / minéralisation azote au début de la saison / N mineralisation at the beginning of the vegetation period:	-	0	inconnu	nach der Ernte 64 kg N/ha (0-90 cm)	-	-	-
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse		Ensileuse experimentale	New Holland Versuchsmaishäcksler			

Sorte	Status	VOS	Ertrag	Reife	Jugend-entwi.	Wurzellag. Veg.	Wurzellag. Ernte	Stängelbr. Ernte	Beulen-brand	Oekon. Index	Agron. Index	Gesamt-index
Agro Polis	S	0.74	1.12	2.27	-0.11	0.00	0.00	0.00	0.06	1.86	2.22	4.08
Indexx	T	-0.22	-1.01	-0.83	-0.01	0.00	0.00	-0.52	0.12	-1.23	-1.24	-2.48
Walterinio KWS	S	-0.74	-1.12	-2.27	0.11	0.00	0.00	0.00	-0.06	-1.86	-2.22	-4.08
KXB5132	e1	-1.98	-8.43	3.84	-0.17	0.00	0.00	0.00	0.17	-10.41	3.84	-6.56
KXB5141	e1	-5.02	-1.89	-0.01	0.10	0.00	0.00	0.00	0.09	-6.91	0.18	-6.72
Kartagos	e2	0.29	-11.46	3.68	-0.06	0.00	0.00	-0.52	0.25	-11.17	3.35	-7.82
Figaro	T	-2.46	-6.40	-0.58	0.10	0.00	0.00	0.00	0.19	-8.86	-0.30	-9.16
Agro Janus	e1	-0.33	-11.06	0.84	-0.13	0.00	0.00	0.00	0.26	-11.39	0.97	-10.42
NK Silotop	S	0.78	-13.12	1.07	-0.06	-0.52	-0.52	0.00	0.26	-12.34	0.24	-12.10
Quincey	S	-4.46	-7.03	-1.43	-0.15	-0.52	0.00	0.00	0.13	-11.50	-1.98	-13.47
P8721	e1	-6.02	-6.48	-1.70	-0.22	0.00	0.00	0.00	-0.26	-12.50	-2.18	-14.67
Palmer	S	-9.42	-2.77	-2.81	-0.36	0.00	0.00	0.00	0.23	-12.19	-2.94	-15.13
Frederico KWS	T	0.38	-17.35	1.52	-0.32	0.00	0.00	0.00	0.17	-16.97	1.37	-15.60
SA2574	e1	3.07	-13.60	-1.64	0.22	-1.91	-1.56	-0.52	0.18	-10.53	-5.24	-15.77
KXB5038	e1	-0.20	-16.88	1.48	-0.01	0.00	0.00	-0.52	0.24	-17.08	1.18	-15.90
LG 30.306	T	-8.95	-5.66	-1.33	-0.43	-0.52	0.00	0.00	0.19	-14.62	-2.10	-16.72
RGT Mexxner	e1	-5.79	-13.88	1.95	-0.24	0.00	0.00	0.00	0.10	-19.67	1.81	-17.86
P8609	S	-4.78	-14.65	1.99	-0.51	0.00	-1.04	0.00	0.15	-19.43	0.58	-18.84
DFI44769	1.00	-5.66	-18.66	1.15	0.01	0.00	0.00	0.00	0.28	-24.33	1.44	-22.89
DFI44763	1.00	-5.44	-23.40	-0.96	0.14	0.00	0.00	0.00	-0.28	-28.85	-1.10	-29.95
Bezugsgrössen		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anz. Beob.		18	18	18	18	3	3	3	12			
Anz. Orte		6	6	6	6	1	1	1	4			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.3.5 Zusammenfassung / résumé

Sorten Bezeichnung	Jugend entwicklg Note	allg. Eindruck Note	Helmin. thosp. Note	Pflanzen hoehe cm	Kolben ansatz hoehe cm	VOS g/kg TS g.Pfl. NIR	Staerke g/kg TS g.Pfl. NIR	Rohfaser g/kg TS NIR
NK Silotop	3.0	3.3	1.5	284	145	709.4	371	164
Palmer	3.6	3.3	2.3	313	159	683.9	356	175
P8609	3.9	6.0	2.0	297	144	695.5	362	171
Quincey	3.2	3.0	1.2	298	154	696.3	356	169
Agro Polis	3.1	3.3	1.2	312	134	709.3	371	159
Walterinio KWS	2.6	3.3	1.2	336	156	705.6	354	165
Kartagos	3.0	2.3	1.7	299	140	708.2	366	162
P8721	3.3	3.3	1.2	309	164	692.4	364	170
RGT Mexxner	3.3	4.0	2.5	292	134	693.0	329	175
DFI44769	2.8	4.0	2.5	293	124	693.3	377	163
DFI44763	2.6	4.0	2.5	287	111	693.8	363	167
SA2574	2.4	5.0	2.4	299	149	715.1	346	160
Agro Janus	3.1	4.0	1.7	299	145	706.6	359	164
KXB5038	2.9	5.3	1.8	288	136	706.9	369	158
KXB5132	3.2	3.3	1.7	296	141	702.5	357	168
KXB5141	2.7	2.7	1.7	307	156	694.9	340	177
Frederico KWS	3.5	4.7	1.8	303	138	708.4	361	164
Figaro	2.7	2.7	1.8	292	149	701.3	343	171
Indexx	2.9	4.3	1.8	287	149	706.9	375	164
LG 30.306	3.7	2.7	1.8	313	159	685.1	357	175
Bezugsgrösse(n)	2.9	3.3	1.2	324	145	707.4	362	162
Versuchs-Mittel	3.1	3.7	1.8	300	144	700.4	359	167
VK [%]	20.6	33.9	25.9	4	6	2.4	7	7
KGD (5%)	0.4		0.5	11	8	10.8	16	8
KGD (1%)	0.5		0.7	14	11	14.3	22	11
Versuchs-Streuung	0.6	1.3	0.5	11	9	16.5	25	12
FG Fehlerterm	228.0	38.0	76.0	114	114	227.0	227	227
Anz. Beob.	18.0	3.0	6.0	9	9	18.0	18	18
Anz. Orte	6.0	1.0	2.0	3	3	6.0	6	6
Minimum	2.4	2.3	1.2	284	111	683.9	329	158
Maximum	3.9	6.0	2.5	336	164	715.1	377	177

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. %	Wurzellager Veg. %	Wurzellager Ernte %	Steng. bruch Ernte %
NK Silotop	362	63	581.7	223.9	38.9	12.5	4.2	0.0
Palmer	378	61	684.6	244.6	35.8	0.0	0.0	0.0
P8609	375	61	562.0	220.8	39.6	0.0	8.3	0.0
Quincey	368	65	644.0	236.1	36.9	12.5	0.0	0.0
Agro Polis	351	64	637.6	252.4	39.8	0.0	0.0	0.0
Walterinio KWS	358	63	699.0	247.9	36.2	0.0	0.0	0.0
Kartagos	361	62	559.4	227.2	41.0	0.0	0.0	4.2
P8721	368	64	653.1	237.2	36.7	0.0	0.0	0.0
RGT Mexxner	387	66	567.2	222.4	39.6	0.0	0.0	0.0
DFI44769	357	68	555.0	212.8	38.9	0.0	0.0	0.0
DFI44763	357	66	551.8	203.3	37.2	0.0	0.0	0.0
SA2574	358	68	616.1	222.9	36.7	45.8	12.5	4.2
Agro Janus	364	64	595.8	228.0	38.7	0.0	0.0	0.0
KXB5038	356	66	556.8	216.4	39.2	0.0	0.0	4.2
KXB5132	365	65	572.2	233.3	41.1	0.0	0.0	0.0
KXB5141	382	62	653.7	246.3	38.0	0.0	0.0	0.0
Frederico KWS	359	63	553.0	215.4	39.2	0.0	0.0	0.0
Figaro	376	65	637.4	237.3	37.5	0.0	0.0	0.0
Indexx	351	69	670.5	248.1	37.3	0.0	0.0	4.2
LG 30.306	371	63	647.6	238.8	36.9	12.5	0.0	0.0
Bezugsgrösse(n)	354	63	668.3	250.1	38.0	0.0	0.0	0.0
Versuchs-Mittel	365	64	609.9	230.7	38.3	4.2	1.3	0.8
VK [%]	5	5	9.0	9.6	6.5	179.7	363.9	394.9
KGD (5%)	12	2	36.1	14.6	1.6	12.4		
KGD (1%)	16	3	47.6	19.2	2.2	16.6		
Versuchs-Streuung	18	3	55.0	22.2	2.5	7.5	4.5	3.3
FG Fehlerterm	227	227	228.0	228.0	228.0	38.0	38.0	38.0
Anz. Beob.	18	18	18.0	18.0	18.0	3.0	3.0	3.0
Anz. Orte	6	6	6.0	6.0	6.0	1.0	1.0	1.0
Minimum	351	61	551.8	203.3	35.8	0.0	0.0	0.0
Maximum	387	69	699.0	252.4	41.1	45.8	12.5	4.2

Sorten Bezeichnung	Beulenbrand %	Eff. Best. dichte Pfl./m2	relat. Kolbenhoehe %	Saat - weibl. Bluete Tage	NEL MJ/kg TS	NEV MJ/kg TS	VOS-Ertrag dt/ha	Stärke-ertrag dt/ha
NK Silotop	0.3	8.5	51	83	6.5	6.6	158.5	82.6
Palmer	0.5	8.5	51	87	6.2	6.3	166.9	86.9
P8609	1.0	9.0	48	84	6.3	6.4	153.5	79.8
Quincey	1.1	8.9	51	85	6.3	6.4	164.4	84.0
Agro Polis	1.5	9.1	43	82	6.5	6.6	178.9	93.5
Walterinio KWS	2.3	8.7	46	84	6.4	6.6	174.9	87.7
Kartagos	0.4	8.8	47	83	6.4	6.6	160.9	82.8
P8721	3.4	8.7	53	86	6.3	6.4	164.4	86.4
RGT Mexxner	1.3	8.1	46	80	6.3	6.4	154.1	73.0
DFI44769	0.2	8.6	42	80	6.3	6.4	147.3	79.6
DFI44763	3.6	8.5	38	79	6.3	6.4	140.9	73.5
SA2574	0.8	8.5	50	83	6.5	6.7	160.0	77.3
Agro Janus	0.3	9.1	48	83	6.4	6.6	161.1	81.7
KXB5038	0.4	8.8	47	80	6.4	6.6	152.8	79.3
KXB5132	0.9	8.9	47	83	6.4	6.5	163.8	83.0
KXB5141	1.3	8.5	51	83	6.3	6.4	171.2	83.3
Frederico KWS	0.9	8.7	45	81	6.4	6.6	152.9	78.3
Figaro	0.8	8.7	51	81	6.4	6.5	166.3	81.1
Indexx	1.1	8.4	52	83	6.4	6.6	175.6	92.8
LG 30.306	0.7	8.4	51	88	6.2	6.3	163.5	85.1
Bezugsgrösse(n)	1.9	8.9	44	83	6.4	6.6	176.9	90.6
Versuchs-Mittel	1.1	8.7	48	83	6.4	6.5	161.6	82.6
VK [%]	139.4	6.1	6	2	2.9	3.7	10.6	13.1
KGD (5%)	1.3	0.3	3	1	0.1	0.2	11.2	7.1
KGD (1%)	1.7	0.5	3	2	0.2	0.2	14.8	9.3
Versuchs-Streuung	1.6	0.5	3	1	0.2	0.2	17.1	10.8
FG Fehlerterm	152.0	228.0	114	114	227.0	227.0	227.0	227.0
Anz. Beob.	12.0	18.0	9	9	18.0	18.0	18.0	18.0
Anz. Orte	4.0	6.0	3	3	6.0	6.0	6.0	6.0
Minimum	0.2	8.1	38	79	6.2	6.3	140.9	73.0
Maximum	3.6	9.1	53	88	6.5	6.7	178.9	93.5

3.3.6 Details

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	3.0	----	3.7	------	3.0	------	2.0	----	3.2	----
Palmer	3.6	---------	5.0	----------	3.0	------	3.3	----------	3.3	-----
P8609	3.9	----------	4.3	--------	4.0	----------	3.3	----------	4.2	----------
Quincey	3.2	------	3.7	------	3.0	------	3.0	---------	3.3	-----
Agro Polis	3.1	-----	3.7	------	2.7	----	2.3	------	3.3	-----
Walterinio KWS	2.6	--	3.3	-----	2.3	--	1.7	--	2.7	-
Kartagos	3.0	----	4.3	--------	2.3	--	1.3	-	3.7	-------
P8721	3.3	-------	3.7	------	3.0	------	3.3	----------	3.5	------
RGT Mexxner	3.3	-------	4.0	-------	3.3	-------	3.0	---------	3.3	-----
DFI44769	2.8	---	3.0	----	3.0	------	2.7	-------	3.0	---
DFI44763	2.6	--	2.7	---	2.3	--	2.0	----	3.2	----
SA2574	2.4	-	2.0	-	2.0	-	2.3	------	2.8	--
Agro Janus	3.1	-----	3.3	-----	3.3	-------	2.7	-------	3.2	----
KXB5038	2.9	----	2.7	---	2.3	--	3.0	---------	3.2	----
KXB5132	3.2	------	3.7	------	3.0	------	2.7	-------	3.2	----
KXB5141	2.7	--	3.0	----	2.3	--	2.0	----	2.8	--
Frederico KWS	3.5	--------	4.3	--------	2.7	----	2.7	-------	3.7	-------
Figaro	2.7	--	2.7	---	2.3	--	2.0	----	2.7	-
Indexx	2.9	----	3.3	-----	3.3	-------	2.0	----	3.2	----
LG 30.306	3.7	---------	4.0	-------	3.3	-------	3.3	----------	4.2	----------
-Bezugsgrösse(n)	2.9	----	3.5	------	2.5	---	2.0	----	3.0	---
Versuchs-Mittel	3.1	-----	3.5	------	2.8	-----	2.5	-------	3.3	-----
VK [%]	20.6		23.6		21.9		33.5		11.1	
KGD (5%)	0.4		1.4		1.0		ns		0.6	
KGD (1%)	0.5		ns		ns		ns		0.8	
Versuchs-Streuung	0.6		0.8		0.6		0.8		0.4	
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	54.2	19	7.11	***	1.63	0.0000
Anbauorte	40.8	5	20.36	***	2.26	0.0000
WW Verf.*Anb.Orte	39.7	95	1.04	ns	1.32	
Fehler	91.4	228				
Insgesamt	226.2	347				

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	2.7	---	3.3	-------
Palmer	2.8	----	4.0	----------
P8609	3.5	---------	4.0	----------
Quincey	2.7	---	3.3	-------
Agro Polis	2.8	----	3.7	---------
Walterinio KWS	2.8	----	3.0	-----
Kartagos	2.8	----	3.3	-------
P8721	3.0	------	3.3	-------
RGT Mexxner	3.2	-------	3.2	------
DFI44769	2.7	---	2.7	---
DFI44763	2.3	-	3.0	-----
SA2574	3.0	------	2.3	-
Agro Janus	3.0	------	3.2	------
KXB5038	3.0	------	3.2	------
KXB5132	3.0	------	3.7	---------
KXB5141	2.5	--	3.3	-------
Frederico KWS	3.7	----------	4.0	----------
Figaro	2.7	---	3.7	---------
Indexx	2.8	----	2.7	---
LG 30.306	3.5	---------	4.0	----------
-Bezugsgrösse(n)	2.8	----	3.3	-------
Versuchs-Mittel	2.9	-----	3.3	-------
VK [%]	11.4		18.3	
KGD (5%)	0.5		ns	
KGD (1%)	0.7		ns	
Versuchs-Streuung	0.3		0.6	
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	3.3	---	3.3	---
Palmer	3.3	---	3.3	---
P8609	6.0	----------	6.0	----------
Quincey	3.0	--	3.0	--
Agro Polis	3.3	---	3.3	---
Walterinio KWS	3.3	---	3.3	---
Kartagos	2.3	-	2.3	-
P8721	3.3	---	3.3	---
RGT Mexxner	4.0	-----	4.0	-----
DFI44769	4.0	-----	4.0	-----
DFI44763	4.0	-----	4.0	-----
SA2574	5.0	--------	5.0	--------
Agro Janus	4.0	-----	4.0	-----
KXB5038	5.3	---------	5.3	---------
KXB5132	3.3	---	3.3	---
KXB5141	2.7	--	2.7	--
Frederico KWS	4.7	-------	4.7	-------
Figaro	2.7	--	2.7	--
Indexx	4.3	------	4.3	------
LG 30.306	2.7	--	2.7	--
-Bezugsgrösse(n)	3.3	---	3.3	---
Versuchs-Mittel	3.7	----	3.7	----
VK [%]	33.9		33.9	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	1.3		1.3	
FG Fehlerterm	38.0		38.0	
Anz. Beob.	3.0		3.0	

Helminthosporium turcicum [note] / Helminthosporium turcicum [Note]

Verfahren	Seriemittel		1896 vouvry		8046 Reckenholz ZH	
NK Silotop	1.5	---	2.0	---	1.1	--
Palmer	2.3	---------	3.7	---------	1.0	-
P8609	2.0	-------	3.0	-------	1.0	-
Quincey	1.2	-	1.3	-	1.0	-
Agro Polis	1.2	-	1.3	-	1.0	-
Walterinio KWS	1.2	-	1.3	-	1.1	---
Kartagos	1.7	----	2.3	----	1.0	-
P8721	1.2	-	1.3	-	1.0	-
RGT Mexxner	2.5	----------	4.0	----------	1.0	-
DFI44769	2.5	----------	3.7	---------	1.4	-------
DFI44763	2.5	----------	4.0	----------	1.0	-
SA2574	2.4	----------	3.3	--------	1.5	----------
Agro Janus	1.7	----	2.3	----	1.0	-
KXB5038	1.8	------	2.7	------	1.0	-
KXB5132	1.7	----	2.3	----	1.0	-
KXB5141	1.7	----	2.3	----	1.0	-
Frederico KWS	1.8	------	2.3	----	1.3	-------
Figaro	1.8	------	2.7	------	1.0	-
Indexx	1.8	------	2.7	------	1.0	-
LG 30.306	1.8	------	2.7	------	1.0	-
-Bezugsgrösse(n)	1.2	-	1.3	-	1.1	--
Versuchs-Mittel	1.8	-----	2.6	-----	1.1	--
VK [%]	25.9		23.8		24.5	
KGD (5%)	0.5		1.0		ns	
KGD (1%)	0.7		1.4		ns	
Versuchs-Streuung	0.5		0.6		0.3	
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	23.2	19	5.51	***	1.73	0.0000
Anbauorte	66.8	1	300.88	***	3.96	0.0000
WW Verf.*Anb.Orte	20.1	19	4.78	***	1.73	0.0000
Fehler	16.9	76				
Insgesamt	127.0	115				

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel		1896 vouvry		8046 Reckenholz ZH		8566 Ellighausen TG	
NK Silotop	283.9	-	306.7	-	250.0	-	295.0	-
Palmer	313.3	------	336.7	-------	280.0	-------	323.3	------
P8609	297.2	---	323.3	-----	261.7	---	306.7	---
Quincey	298.3	---	321.7	----	266.7	----	306.7	---
Agro Polis	312.2	------	330.0	------	280.0	-------	326.7	------
Walterinio KWS	335.6	----------	353.3	----------	300.0	----------	353.3	----------
Kartagos	298.9	----	313.3	---	273.3	-----	310.0	----
P8721	308.9	-----	326.7	-----	276.7	------	323.3	------
RGT Mexxner	291.7	--	313.3	---	251.7	-	310.0	----
DFI44769	293.3	--	313.3	---	253.3	-	313.3	----
DFI44763	286.7	-	306.7	-	255.0	--	298.3	--
SA2574	299.4	----	311.7	--	270.0	-----	316.7	-----
Agro Janus	298.9	----	330.0	------	270.0	-----	296.7	-
KXB5038	287.8	-	305.0	-	260.0	---	298.3	--
KXB5132	295.6	---	316.7	---	260.0	---	310.0	----
KXB5141	306.7	-----	323.3	-----	276.7	------	320.0	-----
Frederico KWS	302.8	----	316.7	---	283.3	-------	308.3	---
Figaro	291.7	--	316.7	---	260.0	---	298.3	--
Indexx	286.7	-	303.3	-	265.0	----	291.7	-
LG 30.306	313.3	------	346.7	---------	270.0	-----	323.3	------
-Bezugsgrösse(n)	323.9	--------	341.7	--------	290.0	---------	340.0	--------
Versuchs-Mittel	300.1	----	320.8	----	268.2	----	311.5	----
VK [%]	3.8		3.0		4.5		4.0	
KGD (5%)	10.7		16.1		19.8		20.7	
KGD (1%)	14.2		21.6		26.5		27.8	
Versuchs-Streuung	11.5		9.8		12.0		12.5	
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	25927.1	19	10.34	***	1.68	0.0000
Anbauorte	94566.9	2	358.14	***	3.07	0.0000
WW Verf.*Anb.Orte	5210.8	38	1.04	ns	1.51	0.4257
Fehler	15050.8	114				
Insgesamt	140755.7	173				

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

Verfahren	Seriemittel		1896 vouvry		8046 Reckenholz ZH		8566 Ellighausen TG	
NK Silotop	145.0	-------	168.3	-------	110.0	-----	156.7	-------
Palmer	159.4	----------	181.7	----------	133.3	----------	163.3	--------
P8609	144.4	-------	163.3	-------	118.3	-------	151.7	------
Quincey	154.4	---------	171.7	--------	120.0	-------	171.7	---------
Agro Polis	134.4	-----	148.3	----	105.0	----	150.0	------
Walterinio KWS	155.6	---------	171.7	--------	121.7	--------	173.3	---------
Kartagos	140.0	------	153.3	-----	116.7	-------	150.0	------
P8721	164.4	----------	175.0	---------	136.7	----------	181.7	----------
RGT Mexxner	133.9	-----	153.3	-----	105.0	----	143.3	-----
DFI44769	123.9	---	141.7	--	95.0	---	135.0	---
DFI44763	111.1	-	131.7	-	85.0	-	116.7	-
SA2574	148.9	--------	166.7	-------	123.3	--------	156.7	-------
Agro Janus	145.0	-------	170.0	--------	116.7	-------	148.3	-----
KXB5038	135.6	-----	153.3	-----	106.7	-----	146.7	-----
KXB5132	141.1	------	158.3	------	110.0	-----	155.0	------
KXB5141	156.1	---------	185.0	----------	130.0	---------	153.3	------
Frederico KWS	137.8	------	151.7	----	111.7	------	150.0	------
Figaro	148.9	--------	180.0	----------	118.3	-------	148.3	-----
Indexx	149.4	--------	166.7	-------	130.0	---------	151.7	------
LG 30.306	158.9	----------	185.0	----------	131.7	----------	160.0	-------
-Bezugsgrösse(n)	145.0	-------	160.0	------	113.3	------	161.7	--------
Versuchs-Mittel	144.4	-------	163.8	-------	116.3	-------	153.2	------
VK [%]	6.2		5.4		6.6		6.5	
KGD (5%)	8.3		14.6		12.7		16.6	
KGD (1%)	11.0		19.5		17.0		22.2	
Versuchs-Streuung	8.9		8.8		7.7		10.0	
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	28419.3	19	18.93	***	1.68	0.0000
Anbauorte	74815.8	2	473.44	***	3.07	0.0000
WW Verf.*Anb.Orte	4561.9	38	1.52	*	1.51	0.0475
Fehler	9007.5	114				
Insgesamt	116804.6	173				

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	709.4	---------	713.7	----------	683.7	--------	721.0	-------	691.3	-----
Palmer	683.9	-	691.7	----	654.0	--	700.7	--	678.0	---
P8609	695.5	----	690.7	----	670.3	-----	702.7	---	692.0	-----
Quincey	696.3	-----	681.3	--	687.0	---------	708.0	----	687.0	-----
Agro Polis	709.3	---------	713.0	---------	690.7	---------	729.0	--------	696.7	------
Walterinio KWS	705.6	--------	689.7	----	690.0	---------	719.7	------	698.0	------
Kartagos	708.2	--------	717.0	----------	677.3	-------	739.3	----------	688.7	-----
P8721	692.4	---	676.7	-	696.3	----------	707.0	----	679.0	---
RGT Mexxner	693.0	----	699.0	------	674.0	------	712.0	-----	684.0	----
DFI44769	693.3	----	698.3	------	671.0	-----	729.7	---------	661.7	-
DFI44763	693.8	----	702.3	-------	670.0	-----	711.7	-----	664.3	-
SA2574	715.1	----------	717.7	----------	664.3	----	721.7	-------	726.3	----------
Agro Janus	706.6	--------	710.7	---------	688.0	---------	718.0	------	692.7	-----
KXB5038	706.9	--------	715.0	----------	674.0	------	731.3	---------	699.3	------
KXB5132	702.5	-------	711.0	---------	680.3	-------	713.7	-----	691.0	-----
KXB5141	694.9	----	697.7	------	672.0	-----	692.3	-	697.7	------
Frederico KWS	708.4	--------	704.3	-------	679.3	-------	725.7	--------	700.7	-------
Figaro	701.3	------	699.3	------	649.3	-	724.0	-------	696.3	------
Indexx	706.9	--------	703.0	-------	684.7	--------	715.0	-----	697.3	------
LG 30.306	685.1	-	694.7	-----	662.0	---	691.7	-	665.7	-
-Bezugsgrösse(n)	707.4	--------	701.3	-------	690.3	---------	724.3	-------	697.3	------
Versuchs-Mittel	700.4	------	701.3	-------	675.9	------	715.7	------	689.4	-----
VK [%]	2.4		1.4		3.2		2.4		2.8	
KGD (5%)	10.8		16.6		ns		ns		ns	
KGD (1%)	14.3		22.2		ns		ns		ns	
Versuchs-Streuung	16.5		10.0		21.9		17.1		19.4	
FG Fehlerterm	227.0		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	26075.9	19	5.06	***	1.63	0.0000
Anbauorte	69007.6	5	50.93	***	2.26	0.0000
WW Verf.*Anb.Orte	31087.0	95	1.21	ns	1.32	
Fehler	61515.0	227				
Insgesamt	187685.5	346				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	713.0	------	733.7	----------
Palmer	679.3	-	699.7	---
P8609	704.3	-----	713.0	------
Quincey	707.3	-----	707.0	-----
Agro Polis	706.7	-----	719.7	-------
Walterinio KWS	718.0	-------	718.3	-------
Kartagos	726.0	--------	700.7	---
P8721	706.0	-----	689.3	-
RGT Mexxner	690.3	--	698.5	---
DFI44769	703.3	-----	695.7	--
DFI44763	705.3	-----	709.3	-----
SA2574	739.3	----------	721.3	--------
Agro Janus	723.0	--------	707.3	-----
KXB5038	712.3	------	709.7	-----
KXB5132	705.7	-----	713.3	------
KXB5141	709.0	------	700.7	---
Frederico KWS	724.7	--------	715.7	-------
Figaro	727.0	---------	711.7	------
Indexx	737.7	----------	703.7	----
LG 30.306	701.3	----	695.0	--
-Bezugsgrösse(n)	712.3	------	719.0	-------
Versuchs-Mittel	712.0	------	708.2	-----
VK [%]	2.1		1.7	
KGD (5%)	24.6		20.3	
KGD (1%)	33.0		27.2	
Versuchs-Streuung	14.9		12.3	
FG Fehlerterm	38.0		37.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	370.9	---------	392.9	--------	362.3	----------	370.0	-----	341.9	-------
Palmer	355.9	------	383.4	------	365.0	----------	345.1	--	347.6	--------
P8609	362.1	-------	380.4	------	357.1	---------	348.5	---	345.9	--------
Quincey	356.5	------	372.1	-----	350.0	--------	359.4	----	326.9	----
Agro Polis	371.5	---------	398.2	--------	365.0	----------	391.3	-------	340.3	-------
Walterinio KWS	353.5	------	361.6	---	355.0	---------	347.4	---	339.3	-------
Kartagos	365.7	--------	401.9	---------	329.7	------	371.3	-----	328.2	----
P8721	364.4	--------	368.1	----	371.5	----------	357.5	----	346.7	--------
RGT Mexxner	329.4	-	344.9	-	294.8	--	342.9	--	315.3	-
DFI44769	377.1	----------	387.0	-------	350.4	--------	437.0	----------	333.4	-----
DFI44763	362.6	--------	381.5	------	347.7	--------	355.9	---	331.5	-----
SA2574	345.6	----	361.9	---	278.9	-	356.7	---	342.3	-------
Agro Janus	358.7	-------	375.3	-----	328.8	------	359.8	----	348.2	--------
KXB5038	368.7	---------	414.4	----------	323.3	-----	396.3	-------	341.2	-------
KXB5132	356.7	------	395.9	--------	333.7	-------	349.7	---	324.0	---
KXB5141	340.0	---	364.8	---	327.1	------	324.0	-	311.8	-
Frederico KWS	361.0	-------	371.2	----	295.6	--	383.4	------	358.0	----------
Figaro	343.5	----	361.2	---	286.1	-	347.3	---	326.1	----
Indexx	375.1	----------	376.7	-----	368.4	----------	368.3	-----	347.7	--------
LG 30.306	356.9	------	381.9	------	338.9	-------	350.4	---	350.7	---------
-Bezugsgrösse(n)	362.5	--------	379.9	------	360.0	---------	369.4	-----	339.8	-------
Versuchs-Mittel	358.8	-------	378.8	-----	336.5	-------	363.1	----	337.3	------
VK [%]	6.9		4.5		10.5		6.9		8.1	
KGD (5%)	16.4		28.2		58.4		41.6		ns	
KGD (1%)	21.6		37.8		ns		55.7		ns	
Versuchs-Streuung	24.9		17.1		35.3		25.1		27.3	
FG Fehlerterm	227.0		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	50225.7	19	4.26	***	1.63	0.0001
Anbauorte	120952.1	5	38.99	***	2.26	0.0000
WW Verf.*Anb.Orte	80685.8	95	1.37	ns	1.32	
Fehler	140822.4	227				
Insgesamt	392686.0	346				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	354.1	------	404.4	---------
Palmer	335.6	----	358.5	-
P8609	355.4	------	385.0	-----
Quincey	353.6	------	376.7	----
Agro Polis	355.7	------	378.1	----
Walterinio KWS	351.6	------	366.1	--
Kartagos	379.6	---------	383.7	-----
P8721	366.7	--------	375.6	----
RGT Mexxner	307.7	-	371.0	---
DFI44769	368.5	--------	386.0	------
DFI44763	346.0	-----	413.0	----------
SA2574	349.7	------	383.9	-----
Agro Janus	356.0	------	384.2	-----
KXB5038	353.0	------	384.2	-----
KXB5132	344.6	-----	392.2	-------
KXB5141	337.9	----	374.3	----
Frederico KWS	357.4	-------	400.1	--------
Figaro	354.8	------	385.3	------
Indexx	390.2	----------	399.2	--------
LG 30.306	350.8	------	368.8	--
-Bezugsgrösse(n)	353.7	------	372.1	---
Versuchs-Mittel	353.5	------	383.5	-----
VK [%]	6.1		4.8	
KGD (5%)	ns		30.4	
KGD (1%)	ns		ns	
Versuchs-Streuung	21.4		18.4	
FG Fehlerterm	38.0		37.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	163.7	----	155.1	---	172.8	--	168.0	------	169.2	-----
Palmer	175.3	----------	167.7	-------	183.2	-----	182.8	----------	177.3	--------
P8609	171.1	--------	169.1	-------	181.7	----	179.1	---------	176.6	-------
Quincey	169.4	-------	170.7	--------	175.0	--	171.5	-------	179.2	--------
Agro Polis	159.2	-	151.2	-	168.3	-	153.6	---	172.2	------
Walterinio KWS	165.3	-----	165.9	------	171.3	-	177.3	--------	168.7	-----
Kartagos	161.6	---	149.8	-	180.9	----	166.4	------	175.7	-------
P8721	170.5	-------	179.4	----------	168.9	-	176.1	--------	173.7	------
RGT Mexxner	174.9	----------	169.5	-------	194.4	--------	174.7	--------	175.9	-------
DFI44769	162.8	---	163.0	-----	184.4	-----	143.7	-	178.0	--------
DFI44763	167.2	------	160.6	----	181.9	----	178.3	---------	173.6	------
SA2574	160.4	--	157.4	---	189.6	------	168.6	------	157.3	-
Agro Janus	164.0	----	163.3	-----	179.0	----	166.6	------	164.7	---
KXB5038	157.6	-	148.8	-	180.9	----	150.4	--	165.1	---
KXB5132	167.7	------	155.8	---	182.7	----	170.3	-------	179.0	--------
KXB5141	176.6	----------	167.8	-------	187.1	------	187.2	----------	185.6	----------
Frederico KWS	164.1	----	162.1	-----	191.8	-------	164.2	-----	159.6	-
Figaro	171.2	--------	166.4	------	205.3	----------	174.5	--------	173.0	------
Indexx	164.0	----	162.9	-----	172.6	--	177.5	--------	170.8	-----
LG 30.306	174.8	----------	166.8	------	190.2	-------	181.8	---------	177.5	--------
-Bezugsgrösse(n)	162.2	---	158.5	----	169.8	-	165.5	------	170.5	-----
Versuchs-Mittel	167.1	------	162.7	-----	182.1	----	170.6	-------	172.6	------
VK [%]	7.3		4.4		9.4		7.2		8.0	
KGD (5%)	8.0		11.8		ns		20.2		ns	
KGD (1%)	10.5		15.8		ns		27.0		ns	
Versuchs-Streuung	12.2		7.1		17.1		12.2		13.9	
FG Fehlerterm	227.0		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	11069.3	19	3.94	***	1.63	0.0001
Anbauorte	40005.1	5	54.14	***	2.26	0.0000
WW Verf.*Anb.Orte	14923.0	95	1.06	ns	1.32	
Fehler	33545.7	227				
Insgesamt	99543.1	346				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	173.4	-------	143.7	---
Palmer	178.2	---------	162.9	----------
P8609	168.5	------	151.7	------
Quincey	163.7	----	156.3	--------
Agro Polis	162.7	----	146.9	-----
Walterinio KWS	158.0	---	150.7	------
Kartagos	151.4	-	145.5	----
P8721	165.8	-----	159.2	---------
RGT Mexxner	185.4	----------	149.5	------
DFI44769	161.8	----	145.9	----
DFI44763	170.1	------	138.5	-
SA2574	151.0	-	138.5	-
Agro Janus	164.4	----	146.2	----
KXB5038	164.5	-----	136.1	-
KXB5132	174.4	-------	143.9	----
KXB5141	178.8	---------	152.8	-------
Frederico KWS	167.4	-----	139.6	--
Figaro	164.0	----	143.9	---
Indexx	154.7	--	145.4	----
LG 30.306	176.7	--------	155.6	--------
-Bezugsgrösse(n)	160.4	---	148.8	-----
Versuchs-Mittel	166.8	-----	147.6	-----
VK [%]	6.1		6.6	
KGD (5%)	16.7		ns	
KGD (1%)	22.4		ns	
Versuchs-Streuung	10.1		9.8	
FG Fehlerterm	38.0		37.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	362.4	----	349.7	--	383.0	------	379.1	------	371.5	------
Palmer	378.4	--------	367.1	------	397.1	--------	393.8	--------	368.7	-----
P8609	375.1	-------	375.3	-------	395.9	--------	394.8	--------	378.0	-------
Quincey	368.1	-----	371.7	-------	367.3	---	384.6	-------	380.2	--------
Agro Polis	350.8	-	342.3	-	356.6	--	349.8	--	368.5	-----
Walterinio KWS	358.0	---	369.2	------	348.4	-	386.8	-------	364.6	----
Kartagos	360.6	---	345.6	-	373.3	----	372.2	-----	384.6	---------
P8721	367.6	-----	390.8	----------	358.8	--	376.7	------	380.0	--------
RGT Mexxner	386.5	----------	382.1	---------	403.8	---------	386.2	-------	391.0	----------
DFI44769	357.2	--	359.4	----	382.7	------	340.9	-	374.9	------
DFI44763	356.8	--	349.7	--	376.8	-----	368.6	-----	370.0	-----
SA2574	357.8	---	361.7	-----	393.1	-------	374.4	------	352.6	-
Agro Janus	364.2	----	368.4	------	383.5	------	374.1	-----	368.8	-----
KXB5038	355.6	--	357.3	----	384.4	------	349.6	--	357.1	--
KXB5132	364.5	----	355.8	---	378.6	-----	367.9	-----	381.6	--------
KXB5141	382.3	---------	374.0	-------	386.8	------	409.2	----------	388.8	----------
Frederico KWS	359.2	---	364.7	-----	379.3	-----	360.1	---	359.7	--
Figaro	375.5	--------	377.6	--------	415.1	----------	384.7	-------	372.1	------
Indexx	351.0	-	352.2	---	359.9	--	376.5	------	355.2	-
LG 30.306	371.0	------	366.7	------	377.7	-----	380.3	------	380.2	--------
-Bezugsgrösse(n)	354.4	--	355.7	---	352.5	-	368.3	-----	366.6	----
Versuchs-Mittel	365.1	-----	364.1	-----	380.1	-----	375.5	------	372.4	------
VK [%]	5.0		2.8		5.5		5.4		5.7	
KGD (5%)	12.0		16.8		34.5		33.7		ns	
KGD (1%)	15.8		22.6		ns		ns		ns	
Versuchs-Streuung	18.3		10.2		20.9		20.4		21.1	
FG Fehlerterm	227.0		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	35698.8	19	5.63	***	1.63	0.0000
Anbauorte	65846.9	5	39.49	***	2.26	0.0000
WW Verf.*Anb.Orte	35464.9	95	1.12	ns	1.32	
Fehler	75703.3	227				
Insgesamt	212713.8	346				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	357.9	-----	333.1	----
Palmer	381.5	--------	362.4	----------
P8609	365.4	------	341.2	------
Quincey	353.1	----	351.8	--------
Agro Polis	356.9	-----	330.6	----
Walterinio KWS	349.5	----	329.8	---
Kartagos	336.8	--	351.1	--------
P8721	348.3	---	350.9	--------
RGT Mexxner	397.8	----------	358.2	----------
DFI44769	351.9	----	333.4	----
DFI44763	358.5	-----	317.1	-
SA2574	339.3	--	325.7	---
Agro Janus	354.5	----	336.0	-----
KXB5038	359.2	-----	326.1	---
KXB5132	372.0	-------	331.5	----
KXB5141	379.7	--------	355.5	---------
Frederico KWS	360.7	-----	330.5	----
Figaro	367.6	------	335.9	-----
Indexx	329.2	-	333.1	----
LG 30.306	374.3	-------	346.5	-------
-Bezugsgrösse(n)	353.2	----	330.2	---
Versuchs-Mittel	359.7	-----	339.0	-----
VK [%]	4.6		5.3	
KGD (5%)	27.3		29.9	
KGD (1%)	36.5		ns	
Versuchs-Streuung	16.5		18.1	
FG Fehlerterm	38.0		37.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	62.9	---	61.7	--	68.7	-----	59.3	-----	62.2	--
Palmer	61.1	-	63.6	----	64.1	-	57.7	---	61.5	--
P8609	61.2	-	60.8	-	68.0	----	57.0	---	61.1	-
Quincey	64.7	-----	62.9	---	73.9	----------	57.7	---	66.1	------
Agro Polis	63.6	----	64.0	----	70.3	------	58.6	----	64.8	-----
Walterinio KWS	63.3	---	61.9	--	74.3	----------	58.2	----	62.8	---
Kartagos	61.6	-	65.7	-----	70.4	-------	57.7	---	60.2	-
P8721	63.5	----	63.6	----	71.7	--------	55.2	-	64.0	----
RGT Mexxner	66.5	--------	67.9	-------	73.1	---------	63.9	----------	66.8	-------
DFI44769	68.4	----------	72.1	----------	74.6	----------	62.7	---------	68.4	--------
DFI44763	65.6	------	66.8	------	69.2	-----	61.9	--------	63.4	----
SA2574	68.3	----------	72.0	----------	72.6	---------	62.1	--------	69.1	---------
Agro Janus	63.8	----	66.5	------	70.7	-------	59.5	-----	62.5	---
KXB5038	66.5	--------	68.4	--------	72.4	---------	62.7	---------	66.3	------
KXB5132	64.7	-----	67.2	-------	70.9	-------	58.7	----	63.9	----
KXB5141	62.2	--	59.7	-	67.1	---	57.9	----	64.4	-----
Frederico KWS	62.8	---	62.4	---	72.1	--------	57.1	---	62.4	---
Figaro	65.0	------	68.1	-------	70.1	------	60.1	------	65.4	------
Indexx	68.9	----------	69.2	--------	73.1	---------	64.2	----------	70.7	----------
LG 30.306	62.7	---	67.3	-------	69.2	------	58.1	----	61.3	--
-Bezugsgrösse(n)	63.4	----	62.9	---	72.3	--------	58.4	----	63.8	----
Versuchs-Mittel	64.4	-----	65.6	-----	70.8	-------	59.5	-----	64.4	-----
VK [%]	5.1		5.3		4.3		4.4		5.4	
KGD (5%)	2.2		5.8		5.0		4.3		5.7	
KGD (1%)	2.8		7.8		ns		5.8		ns	
Versuchs-Streuung	3.3		3.5		3.0		2.6		3.5	
FG Fehlerterm	227.0		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	1911.0	19	9.33	***	1.63	0.0000
Anbauorte	4306.1	5	79.91	***	2.26	0.0000
WW Verf.*Anb.Orte	1296.7	95	1.27	ns	1.32	
Fehler	2446.4	227				
Insgesamt	9960.3	346				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	61.2	----	64.4	---------
Palmer	58.5	--	61.0	------
P8609	56.5	-	63.7	--------
Quincey	62.0	-----	65.6	----------
Agro Polis	59.1	---	65.0	----------
Walterinio KWS	59.0	--	63.5	--------
Kartagos	59.8	---	55.8	-
P8721	64.0	------	62.6	-------
RGT Mexxner	65.8	-------	61.4	------
DFI44769	66.9	--------	65.5	----------
DFI44763	68.3	---------	64.2	---------
SA2574	70.2	----------	63.6	--------
Agro Janus	63.0	-----	60.5	-----
KXB5038	66.0	--------	62.9	--------
KXB5132	66.2	--------	61.3	------
KXB5141	64.9	-------	59.1	----
Frederico KWS	63.4	------	59.2	----
Figaro	65.3	-------	61.1	------
Indexx	70.0	----------	66.0	----------
LG 30.306	61.6	----	58.8	---
-Bezugsgrösse(n)	59.0	--	64.2	---------
Versuchs-Mittel	63.6	------	62.3	-------
VK [%]	5.6		5.5	
KGD (5%)	5.8		5.7	
KGD (1%)	7.8		ns	
Versuchs-Streuung	3.5		3.4	
FG Fehlerterm	38.0		37.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	581.7	---	567.6	--	725.5	-----	467.4	----	562.1	---
Palmer	684.6	----------	672.2	-------	778.9	-------	619.4	----------	686.2	----------
P8609	562.0	-	542.2	-	676.6	---	489.2	-----	516.1	-
Quincey	644.0	-------	663.7	-------	731.3	-----	570.0	---------	597.8	-----
Agro Polis	637.6	------	655.3	------	770.3	------	544.0	-------	628.5	-------
Walterinio KWS	699.0	----------	720.0	----------	886.9	----------	531.1	-------	683.8	----------
Kartagos	559.4	-	575.7	---	680.4	---	503.6	------	542.7	--
P8721	653.1	-------	669.4	-------	777.4	-------	544.3	-------	637.0	--------
RGT Mexxner	567.2	--	615.7	----	679.2	---	465.2	----	552.6	---
DFI44769	555.0	-	644.9	------	661.1	--	380.2	-	516.4	-
DFI44763	551.8	-	643.6	------	612.2	-	448.2	---	536.5	--
SA2574	616.1	-----	584.7	---	739.9	-----	457.4	----	608.5	------
Agro Janus	595.8	----	619.3	-----	722.5	-----	493.7	-----	582.6	-----
KXB5038	556.8	-	536.9	-	700.2	----	458.0	----	558.2	---
KXB5132	572.2	--	639.1	------	657.0	--	468.7	----	539.9	--
KXB5141	653.7	--------	741.0	----------	757.2	------	551.6	--------	635.8	--------
Frederico KWS	553.0	-	562.4	--	637.8	--	438.3	---	576.7	----
Figaro	637.4	------	740.0	----------	717.0	----	553.2	--------	669.0	----------
Indexx	670.5	---------	686.3	--------	773.7	------	577.5	---------	651.3	---------
LG 30.306	647.6	-------	740.9	----------	692.8	----	595.3	----------	583.8	-----
-Bezugsgrösse(n)	668.3	---------	687.6	--------	828.6	--------	537.5	-------	656.2	---------
Versuchs-Mittel	609.9	-----	641.0	------	718.9	----	507.8	------	593.3	-----
VK [%]	9.0		11.5		6.8		6.9		9.6	
KGD (5%)	36.1		122.0		80.5		58.1		94.3	
KGD (1%)	47.6		ns		107.8		77.8		126.3	
Versuchs-Streuung	55.0		73.8		48.7		35.2		57.1	
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	839930.5	19	14.62	***	1.63	0.0000
Anbauorte	1766287.2	5	116.82	***	2.26	0.0000
WW Verf.*Anb.Orte	401566.7	95	1.40	ns	1.32	
Fehler	689436.1	228				
Insgesamt	3697220.5	347				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	651.4	-----	516.0	----
Palmer	702.8	-------	648.2	----------
P8609	580.8	-	567.2	------
Quincey	712.2	-------	588.8	--------
Agro Polis	657.7	-----	569.5	-------
Walterinio KWS	777.0	----------	595.5	--------
Kartagos	600.2	--	454.0	-
P8721	668.6	-----	622.0	---------
RGT Mexxner	566.7	-	523.7	----
DFI44769	653.9	-----	473.9	--
DFI44763	584.7	-	485.7	--
SA2574	782.8	----------	523.1	----
Agro Janus	605.8	--	550.7	------
KXB5038	583.1	-	504.3	---
KXB5132	610.6	---	517.7	----
KXB5141	665.5	-----	571.2	-------
Frederico KWS	583.0	-	519.7	----
Figaro	631.9	----	513.5	----
Indexx	721.8	--------	612.2	---------
LG 30.306	709.5	-------	563.5	------
-Bezugsgrösse(n)	717.3	--------	582.5	-------
Versuchs-Mittel	652.5	-----	546.0	-----
VK [%]	7.5		10.8	
KGD (5%)	80.4		97.4	
KGD (1%)	107.7		ns	
Versuchs-Streuung	48.7		58.9	
FG Fehlerterm	38.0		38.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	223.9	-----	214.6	-	244.7	------	208.0	-----	236.1	---
Palmer	244.6	---------	229.4	----	276.9	----------	242.8	---------	255.4	-----
P8609	220.8	----	217.2	--	238.0	-----	209.8	-----	225.9	-
Quincey	236.1	-------	226.4	----	243.9	------	234.4	--------	247.1	----
Agro Polis	252.4	----------	246.2	--------	280.9	----------	249.4	---------	264.6	-------
Walterinio KWS	247.9	----------	250.9	---------	244.6	------	228.2	-------	293.4	----------
Kartagos	227.2	-----	224.9	---	236.9	-----	229.7	-------	240.2	---
P8721	237.2	--------	233.0	-----	246.4	------	230.7	-------	244.9	----
RGT Mexxner	222.4	----	233.6	-----	229.0	----	211.9	-----	244.2	----
DFI44769	212.8	---	230.5	----	232.4	----	174.6	-	224.0	-
DFI44763	203.3	-	219.2	--	211.7	--	205.8	----	220.9	-
SA2574	222.9	-----	211.3	-	204.5	-	195.4	---	253.8	-----
Agro Janus	228.0	------	227.0	----	231.5	----	219.0	------	246.6	----
KXB5038	216.4	---	214.9	-	235.5	-----	205.6	----	227.4	-
KXB5132	233.3	-------	259.5	----------	241.5	-----	218.7	------	239.2	---
KXB5141	246.3	---------	260.7	----------	245.0	------	237.6	--------	277.5	--------
Frederico KWS	215.4	---	220.2	--	204.5	-	198.6	---	238.7	---
Figaro	237.3	--------	249.4	--------	245.1	------	244.9	---------	277.2	--------
Indexx	248.1	----------	237.0	------	246.3	------	260.1	----------	273.8	--------
LG 30.306	238.8	--------	260.1	----------	253.4	-------	230.5	-------	242.3	----
-Bezugsgrösse(n)	250.1	----------	248.5	--------	262.7	--------	238.8	--------	279.0	---------
Versuchs-Mittel	230.7	------	233.3	-----	239.6	-----	221.8	------	248.7	----
VK [%]	9.6		9.3		10.7		8.7		10.4	
KGD (5%)	14.6		ns		ns		32.0		ns	
KGD (1%)	19.2		ns		ns		42.8		ns	
Versuchs-Streuung	22.2		21.6		25.6		19.3		25.8	
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	62902.0	19	6.70	***	1.63	0.0000
Anbauorte	163206.1	5	66.10	***	2.26	0.0000
WW Verf.*Anb.Orte	53046.6	95	1.13	ns	1.32	
Fehler	112584.7	228				
Insgesamt	391739.4	347				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	256.5	-------	183.4	-----
Palmer	259.3	-------	203.7	---------
P8609	236.8	-----	197.2	--------
Quincey	268.5	--------	196.0	--------
Agro Polis	269.3	--------	203.9	---------
Walterinio KWS	279.5	---------	190.7	-------
Kartagos	250.0	------	181.5	-----
P8721	258.4	-------	209.6	----------
RGT Mexxner	229.9	----	185.6	-----
DFI44769	249.8	------	165.4	-
DFI44763	199.1	-	163.2	-
SA2574	291.4	----------	181.1	----
Agro Janus	244.0	-----	199.8	--------
KXB5038	241.3	-----	173.5	---
KXB5132	250.5	------	190.2	------
KXB5141	260.6	-------	196.7	--------
Frederico KWS	236.8	-----	193.6	-------
Figaro	233.2	----	174.2	---
Indexx	269.3	--------	202.1	---------
LG 30.306	263.3	--------	183.1	-----
-Bezugsgrösse(n)	274.4	---------	197.3	--------
Versuchs-Mittel	252.4	------	188.7	------
VK [%]	8.4		9.9	
KGD (5%)	35.2		ns	
KGD (1%)	47.1		ns	
Versuchs-Streuung	21.3		18.6	
FG Fehlerterm	38.0		38.0	
Anz. Beob.	3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	38.9	------	37.8	------	33.8	-------	44.7	--------	42.0	-------
Palmer	35.8	-	34.3	-	35.5	---------	39.1	-	37.3	-
P8609	39.6	--------	40.2	----------	35.2	---------	42.9	------	43.8	----------
Quincey	36.9	---	34.2	-	33.3	-------	41.1	----	41.5	-------
Agro Polis	39.8	--------	37.7	------	36.5	----------	45.9	----------	42.2	--------
Walterinio KWS	36.2	-	34.8	--	27.7	-	43.3	------	43.4	---------
Kartagos	41.0	----------	39.3	--------	34.9	---------	45.6	---------	44.3	----------
P8721	36.7	--	34.9	--	31.5	-----	42.4	-----	38.6	--
RGT Mexxner	39.6	--------	38.0	-------	33.7	-------	45.5	---------	44.2	----------
DFI44769	38.9	-------	35.7	---	35.2	---------	46.0	----------	43.6	----------
DFI44763	37.2	---	34.0	-	34.6	--------	45.9	----------	41.2	------
SA2574	36.7	--	36.2	----	27.7	-	42.7	------	41.7	-------
Agro Janus	38.7	------	36.7	-----	32.0	-----	44.4	--------	42.3	--------
KXB5038	39.2	-------	40.0	---------	33.6	-------	44.9	--------	40.7	-----
KXB5132	41.1	----------	40.9	----------	36.8	----------	46.6	----------	44.3	----------
KXB5141	38.0	-----	35.3	---	32.4	------	43.1	------	43.7	----------
Frederico KWS	39.2	-------	39.2	--------	31.6	-----	45.4	---------	41.3	------
Figaro	37.5	----	33.7	-	34.5	--------	44.7	--------	41.4	------
Indexx	37.3	----	34.5	--	31.9	-----	45.1	---------	42.2	--------
LG 30.306	36.9	---	35.3	---	36.5	----------	38.6	-	41.5	-------
-Bezugsgrösse(n)	38.0	-----	36.3	----	32.1	-----	44.6	--------	42.8	--------
Versuchs-Mittel	38.3	-----	36.6	-----	33.4	-------	43.9	-------	42.1	-------
VK [%]	6.5		5.1		7.9		7.2		8.5	
KGD (5%)	1.6		3.1		4.3		ns		ns	
KGD (1%)	2.2		4.2		5.8		ns		ns	
Versuchs-Streuung	2.5		1.9		2.6		3.2		3.6	
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	819.8	19	6.97	***	1.63	0.0000
Anbauorte	5107.9	5	164.96	***	2.26	0.0000
WW Verf.*Anb.Orte	806.8	95	1.37	ns	1.32	
Fehler	1412.0	228				
Insgesamt	8146.5	347				

Précocité [% MS] / Frühreife [% TS]

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	39.4	--------	35.5	-----
Palmer	36.8	----	31.4	-
P8609	40.8	---------	34.7	-----
Quincey	37.7	-----	33.3	---
Agro Polis	41.0	----------	35.7	------
Walterinio KWS	36.0	---	32.1	-
Kartagos	41.7	----------	39.9	----------
P8721	38.7	-------	33.8	---
RGT Mexxner	40.6	---------	35.4	-----
DFI44769	38.1	------	34.9	-----
DFI44763	34.1	-	33.6	---
SA2574	37.2	-----	34.7	----
Agro Janus	40.2	---------	36.3	------
KXB5038	41.4	----------	34.5	----
KXB5132	41.0	----------	36.8	-------
KXB5141	39.2	-------	34.5	----
Frederico KWS	40.6	---------	37.3	-------
Figaro	37.0	----	34.0	----
Indexx	37.4	-----	33.0	---
LG 30.306	37.2	-----	32.5	--
-Bezugsgrösse(n)	38.5	------	33.9	----
Versuchs-Mittel	38.8	-------	34.7	----
VK [%]	4.6		2.5	
KGD (5%)	2.9		1.4	
KGD (1%)	3.9		1.9	
Versuchs-Streuung	1.8		0.9	
FG Fehlerterm	38.0		38.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1896 vouvry	
NK Silotop	12.5	---	12.5	---
Palmer	0.0	-	0.0	-
P8609	0.0	-	0.0	-
Quincey	12.5	---	12.5	---
Agro Polis	0.0	-	0.0	-
Walterinio KWS	0.0	-	0.0	-
Kartagos	0.0	-	0.0	-
P8721	0.0	-	0.0	-
RGT Mexxner	0.0	-	0.0	-
DFI44769	0.0	-	0.0	-
DFI44763	0.0	-	0.0	-
SA2574	45.8	----------	45.8	----------
Agro Janus	0.0	-	0.0	-
KXB5038	0.0	-	0.0	-
KXB5132	0.0	-	0.0	-
KXB5141	0.0	-	0.0	-
Frederico KWS	0.0	-	0.0	-
Figaro	0.0	-	0.0	-
Indexx	0.0	-	0.0	-
LG 30.306	12.5	---	12.5	---
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	4.2	--	4.2	--
VK [%]	179.7		179.7	
KGD (5%)	12.4		12.4	
KGD (1%)	16.6		16.6	
Versuchs-Streuung	7.5		7.5	
FG Fehlerterm	38.0		38.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
NK Silotop	4.2	----	4.2	----
Palmer	0.0	-	0.0	-
P8609	8.3	-------	8.3	-------
Quincey	0.0	-	0.0	-
Agro Polis	0.0	-	0.0	-
Walterinio KWS	0.0	-	0.0	-
Kartagos	0.0	-	0.0	-
P8721	0.0	-	0.0	-
RGT Mexxner	0.0	-	0.0	-
DFI44769	0.0	-	0.0	-
DFI44763	0.0	-	0.0	-
SA2574	12.5	----------	12.5	----------
Agro Janus	0.0	-	0.0	-
KXB5038	0.0	-	0.0	-
KXB5132	0.0	-	0.0	-
KXB5141	0.0	-	0.0	-
Frederico KWS	0.0	-	0.0	-
Figaro	0.0	-	0.0	-
Indexx	0.0	-	0.0	-
LG 30.306	0.0	-	0.0	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	1.3	--	1.3	--
VK [%]	363.9		363.9	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	4.5		4.5	
FG Fehlerterm	38.0		38.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
NK Silotop	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	-
Walterinio KWS	0.0	-	0.0	-
Kartagos	4.2	----------	4.2	----------
P8721	0.0	-	0.0	-
RGT Mexxner	0.0	-	0.0	-
DFI44769	0.0	-	0.0	-
DFI44763	0.0	-	0.0	-
SA2574	4.2	----------	4.2	----------
Agro Janus	0.0	-	0.0	-
KXB5038	4.2	----------	4.2	----------
KXB5132	0.0	-	0.0	-
KXB5141	0.0	-	0.0	-
Frederico KWS	0.0	-	0.0	-
Figaro	0.0	-	0.0	-
Indexx	4.2	----------	4.2	----------
LG 30.306	0.0	-	0.0	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	0.8	---	0.8	---
VK [%]	394.9		394.9	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	3.3		3.3	
FG Fehlerterm	38.0		38.0	
Anz. Beob.	3.0		3.0	

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
NK Silotop	0.3	-	0.0	-	0.0	-	1.1	--	0.0	-
Palmer	0.5	--	1.5	--------	0.0	-	0.6	-	0.0	-
P8609	1.0	---	0.4	---	0.0	-	1.8	--	1.7	---
Quincey	1.1	---	1.4	--------	0.0	-	1.1	--	1.8	---
Agro Polis	1.5	----	1.1	------	0.0	-	0.5	-	4.3	-------
Walterinio KWS	2.3	-------	1.5	---------	1.2	----------	1.3	--	5.0	--------
Kartagos	0.4	-	0.3	--	0.0	-	0.6	-	0.6	-
P8721	3.4	----------	0.4	--	0.6	------	6.0	------	6.7	----------
RGT Mexxner	1.3	----	0.0	-	0.0	-	3.0	---	2.1	----
DFI44769	0.2	-	0.8	-----	0.0	-	0.0	-	0.0	-
DFI44763	3.6	----------	0.7	-----	0.0	-	10.7	----------	2.8	-----
SA2574	0.8	--	1.2	-------	0.0	-	1.2	--	0.8	--
Agro Janus	0.3	-	0.0	-	0.0	-	1.1	--	0.0	-
KXB5038	0.4	-	0.0	-	0.0	-	1.8	--	0.0	-
KXB5132	0.9	---	1.8	----------	0.0	-	1.7	--	0.0	-
KXB5141	1.3	----	1.9	----------	1.3	----------	1.4	--	0.6	--
Frederico KWS	0.9	---	0.4	---	0.0	-	1.7	--	1.3	---
Figaro	0.8	--	1.2	-------	0.0	-	1.2	--	0.7	--
Indexx	1.1	---	0.7	----	0.0	-	1.8	--	2.0	----
LG 30.306	0.7	--	0.0	-	0.0	-	1.5	--	1.5	---
-Bezugsgrösse(n)	1.9	------	1.3	--------	0.6	-----	0.9	-	4.7	--------
Versuchs-Mittel	1.1	---	0.8	-----	0.2	--	2.0	--	1.6	---
VK [%]	139.4		132.8		467.0		84.0		147.4	
KGD (5%)	1.3		ns		ns		2.8		3.9	
KGD (1%)	1.7		ns		ns		3.7		ns	
Versuchs-Streuung	1.6		1.0		0.7		1.7		2.3	
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	202.2	19	4.29	***	1.66	0.0001
Anbauorte	123.5	3	16.61	***	2.66	0.0000
WW Verf.*Anb.Orte	350.8	57	2.48	***	1.41	0.0003
Fehler	376.8	152				
Insgesamt	1053.3	231				

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	8.5	-----	8.8	--------	8.6	---	9.1	-----	8.5	-----
Palmer	8.5	----	8.3	---	9.0	-------	9.2	-----	8.9	-------
P8609	9.0	---------	8.7	------	8.9	------	8.8	----	9.5	----------
Quincey	8.9	---------	8.4	----	9.2	----------	9.2	------	9.4	---------
Agro Polis	9.1	----------	8.8	--------	9.0	-------	10.1	----------	9.6	----------
Walterinio KWS	8.7	-------	9.1	----------	8.8	-----	9.0	-----	8.5	-----
Kartagos	8.8	--------	8.8	--------	9.2	----------	9.3	------	9.3	---------
P8721	8.7	------	9.0	---------	9.0	-------	8.9	----	8.7	------
RGT Mexxner	8.1	-	8.7	------	8.4	-	8.2	-	8.8	-------
DFI44769	8.6	------	9.0	---------	8.9	-------	8.6	--	8.9	-------
DFI44763	8.5	----	9.1	----------	8.6	--	9.0	-----	8.6	-----
SA2574	8.5	----	8.1	-	8.7	----	9.4	-------	8.9	-------
Agro Janus	9.1	----------	9.1	----------	9.3	----------	9.0	-----	9.2	---------
KXB5038	8.8	--------	8.8	--------	9.3	----------	8.7	---	9.1	--------
KXB5132	8.9	---------	9.1	----------	9.1	--------	9.3	------	9.2	---------
KXB5141	8.5	-----	9.2	----------	8.8	-----	9.0	-----	7.7	-
Frederico KWS	8.7	-------	8.8	-------	8.8	-----	9.2	------	8.7	------
Figaro	8.7	-------	9.2	----------	8.9	------	9.3	-------	8.7	------
Indexx	8.4	----	8.7	------	9.0	-------	9.1	-----	8.5	-----
LG 30.306	8.4	---	8.6	-----	9.0	-------	9.4	-------	7.6	-
-Bezugsgrösse(n)	8.9	---------	9.0	---------	8.9	------	9.6	--------	9.1	--------
Versuchs-Mittel	8.7	------	8.8	-------	8.9	------	9.1	-----	8.8	-------
VK [%]	6.1		5.6		3.6		5.2		5.8	
KGD (5%)	0.3		ns		ns		0.8		0.8	
KGD (1%)	0.5		ns		ns		ns		1.1	
Versuchs-Streuung	0.5		0.5		0.3		0.5		0.5	
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	23.2	19	4.39	***	1.63	0.0000
Anbauorte	56.7	5	40.72	***	2.26	0.0000
WW Verf.*Anb.Orte	42.1	95	1.59	ns	1.32	
Fehler	63.5	228				
Insgesamt	185.5	347				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	8.3	----	7.9	-------
Palmer	8.0	---	7.5	-----
P8609	9.6	----------	8.2	---------
Quincey	9.0	-------	8.2	---------
Agro Polis	9.0	--------	8.1	--------
Walterinio KWS	8.6	------	8.2	---------
Kartagos	8.5	-----	8.0	--------
P8721	8.8	-------	7.7	------
RGT Mexxner	7.7	-	6.6	-
DFI44769	8.9	-------	7.2	----
DFI44763	8.1	---	7.5	-----
SA2574	7.6	-	8.1	--------
Agro Janus	9.4	---------	8.6	----------
KXB5038	9.4	----------	7.6	------
KXB5132	9.2	---------	7.9	-------
KXB5141	8.1	---	8.2	---------
Frederico KWS	8.5	-----	8.5	----------
Figaro	8.0	---	8.2	---------
Indexx	7.7	-	7.8	-------
LG 30.306	8.1	---	7.6	------
-Bezugsgrösse(n)	8.8	-------	8.1	--------
Versuchs-Mittel	8.5	-----	7.9	-------
VK [%]	5.6		10.0	
KGD (5%)	0.8		ns	
KGD (1%)	1.0		ns	
Versuchs-Streuung	0.5		0.8	
FG Fehlerterm	38.0		38.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1896 vouvry		8046 Reckenholz ZH		8566 Ellighausen TG	
NK Silotop	50.7	---------	54.9	---------	44.0	-------	53.1	---------
Palmer	50.7	---------	54.1	--------	47.6	----------	50.5	-------
P8609	48.5	-------	50.5	------	45.3	--------	49.6	-------
Quincey	51.5	----------	53.4	--------	45.1	--------	56.0	----------
Agro Polis	42.8	----	45.0	--	37.4	---	45.9	-----
Walterinio KWS	46.1	------	48.6	-----	40.7	-----	49.0	------
Kartagos	46.7	------	48.9	-----	42.7	------	48.4	------
P8721	53.0	----------	53.6	--------	49.3	----------	56.2	----------
RGT Mexxner	45.6	------	48.9	-----	41.7	------	46.2	-----
DFI44769	41.9	---	45.2	--	37.5	---	43.1	---
DFI44763	38.5	-	43.0	-	33.4	-	39.0	-
SA2574	49.6	--------	53.5	--------	45.7	--------	49.6	-------
Agro Janus	48.2	-------	51.6	-------	43.3	-------	49.9	-------
KXB5038	46.8	------	50.3	------	41.0	-----	49.2	-------
KXB5132	47.5	-------	50.1	------	42.4	------	50.0	-------
KXB5141	50.8	---------	57.2	----------	47.2	---------	47.9	------
Frederico KWS	45.4	-----	47.9	----	39.4	----	48.8	------
Figaro	50.7	---------	56.8	----------	45.6	--------	49.7	-------
Indexx	52.0	----------	55.0	---------	49.1	----------	52.0	--------
LG 30.306	50.5	---------	53.4	--------	48.8	----------	49.5	-------
-Bezugsgrösse(n)	44.4	-----	46.8	---	39.1	----	47.5	------
Versuchs-Mittel	47.9	-------	51.1	------	43.4	-------	49.2	-------
VK [%]	5.9		5.5		6.3		5.9	
KGD (5%)	2.6		4.6		4.5		4.8	
KGD (1%)	3.5		6.2		6.1		6.4	
Versuchs-Streuung	2.8		2.8		2.7		2.9	
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	2404.9	19	15.94	***	1.68	0.0000
Anbauorte	1949.7	2	122.75	***	3.07	0.0000
WW Verf.*Anb.Orte	392.5	38	1.30	ns	1.51	0.1461
Fehler	905.3	114				
Insgesamt	5652.4	173				

Floraison [jours] / Blühbeginn [Tage]

Verfahren	Seriemittel		1896 vouvry		8046 Reckenholz ZH		8566 Ellighausen TG	
NK Silotop	83.0	-----	84.7	--------	81.3	----	83.0	----
Palmer	87.1	----------	86.7	----------	88.0	----------	86.7	---------
P8609	84.4	-------	84.7	--------	84.0	------	84.7	-------
Quincey	84.7	-------	86.0	----------	84.7	-------	83.3	-----
Agro Polis	81.7	----	81.0	---	81.3	----	82.7	----
Walterinio KWS	83.8	------	84.0	-------	82.3	-----	85.0	-------
Kartagos	82.6	-----	83.3	------	81.3	----	83.0	----
P8721	85.9	---------	86.0	----------	87.0	---------	84.7	-------
RGT Mexxner	79.9	-	79.7	-	79.0	--	81.0	--
DFI44769	79.7	-	79.3	-	79.0	--	80.7	-
DFI44763	79.2	-	79.3	-	78.0	-	80.3	-
SA2574	83.0	-----	82.7	-----	81.7	----	84.7	-------
Agro Janus	82.6	-----	81.7	----	83.0	-----	83.0	----
KXB5038	79.9	-	79.7	-	79.3	--	80.7	-
KXB5132	82.9	-----	83.0	------	83.0	-----	82.7	----
KXB5141	82.7	-----	83.0	------	82.7	-----	82.3	---
Frederico KWS	81.3	---	80.0	--	81.3	----	82.7	----
Figaro	81.4	---	80.0	--	81.3	----	83.0	----
Indexx	83.0	-----	85.0	--------	81.3	----	82.7	----
LG 30.306	87.6	----------	86.3	----------	88.7	----------	87.7	----------
-Bezugsgrösse(n)	82.7	-----	82.5	-----	81.8	----	83.8	-----
Versuchs-Mittel	82.8	-----	82.8	-----	82.4	-----	83.2	-----
VK [%]	1.6		2.0		1.7		1.1	
KGD (5%)	1.3		2.7		2.3		1.5	
KGD (1%)	1.7		3.6		3.1		2.0	
Versuchs-Streuung	1.4		1.6		1.4		0.9	
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	926.9	19	26.75	***	1.68	0.0000
Anbauorte	19.2	2	5.27	**	3.07	0.0065
WW Verf.*Anb.Orte	136.8	38	1.97	**	1.51	0.0031
Fehler	207.9	114				
Insgesamt	1290.8	173				

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	6.5	---------	6.5	----------	6.2	--------	6.6	-------	6.3	-----
Palmer	6.2	-	6.3	----	5.8	--	6.4	---	6.1	---
P8609	6.3	----	6.2	----	6.0	-----	6.4	---	6.3	-----
Quincey	6.3	-----	6.1	--	6.2	---------	6.4	----	6.2	----
Agro Polis	6.5	---------	6.5	---------	6.2	---------	6.7	--------	6.3	------
Walterinio KWS	6.4	--------	6.2	----	6.2	---------	6.6	-------	6.3	------
Kartagos	6.4	--------	6.5	----------	6.1	-------	6.8	----------	6.2	-----
P8721	6.3	----	6.1	-	6.3	----------	6.4	----	6.1	---
RGT Mexxner	6.3	----	6.3	------	6.1	------	6.5	-----	6.2	----
DFI44769	6.3	----	6.3	------	6.0	-----	6.7	---------	5.9	-
DFI44763	6.3	----	6.4	-------	6.0	-----	6.5	-----	6.0	-
SA2574	6.5	----------	6.5	----------	6.0	----	6.6	-------	6.6	----------
Agro Janus	6.4	--------	6.5	---------	6.2	---------	6.5	------	6.3	-----
KXB5038	6.4	--------	6.5	----------	6.1	------	6.7	---------	6.3	------
KXB5132	6.4	-------	6.5	---------	6.1	-------	6.5	-----	6.2	-----
KXB5141	6.3	----	6.3	------	6.0	-----	6.3	-	6.3	------
Frederico KWS	6.4	--------	6.4	-------	6.1	-------	6.6	--------	6.4	-------
Figaro	6.4	------	6.3	------	5.8	-	6.6	-------	6.3	------
Indexx	6.4	--------	6.4	-------	6.2	--------	6.5	------	6.3	------
LG 30.306	6.2	-	6.3	-----	5.9	---	6.3	-	6.0	-
-Bezugsgrösse(n)	6.4	--------	6.4	-------	6.2	---------	6.6	-------	6.3	------
Versuchs-Mittel	6.4	------	6.4	-------	6.1	------	6.5	------	6.2	-----
VK [%]	2.9		1.8		3.9		2.9		3.4	
KGD (5%)	0.1		0.2		ns		ns		ns	
KGD (1%)	0.2		0.2		ns		ns		ns	
Versuchs-Streuung	0.2		0.1		0.2		0.2		0.2	
FG Fehlerterm	227.0		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	3.3	19	5.28	***	1.63	0.0000
Anbauorte	8.1	5	48.71	***	2.26	0.0000
WW Verf.*Anb.Orte	3.9	95	1.24	ns	1.32	
Fehler	7.6	227				
Insgesamt	23.0	346				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	6.5	-------	6.7	----------
Palmer	6.0	-	6.3	---
P8609	6.4	-----	6.5	------
Quincey	6.4	------	6.4	-----
Agro Polis	6.4	------	6.6	-------
Walterinio KWS	6.5	-------	6.6	-------
Kartagos	6.6	---------	6.4	---
P8721	6.4	------	6.2	-
RGT Mexxner	6.2	---	6.3	---
DFI44769	6.4	-----	6.3	--
DFI44763	6.3	----	6.5	-----
SA2574	6.8	----------	6.6	--------
Agro Janus	6.6	--------	6.4	-----
KXB5038	6.5	------	6.5	-----
KXB5132	6.4	------	6.5	------
KXB5141	6.4	------	6.4	---
Frederico KWS	6.6	--------	6.5	------
Figaro	6.6	---------	6.5	------
Indexx	6.8	----------	6.4	----
LG 30.306	6.4	-----	6.3	--
-Bezugsgrösse(n)	6.5	-------	6.6	-------
Versuchs-Mittel	6.5	------	6.4	-----
VK [%]	2.7		2.1	
KGD (5%)	0.3		0.2	
KGD (1%)	0.4		0.3	
Versuchs-Streuung	0.2		0.1	
FG Fehlerterm	38.0		37.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	6.6	---------	6.7	---------	6.3	--------	6.8	-------	6.4	-----
Palmer	6.3	-	6.4	----	5.9	-	6.5	---	6.2	---
P8609	6.4	----	6.4	----	6.1	-----	6.5	---	6.4	-----
Quincey	6.4	----	6.2	--	6.3	---------	6.6	----	6.3	----
Agro Polis	6.6	---------	6.7	---------	6.4	---------	6.9	--------	6.5	------
Walterinio KWS	6.6	-------	6.3	----	6.4	---------	6.8	-------	6.5	------
Kartagos	6.6	--------	6.7	----------	6.2	-------	7.1	----------	6.3	-----
P8721	6.4	---	6.2	-	6.5	----------	6.6	----	6.2	---
RGT Mexxner	6.4	----	6.5	------	6.2	------	6.7	-----	6.3	----
DFI44769	6.4	----	6.5	------	6.1	-----	6.9	---------	6.0	-
DFI44763	6.4	----	6.5	-------	6.1	-----	6.7	-----	6.0	-
SA2574	6.7	----------	6.8	----------	6.0	----	6.8	-------	6.9	----------
Agro Janus	6.6	--------	6.7	---------	6.3	---------	6.8	------	6.4	-----
KXB5038	6.6	--------	6.7	----------	6.1	------	7.0	---------	6.5	------
KXB5132	6.5	------	6.6	---------	6.2	-------	6.7	-----	6.4	-----
KXB5141	6.4	----	6.5	------	6.1	-----	6.4	-	6.5	------
Frederico KWS	6.6	--------	6.5	-------	6.2	-------	6.9	--------	6.5	-------
Figaro	6.5	------	6.5	------	5.8	-	6.9	-------	6.5	------
Indexx	6.6	--------	6.5	-------	6.3	--------	6.7	------	6.4	-----
LG 30.306	6.3	-	6.4	-----	6.0	---	6.4	-	6.0	-
-Bezugsgrösse(n)	6.6	--------	6.5	------	6.4	---------	6.9	--------	6.5	------
Versuchs-Mittel	6.5	------	6.5	------	6.2	------	6.7	------	6.3	-----
VK [%]	3.7		2.3		4.9		3.7		4.5	
KGD (5%)	0.2		0.2		ns		ns		ns	
KGD (1%)	0.2		0.3		ns		ns		ns	
Versuchs-Streuung	0.2		0.1		0.3		0.2		0.3	
FG Fehlerterm	227.0		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	5.5	19	5.07	***	1.63	0.0000
Anbauorte	13.7	5	48.38	***	2.26	0.0000
WW Verf.*Anb.Orte	6.4	95	1.19	ns	1.32	
Fehler	12.9	227				
Insgesamt	38.5	346				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	6.7	------	7.0	----------
Palmer	6.2	-	6.5	---
P8609	6.6	-----	6.7	------
Quincey	6.6	-----	6.6	----
Agro Polis	6.6	-----	6.8	-------
Walterinio KWS	6.8	-------	6.8	-------
Kartagos	6.9	--------	6.5	---
P8721	6.6	-----	6.4	-
RGT Mexxner	6.4	---	6.5	---
DFI44769	6.6	-----	6.5	--
DFI44763	6.5	-----	6.6	-----
SA2574	7.1	----------	6.8	--------
Agro Janus	6.8	--------	6.6	-----
KXB5038	6.7	------	6.7	------
KXB5132	6.6	-----	6.7	------
KXB5141	6.6	------	6.5	---
Frederico KWS	6.9	--------	6.7	------
Figaro	6.9	--------	6.7	------
Indexx	7.1	----------	6.6	----
LG 30.306	6.5	-----	6.4	--
-Bezugsgrösse(n)	6.7	------	6.8	-------
Versuchs-Mittel	6.7	------	6.6	-----
VK [%]	3.3		2.8	
KGD (5%)	0.4		0.3	
KGD (1%)	0.5		0.4	
Versuchs-Streuung	0.2		0.2	
FG Fehlerterm	38.0		37.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	158.5	-----	153.2	--	167.3	------	149.9	----	163.2	---
Palmer	166.9	-------	158.6	---	180.7	--------	170.2	--------	173.4	-----
P8609	153.5	----	149.8	-	159.8	-----	147.4	----	156.5	--
Quincey	164.4	-------	154.2	--	167.5	------	166.0	-------	169.9	-----
Agro Polis	178.9	----------	175.6	--------	194.1	----------	181.8	----------	184.9	-------
Walterinio KWS	174.9	----------	173.0	-------	169.3	------	164.4	-------	205.0	----------
Kartagos	160.9	------	161.3	----	160.3	-----	169.7	--------	165.3	----
P8721	164.4	-------	157.6	---	172.6	-------	163.2	-------	166.2	----
RGT Mexxner	154.1	----	163.3	-----	154.5	----	151.0	-----	167.2	----
DFI44769	147.3	--	160.9	----	155.9	----	127.4	-	148.1	-
DFI44763	140.9	-	154.0	--	141.8	--	146.6	----	146.8	-
SA2574	160.0	------	151.6	-	136.3	-	141.1	---	184.8	-------
Agro Janus	161.1	------	161.5	----	159.5	-----	157.1	------	170.8	-----
KXB5038	152.8	----	153.4	--	158.8	----	150.2	----	159.1	---
KXB5132	163.8	-------	184.3	----------	164.5	-----	156.0	-----	165.4	----
KXB5141	171.2	---------	182.0	----------	164.3	-----	164.5	-------	194.0	---------
Frederico KWS	152.9	----	155.1	--	139.7	-	144.3	---	167.8	----
Figaro	166.3	-------	174.3	--------	159.0	-----	177.4	---------	193.3	---------
Indexx	175.6	----------	166.5	-----	168.7	------	186.4	----------	190.9	--------
LG 30.306	163.5	-------	180.6	----------	167.6	------	159.6	------	161.4	---
-Bezugsgrösse(n)	176.9	----------	174.3	--------	181.7	--------	173.1	--------	195.0	---------
Versuchs-Mittel	161.6	------	163.5	-----	162.1	-----	158.7	------	171.7	-----
VK [%]	10.6		9.0		12.1		9.4		12.1	
KGD (5%)	11.2		ns		ns		24.8		ns	
KGD (1%)	14.8		ns		ns		33.2		ns	
Versuchs-Streuung	17.1		14.6		19.7		15.0		20.8	
FG Fehlerterm	227.0		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	31676.7	19	5.72	***	1.63	0.0000
Anbauorte	73701.0	5	50.59	***	2.26	0.0000
WW Verf.*Anb.Orte	30659.0	95	1.11	ns	1.32	
Fehler	66142.2	227				
Insgesamt	202178.8	346				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	182.9	------	134.5	-------
Palmer	176.0	-----	142.5	---------
P8609	166.8	----	140.6	---------
Quincey	190.1	-------	138.5	--------
Agro Polis	190.4	-------	146.5	----------
Walterinio KWS	200.6	---------	137.1	--------
Kartagos	181.4	------	127.2	----
P8721	182.5	------	144.4	----------
RGT Mexxner	158.6	---	130.0	-----
DFI44769	176.3	-----	115.1	-
DFI44763	140.5	-	115.7	-
SA2574	215.7	----------	130.6	------
Agro Janus	176.5	-----	141.4	---------
KXB5038	171.9	-----	123.2	---
KXB5132	176.8	-----	135.7	-------
KXB5141	184.5	------	137.8	--------
Frederico KWS	171.7	-----	138.5	--------
Figaro	169.9	-----	123.9	---
Indexx	198.7	--------	142.3	---------
LG 30.306	184.6	------	127.3	----
-Bezugsgrösse(n)	195.5	--------	141.8	---------
Versuchs-Mittel	179.8	------	133.6	------
VK [%]	9.4		10.7	
KGD (5%)	27.9		ns	
KGD (1%)	37.4		ns	
Versuchs-Streuung	16.9		14.3	
FG Fehlerterm	38.0		37.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 vouvry		8046 Reckenholz ZH		8193 Eglisau ZH	
NK Silotop	82.6	-----	84.3	----	88.7	-------	76.9	---	80.6	---
Palmer	86.9	-------	87.9	-----	100.3	----------	83.9	------	89.2	-------
P8609	79.8	----	82.1	---	85.2	-------	73.1	--	78.6	---
Quincey	84.0	------	84.1	----	85.5	-------	84.3	------	80.9	---
Agro Polis	93.5	----------	97.8	---------	102.6	----------	97.7	----------	90.1	-------
Walterinio KWS	87.7	--------	90.7	------	87.7	-------	79.3	----	100.0	----------
Kartagos	82.8	-----	90.3	------	77.9	-----	85.3	------	78.9	---
P8721	86.4	-------	85.8	----	92.4	--------	82.6	-----	84.7	-----
RGT Mexxner	73.0	-	80.6	--	67.7	---	72.9	--	77.1	--
DFI44769	79.6	----	89.2	------	81.4	------	76.0	---	74.7	-
DFI44763	73.5	-	83.6	---	73.6	----	73.6	--	73.3	-
SA2574	77.3	---	76.5	-	57.9	-	69.9	-	88.0	------
Agro Janus	81.7	-----	85.2	----	76.9	-----	78.4	----	85.8	-----
KXB5038	79.3	----	88.6	-----	76.2	-----	81.2	-----	77.8	--
KXB5132	83.0	-----	102.3	----------	80.6	------	76.4	---	77.6	--
KXB5141	83.3	------	95.1	--------	79.7	-----	77.0	---	86.8	------
Frederico KWS	78.3	---	82.0	---	63.0	--	76.4	---	86.1	-----
Figaro	81.1	-----	90.0	------	70.1	---	85.3	------	90.9	-------
Indexx	92.8	----------	89.2	------	90.9	--------	96.0	----------	94.9	---------
LG 30.306	85.1	------	98.9	---------	85.6	-------	80.7	----	85.2	-----
-Bezugsgrösse(n)	90.6	---------	94.3	-------	95.2	---------	88.5	-------	95.1	---------
Versuchs-Mittel	82.6	-----	88.2	-----	81.2	------	80.3	----	84.1	-----
VK [%]	13.1		8.3		16.5		11.4		16.3	
KGD (5%)	7.1		12.0		22.2		ns		ns	
KGD (1%)	9.3		ns		ns		ns		ns	
Versuchs-Streuung	10.8		7.3		13.4		9.2		13.7	
FG Fehlerterm	227.0		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	9804.0	19	4.44	***	1.63	0.0000
Anbauorte	11601.5	5	19.97	***	2.26	0.0000
WW Verf.*Anb.Orte	11590.0	95	1.05	ns	1.32	
Fehler	26376.2	227				
Insgesamt	59371.7	346				

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

Verfahren	8566 Ellighausen TG		9452 Hinterforst SG	
NK Silotop	90.8	-------	74.2	-------
Palmer	87.3	------	73.0	------
P8609	84.2	-----	75.8	--------
Quincey	95.2	--------	73.8	-------
Agro Polis	96.0	--------	76.9	--------
Walterinio KWS	98.3	---------	69.9	----
Kartagos	94.7	--------	69.8	----
P8721	94.8	--------	78.3	---------
RGT Mexxner	70.6	-	68.8	----
DFI44769	92.7	-------	63.8	-
DFI44763	69.3	-	67.3	---
SA2574	102.0	----------	69.5	----
Agro Janus	87.2	------	76.8	--------
KXB5038	85.3	-----	66.8	--
KXB5132	86.3	-----	74.6	-------
KXB5141	87.6	------	73.6	------
Frederico KWS	84.7	-----	77.4	---------
Figaro	83.4	-----	67.1	---
Indexx	105.2	----------	80.7	----------
LG 30.306	92.4	-------	67.6	---
-Bezugsgrösse(n)	97.2	--------	73.4	------
Versuchs-Mittel	89.4	------	72.3	------
VK [%]	12.5		11.3	
KGD (5%)	18.5		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	11.2		8.1	
FG Fehlerterm	38.0		37.0	
Anz. Beob.	3.0		3.0	

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