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Résultats des essais variétaux de maïs ensilage 2020

Resultate der Hauptversuche Silomais 2020

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Legende / *Légende*

KM01	Körnermais früh / maïs grain précoce	**SM01**	Silomais früh / maïs ensilage précoce	**STD / T / FS**	Standardsorte (STD) weitere Sorte aus Sortenliste (T) oder Füllsorte (FS) / variété de référence (STD) autre variété de la liste recommandée (T=témoin) ou pour compléter l'essai (FS)
KM11	Körnermais mittelfrüh / maïs grain mi-précoce	**SM11**	Silomais mittelfrüh / maïs ensilage mi-précoce	**e1 / e2 / e3**	Neue Sorte 1., 2. bzw. 3. Prüfjahr Liste empfohlener Sorten / nouvelle variété 1ière, 2ième ou 3ième 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. / 3.**	Neue Sorte 1., 2. bzw. 3. Prüfjahr Nationaler Sortenkatalog / nouvelle variété 1ière, 2ième ou 3ième année pour catalogue national
KM42	Körnermais mittelspät – spät Tessin / maïs grain mi-tardif – tardif Tessin	**SM42**	Silomais mittelspät – spät Tessin / maïs ensilage mi-tardif – tardif Tessin		

Danksagung

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1 Merkmale / *Critères*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

* Les teneurs de la qualité sont exprimées dans des échantillons séchés (60°C pendant 72 h). L'humidité relative moyenne des échantillons est de 7.5%.
* Die Angaben zur Qualität sind pro kg getrocknetem Probenmaterial (60°C während 72 h). Die durchschnittliche Feuchtigkeit der Proben beträgt 7.5%.

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) 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 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 / *Informations des lieux*

			2020	
PLZ / N°p.	**Ort / Lieu**	**m.ü.M. / altitude**	**Saattermin / date de semis**	**Erntetermin / date de récolte**
1260	**Nyon**	**430**	**24.04.20**	**27.08.20**
1725	**Grangeneuve**	**650**	**22.05.20**	**09.10.20**
3065	**Habstetten**	**690**	**19.05.20**	**23.09.20**
5643	**Alikon**	**490**	**27.04.20**	**17.09.20**
8046	**Reckenholz**	**440**	**25.04.20**	**04.09.20**
8193	**Eglisau**	**390**	**22.05.20**	**18.09.20**
8566	**Ellighausen**	**503**	**08.05.20**	**23.09.20 ***

* Ertragsdaten nicht für Auswertung berücksichtigt / informations liée avec le rendement pas prisent en compte pour les misent en valeur.

3.1.2 Sorten und Status / *Variétés et statut*

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
LG 31211	LZM163/74	SC	Limagrain Europe	Fenaco, Moudon	KM01/S	SM01/S
Spyci CS	CSM2152	SC	Caussade Semence	Schweizer, Thun		SM01/S
Karibous	KXB4302	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/S
Amanova	KXB5127	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/S
LG 31205	LZM166/71	SC	Limagrain Europe	Fenaco, Moudon		SM01/S
LG 31219	LZM 166/73	SC	Limagrain Europe	Fenaco, Moudon		SM01/S
KWS Damario	KXB7307	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/S
ES Piccard	ESZ6108	TC	Euralis Saaten GmbH	Fenaco, Moudon / Hauenstein, Rafz		SM01/e2
Davos	AIC14B001	SC	Deutsche Saatveredelung AG			SM01/e2
KWS Odorico	KXB7303	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e2
DKC 3218	ET3286	SC	Monsanto, USA	Monsanto, Morges		SM01/e1
	KXB9315	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e1
	SB0069	SC	Syngenta, CH	Syngenta, Dielsdorf		SM01/e1
	X80P548	SC	Pioneer	Pioneer, Versoix		SM01/e1
	LZM168/47	TC	Limagrain Europe	Fenaco, Moudon		SM01/e1
Emeleen	LZM168/49	TC	Limagrain Europe	Fenaco, Moudon		SM01/e1
ES Yakari	ESZ7105	SC	Euralis Saaten GmbH	Fenaco, Moudon / Hauenstein, Rafz	KM01/e1	SM01/e1
LG 30222	LZM 158/51	SC	Limagrain / F	Fenaco, Moudon	KM01/T	SM01/T
SY Amboss	SA1051	SC	Syngenta	Syngenta, Dielsdorf		SM01/T
DKC 2978	EQ3048	SC	Monsanto, USA	Monsanto, Morges		SM01/T
Kaprilias	KXB5305	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/T
LG 31207	LZM 167/39	SC	Limagrain Europe	Fenaco, Moudon		SM01/T
KWS Papageno	KXB7313	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/T
Hulk			agaSaat GmbH & Co	Schweizer, Thun		FS
Amaroc	KXB4136	TC	KWS, Einbeck	KWS Suisse SA, Basel		FS

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.)	Grangeneuve (630 m ü.M.)	Habstetten (690 m ü.M.)	Alikon (494 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (503 m ü.M.)
Bodenart / type de sol / soil type:	Limono sableux	Moyen	Sandiger Lehm, pH 6.2	Schwach humoser Schlufflehm	Braunerde	Humos eher leicht	Braunerde
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):	16.07. irrigation: 35 mm; 28.07. irrigation: 30 mm; 347 mm 1599.7 °C	317.6 mm 1521.3 °C (selon AgroMeteo, station Düdingen)	559.9 mm 1441.9 °C (Station: Zäziwil)	619.7 mm 1679.9 °C (Station: Hohenrain)	431.3 mm 1501.8 °C	374.2 mm 1492.1°C (AgroMeteo, Station Steinmaur)	358 mm 1568.8 °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 1.4m Weg (22.4m2 brutto), 10m2 netto	4reihig, mit 1.4m Weg (22.4m2 brutto), 10 m2 netto	4reihig, mit 1.4m Weg (22.4m2 brutto), 10 m2 netto	15 m2 pro Parzelle brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto
Vorfrucht / précédent cultural / previous crop:	Blé d'hiver / winter wheat / Winterweizen	Prairie / Kunstwiese / temporary grassland	Mais / maïs / maize	Raps / Gründüngung (UFA Lepha) / Untersaat (UFA Maislegu 13kg/ha Saat im Juni)	Kunstwiese / prairie temporaire / temporary grassland	Zuckerrüben	Sonnenblumen
Bodenbearbeitung / travail du sol / soil cultivation:	Labour: 23.03.; herse à disques ,cultivateur et herse rotative: 23.04.	Pflug (04.05.20) und Kreiselegge (08.05.2020) / charrue et herse rotative / plough and rotary harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Streifenfrässaat	Pflug (24.01.20), Kulturegge (24.03.20), Kreiselegge (15.+22.04.20)	2x Grubber / Kreiselegge	Herbstfurche und Kreiselegge
Saat / date de semis / sowing date:	24.04.2020	22.05.2020	19.05.2020	27.04.2020	25.04.2020	22.05.2020	08.05.2020
Ernte / date de récolte / harvest date:	27.08.2020	09.10.2020	23.09.2020	17.09.2020	04.09.2020	18.09.2020	23.09.2020
Saatdichte / densité de semis / sowing density:	10.5 Körner / grains pro m2	10.5 Körner / grains pro m2	10.5 Körner / grains pro m2	10.5 Körner / grains pro m2	11.5 Körner / grains pro m2	11.5 Körner / grains pro m2	11.5 Körner / grains pro m2
Vegetationsdauer / durée de vegetation / growing period	125 Tage / jours / days	140 Tage / jours / days	127 Tage / jours / days	143 Tage / jours / days	132 Tage / jours / days	119 Tage / jours / days	138 Tage / jours / days
Reihenabstand / interlignes / row distance:	75 cm	75 cm	75 cm	75 cm	75 cm	75 cm	75 cm

Standort / lieu / site:	Nyon (430 m ü.M.)	Grangeneuve (630 m ü.M.)	Habstetten (711 m ü.M.)	Alikon (494 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (503 m ü.M.)
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-	-	-	12.06.2020 hacken zwischen den Reihen gekoppelt mit Düngung	-	-
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Gardo Gold 4 l/ ha, Banvel4S 0,5 l/ ha, Elumis 1,3 l/ ha (28.05.)	18.6.20: 1.5 l/ha Equip Power	03.06.2020: Calaris 1.5 l/ha, Dual Gold 1.2 l/ha	Vor der Saat: Gründüngung gemulcht im im Herbst + Glyphosat 2.0l/ha im Frühling / In der Kultur: > 08.05. 1.5l/ha Equip Power + 1.4l/ha Spectrum	28.05.2020: Aspect 1.5l/ha, Laudis 2l/ha, Banvel 4S 0.5l/ha	Spectrum Gold 3 Liter ha + Laudis 1.5 Liter ha	27.5. Aspekt/Laudis/Banvel 4s
Grunddüngung / fumure de base / basic fertilisation:	Landor 0.20.30: 490 kg ha = 98 kg P2O5/ha, 147 kg K20/ha (18.03.)	Lisier: 38m3/ha: teneurs moyennes Ntot 1.95 kg/m3, P2O5 1.25 kg/m3 (30.04.2020)	21.04.20: Kali 60 %: 200 kg/ha; Granuphos 17 %: 310 kg /ha = 53 kg P/ha, 120 kg K/ha	25m3 Schweinegülle auf Gründüngung im Herbst + 20m3 am 02.04.20 26.04.20: (Beim Fräsen) 150kg/ha Ammonsalpeter = 41 kg N/ha	15.11.2019 Kompost 100t	PK 20.30 400 kg/ha (80kg P2O5/ha, 120 kg K2O/ha) vor 2.x Grubbern	15 t Stapelmist (67.5 kg N/ha), Triple super 60 kg P/ha
N-Düngung / fumure N / N fertilisation:	Nitrate ammoniaque (8.05.): 185 kg N/ha = 51 kg N/ha; urée perlée 46% (03.06.): 130 kg N/ha = 60 kg N/ha	07.05.20: Nitrate 24 %: 103 kg /ha = 25 kg N/ha; 16.06.20: urée 46 %: 197 kg N/ha = 91 kg N/ha	22.05.20: 40.kg N/ha (ammonitrate); 16.06.20: 82 kg N/ha (Harnstoff)	11.05.20: 150kg 46%N Harnstoff = 69kg N/ha / 4.05.20: 28m3 Schweinegülle	Harnstoff 50 kg N/ha (22.04.2020), Harnstoff 55 kg N/ha (22.05.2020)	Harnstoff (46%) 150 kg N/ha vor Eggen	26.5.20: Ammonsalpeter 38 kg N/ha 13.6.20: Harnstoff 85 kg N/ha
N-Mineralisierung zu Vegetationsbeginn / minéralisation azote au début de la saison / N mineralisation at the beginning of the vegetation period:	-	-	-	-	144 kg N/ha (22.05.2020)	-	-
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler

Sorte	Status	VOS	Ertrag	Reife	Jugend-entwicklung	Wurzellag. Veget.	Wurzellag. Ernte	Stängelbr. Ernte	Beulen-brand	Oekon. Index	Agron. Index	Gesamt-index
LG 31207	T	1.61	5.76	1.20	0.07		0.92		-0.09	7.37	2.10	9.46
KWS Odorico	e2	7.54	3.40	-2.68	0.37		-1.80		-0.12	10.94	-4.23	6.71
LZM168/47	e1	1.18	4.80	-0.76	0.02		0.91		0.04	5.99	0.22	6.20
Emeleen	e1	-0.62	2.97	0.82	0.19		0.59		-0.06	2.35	1.54	3.89
Amaroc	FS	-2.39	6.28	-1.11	-0.26		-0.06		-0.10	3.89	-1.53	2.36
Amanova	S	1.45	0.75	0.42	-0.16		-0.77		-0.05	2.21	-0.56	1.64
KWS Papageno	T	3.81	0.96	0.54	-0.01		-3.68		-0.27	4.76	-3.42	1.34
DKC 3218	e1	-3.70	4.44	0.02	0.23		-0.08		-0.05	0.74	0.12	0.86
KXB9315	e1	-3.93	6.08	-2.73	-0.11		-0.73		0.09	2.15	-3.49	-1.33
LG 31211	S	-1.45	-0.75	-0.42	0.16		0.77		0.05	-2.21	0.56	-1.65
LG 31205	S	-0.90	-1.64	-0.04	-0.20		-0.12		-0.24	-2.53	-0.60	-3.13
Kaprilias	T	-0.19	-0.65	-1.09	-0.26		-0.66		-0.29	-0.84	-2.30	-3.14
KWS Damario	S	-0.09	1.29	-1.49	-0.24		-4.02		-0.19	1.20	-5.94	-4.74
Davos	e2	-2.90	1.99	-1.93	-0.12		-1.65		-0.65	-0.90	-4.35	-5.25
Spyci CS	S	-2.57	-3.96	-1.01	0.02		2.01		0.06	-6.54	1.09	-5.45
Karibous	S	-0.21	-3.58	-1.04	-0.19		-0.29		-0.16	-3.78	-1.67	-5.45
ES Yakari	e1	0.08	0.42	-6.18	-0.22		0.52		-0.38	0.51	-6.26	-5.76
LG 31219	S	0.36	-6.26	-1.60	-0.51		2.16		-0.09	-5.89	-0.05	-5.94
SB0069	e1	-10.09	3.18	-0.18	0.21		0.61		-0.65	-6.91	-0.01	-6.93
LG 30222	T	-3.66	-3.24	-1.43	-0.04		1.04		0.05	-6.90	-0.38	-7.28
ES Piccard	e2	-8.79	2.67	-1.82	0.21		0.60		-0.16	-6.12	-1.17	-7.29
Hulk	FS	-1.61	1.63	-6.94	-0.14		-1.14		-0.13	0.01	-8.35	-8.33
X80P548	e1	4.93	-10.78	-4.39	-0.98		1.80		-0.23	-5.85	-3.81	-9.65
DKC 2978	T	-2.45	-9.59	0.26	-0.31		1.33		0.00	-12.04	1.27	-10.77
SY Amboss	T	-9.16	-1.04	-0.80	-0.10		-3.73		-0.34	-10.20	-4.97	-15.17
Bezugsgrössen		0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00
Anz. Beob.		21	18	18	21		9		21			
Anz. Orte		7	6	6	7		3		7			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.1.5 Zusammenfassung / *Résumé*

Sorten Bezeichnung	Jugendentwicklg. Note	Saatweibl. Blüte Tage	Saatmännl. Blüte Tage	Pflanzenhöhe cm	Kolbenansatzhöhe cm	relat. Kolbenhöhe %	Wurzellager Ernte %	Beulenbrand %	Maiszünsler %
LG 31211	3.8	75.3	75.2	261.3	106.0	40.6	6.6	0.7	0.4
Spyci CS	4.0	75.4	75.4	250.0	110.2	44.3	2.8	0.6	0.6
Karibous	4.5	75.7	76.1	254.1	118.7	46.6	9.9	1.5	1.1
Amanova	4.4	75.9	76.1	266.2	118.5	44.6	11.4	1.1	0.8
LG 31205	4.5	75.6	75.4	273.0	117.9	43.0	9.4	1.9	0.4
LG 31219	5.1	76.4	76.0	264.2	123.0	46.7	2.3	1.3	0.2
KWS Damario	4.6	76.0	77.5	259.5	129.8	50.0	21.5	1.7	0.2
ES Piccard	3.7	75.4	76.0	283.2	120.4	42.3	7.1	1.5	0.9
Davos	4.3	76.9	76.5	262.1	119.1	45.3	14.1	3.5	0.1
KWS Odorico	3.3	76.6	76.2	265.7	118.7	44.7	14.6	1.4	1.6
DKC 3218	3.6	76.4	77.3	254.8	115.8	45.3	9.3	1.1	0.5
KXB9315	4.3	78.5	79.2	268.5	136.6	51.0	11.3	0.5	0.6
SB0069	3.7	76.1	76.0	256.9	121.4	47.0	7.1	3.5	0.4
X80P548	6.0	79.0	79.8	260.4	122.0	46.7	3.4	1.8	0.2
LZM168/47	4.0	76.6	77.0	269.9	125.2	46.6	6.2	0.7	0.5
Emeleen	3.7	75.6	75.7	272.8	118.8	43.4	7.2	1.1	0.3
ES Yakari	4.5	77.2	77.8	268.8	130.5	48.5	7.4	2.4	0.5
LG 30222	4.2	76.3	76.4	244.1	102.5	41.8	5.8	0.7	0.2
SY Amboss	4.3	77.8	78.1	267.9	129.2	48.1	20.6	2.3	0.1
DKC 2978	4.7	76.4	76.5	253.1	107.3	42.4	4.9	0.9	1.0
Kaprilias	4.6	76.3	77.0	254.2	115.2	45.0	11.1	2.0	0.4
LG 31207	3.9	75.8	76.1	278.7	124.3	44.4	6.2	1.3	0.5
KWS Papageno	4.1	75.6	76.1	256.7	124.1	48.2	20.5	2.0	0.5
Hulk	4.4	78.9	79.7	272.3	135.1	49.6	12.6	1.4	0.6
Amaroc	4.6	78.4	79.0	267.3	130.3	48.6	9.2	1.3	1.1
Bezugsgrösse(n)	4.1	75.6	75.7	263.7	112.3	42.6	9.0	0.9	0.6
Versuchs-Mittel	4.3	76.6	76.9	263.4	120.8	45.8	9.7	1.5	0.6
VK [%]	16.2	0.9	0.9	4.1	7.9	8.5	68.0	113.4	159.9
KGD (5%)	0.4	0.5	0.5	7.8	6.9	2.8	6.1	1.1	
KGD (1%)	0.6	0.6	0.6	10.2	9.1	3.7	8.1	1.4	
Versuchs-Streuung	0.7	0.7	0.7	10.8	9.6	3.9	6.6	1.7	0.9
FG Fehlerterm	264.0	192.0	192.0	216.0	192.0	216.0	143.0	264.0	144.0
Anz. Beob.	21.0	15.0	15.0	15.0	15.0	15.0	9.0	21.0	9.0
Anz. Orte	7.0	5.0	5.0	5.0	5.0	5.0	3.0	7.0	3.0
Minimum	3.3	75.3	75.2	244.1	102.5	40.6	2.3	0.5	0.1
Maximum	6.0	79.0	79.8	283.2	136.6	51.0	21.5	3.5	1.6

Sorten Bezeich-nung	Effekt. Best. dichte Pfl./m2	Ertrag g.Pfl. frisch dt/ha	TS-Ertrag g.Pfl. dt/ha	TS-Gehalt g.Pfl. %	VOS-Ertrag dt/ha	Stärke-Ertrag dt/ha	VOS Gehalt NIR g/kg	Stärke Gehalt NIR g/kg
LG 31211	10.0	599.4	212.3	35.8	151.9	80.3	717.2	377.9
Spyci CS	9.6	575.3	204.8	35.3	145.6	79.5	714.4	383.5
Karibous	10.2	589.3	205.7	35.3	149.3	82.8	720.3	396.7
Amanova	10.3	597.3	215.9	36.6	157.1	84.7	724.5	391.8
LG 31205	10.1	586.2	210.3	36.2	152.3	83.9	718.6	395.7
LG 31219	9.5	591.8	199.5	34.7	145.3	79.5	721.7	393.2
KWS Damario	10.1	624.4	217.1	34.8	156.7	84.0	720.6	384.7
ES Piccard	9.0	650.7	220.3	34.5	153.9	78.1	698.9	353.6
Davos	10.2	637.7	218.7	34.4	156.3	84.6	713.6	383.9
KWS Odorico	10.2	662.3	222.0	33.7	164.9	90.3	739.7	405.3
DKC 3218	10.0	631.7	224.4	36.2	160.2	82.9	711.6	367.9
KXB9315	9.8	693.8	228.3	33.7	163.1	81.1	711.0	353.6
SB0069	10.0	618.5	221.5	36.1	156.3	79.1	695.6	344.0
X80P548	9.5	611.6	188.9	32.1	139.9	75.6	733.2	397.2
LZM168/47	10.2	643.9	225.3	35.5	164.7	87.9	723.8	386.7
Emeleen	10.3	605.7	221.0	37.0	160.3	85.3	719.3	381.7
ES Yakari	10.0	714.2	215.1	30.5	154.5	79.8	721.0	370.2
LG 30222	9.6	594.4	206.5	34.9	147.9	78.4	711.7	377.1
SY Amboss	10.1	597.8	211.7	35.5	148.3	75.9	697.9	357.6
DKC 2978	9.8	536.1	191.7	36.5	137.7	73.2	714.7	382.4
Kaprilias	9.9	606.1	212.6	35.2	152.1	79.7	720.4	379.7
LG 31207	10.2	618.5	227.5	37.3	166.8	89.5	724.9	387.3
KWS Papageno	10.2	594.1	216.3	36.7	159.3	86.1	730.4	394.4
Hulk	9.0	735.4	217.9	29.7	155.5	77.3	716.8	358.6
Amaroc	10.3	648.2	228.7	35.2	163.7	85.9	714.9	375.9
Bezugsgrösse(n)	10.1	598.4	214.1	36.2	154.5	82.5	720.8	384.8
Versuchs-Mittel	9.9	622.6	214.6	34.9	154.5	81.8	717.5	379.2
VK [%]	5.3	5.6	6.7	3.5	6.8	9.1	2.3	5.4
KGD (5%)	0.3	21.1	9.4	0.8	6.9	4.9	10.0	12.4
KGD (1%)	0.4	27.9	12.4	1.1	9.1	6.4	13.2	16.4
Versuchs-Streuung	0.5	34.8	14.4	1.2	10.5	7.4	16.4	20.5
FG Fehlerterm	264.0	240.0	240.0	216.0	216.0	216.0	264.0	312.0
Anz. Beob.	21.0	21.0	18.0	18.0	18.0	18.0	21.0	21.0
Anz. Orte	7.0	7.0	6.0	6.0	6.0	6.0	7.0	7.0
Minimum	9.0	536.1	188.9	29.7	137.7	73.2	695.6	344.0
Maximum	10.3	735.4	228.7	37.3	166.8	90.3	739.7	405.3

Sorten Bezeich-nung	Rohfaser Gehalt NIR g/kg	NDF Gehalt NIR g/kg	Rohprotein Gehalt NIR g/kg	NEL Gehalt MJ/kg	NEV Gehalt MJ/kg
LG 31211	149.2	339.2	63.5	6.5	6.8
Spyci CS	145.6	330.9	64.6	6.5	6.7
Karibous	140.7	319.2	65.8	6.6	6.8
Amanova	139.6	321.2	62.2	6.6	6.9
LG 31205	142.1	323.3	64.6	6.6	6.8
LG 31219	143.5	325.1	65.3	6.6	6.8
KWS Damario	144.6	327.0	64.5	6.6	6.8
ES Piccard	159.9	357.5	68.9	6.3	6.5
Davos	148.5	331.5	66.1	6.5	6.7
KWS Odorico	141.3	316.9	68.4	6.8	7.1
DKC 3218	150.9	341.4	63.8	6.5	6.7
KXB9315	156.4	347.5	64.0	6.5	6.7
SB0069	155.2	355.3	62.9	6.3	6.4
X80P548	151.4	332.9	65.2	6.7	7.0
LZM168/47	145.1	329.5	61.4	6.6	6.9
Emeleen	146.3	334.5	65.4	6.6	6.8
ES Yakari	151.3	339.1	68.3	6.6	6.8
LG 30222	148.3	341.9	67.6	6.5	6.7
SY Amboss	155.1	359.0	66.1	6.3	6.5
DKC 2978	148.8	337.7	64.0	6.5	6.7
Kaprilias	146.8	334.6	66.6	6.6	6.8
LG 31207	145.0	332.4	65.7	6.6	6.9
KWS Papageno	138.0	317.8	66.2	6.7	6.9
Hulk	153.1	337.5	70.5	6.5	6.8
Amaroc	152.3	343.6	63.7	6.5	6.7
Bezugsgrösse(n)	144.4	330.2	62.8	6.6	6.8
Versuchs-Mittel	148.0	335.1	65.4	6.5	6.8
VK [%]	6.0	5.2	4.3	2.9	3.6
KGD (5%)	5.4	10.5	1.7	0.1	0.1
KGD (1%)	7.1	13.8	2.2	0.2	0.2
Versuchs-Streuung	8.9	17.3	2.8	0.2	0.2
FG Fehlerterm	312.0	312.0	264.0	264.0	264.0
Anz. Beob.	21.0	21.0	21.0	21.0	21.0
Anz. Orte	7.0	7.0	7.0	7.0	7.0
Minimum	138.0	316.9	61.4	6.3	6.4
Maximum	159.9	359.0	70.5	6.8	7.1

3.1.6 Details / *Détails*

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	3.8	--	4.3	---	4.3	--	4.3	----	3.7	----
Spyci CS	4.0	---	5.0	------	4.7	----	4.7	------	3.7	----
Karibous	4.5	-----	5.0	------	5.3	-------	5.0	-------	3.7	----
Amanova	4.4	-----	5.0	------	5.3	-------	4.0	---	4.0	-----
LG 31205	4.5	-----	6.0	----------	4.3	--	5.0	-------	3.7	----
LG 31219	5.1	-------	5.3	--------	6.0	----------	5.3	--------	4.0	-----
KWS Damario	4.6	-----	4.7	-----	5.3	-------	4.7	------	4.3	------
ES Piccard	3.7	--	4.7	-----	4.3	--	3.7	--	3.7	----
Davos	4.3	----	5.0	------	4.7	----	4.0	---	3.0	--
KWS Odorico	3.3	-	3.7	-	4.0	-	3.3	-	3.0	--
DKC 3218	3.6	--	4.7	-----	4.7	----	4.3	----	2.3	-
KXB9315	4.3	----	5.3	--------	4.3	--	5.0	-------	3.3	---
SB0069	3.7	--	4.0	--	4.3	--	4.0	---	3.0	--
X80P548	6.0	----------	6.0	----------	6.0	----------	6.0	----------	6.3	----------
LZM168/47	4.0	---	4.0	--	4.3	--	4.3	----	4.3	------
Emeleen	3.7	--	4.0	--	4.3	--	4.3	----	3.0	--
ES Yakari	4.5	-----	5.0	------	5.0	------	4.7	------	4.7	------
LG 30222	4.2	----	5.0	------	4.7	----	4.3	----	4.7	------
SY Amboss	4.3	----	4.7	-----	5.0	------	4.7	------	4.0	-----
DKC 2978	4.7	------	5.7	---------	5.3	-------	4.7	------	4.0	-----
Kaprilias	4.6	-----	5.3	--------	5.0	------	4.7	------	4.0	-----
LG 31207	3.9	---	5.0	------	4.3	--	4.3	----	3.0	--
KWS Papageno	4.1	---	4.7	-----	4.3	--	4.0	---	3.3	---
Hulk	4.4	----	5.3	--------	4.3	--	4.7	------	4.0	-----
Amaroc	4.6	-----	4.7	-----	5.7	---------	5.0	-------	4.0	-----
-Bezugsgrösse(n)	4.1	---	4.7	-----	4.8	-----	4.2	----	3.8	----
Versuchs-Mittel	4.3	----	4.9	------	4.8	-----	4.5	-----	3.8	----
VK [%]	16.2		9.6		9.9		10.7		34.2	
KGD (5%)	0.4		0.8		0.8		0.8		ns	
KGD (1%)	0.6		1.0		1.0		1.1		ns	
Versuchs-Streuung	0.7		0.5		0.5		0.5		1.3	
FG Fehlerterm	264.0		48.0		48.0		48.0		48.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	154.6	24	13.36	***	1.56	0.0000
Anbauorte	90.2	6	31.17	***	2.14	0.0000
WW Verf.*Anb.Orte	89.1	144	1.28	ns	1.27	
Fehler	127.3	264				
Insgesamt	461.2	438				

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	3.1	-	3.4	---	3.2	--
Spyci CS	3.8	----	3.5	---	3.0	-
Karibous	4.2	------	5.0	-------	3.0	-
Amanova	4.0	-----	4.7	------	3.8	---
LG 31205	4.3	-------	3.9	----	4.2	-----
LG 31219	4.8	----------	5.5	--------	4.7	------
KWS Damario	4.0	-----	4.8	-------	4.2	----
ES Piccard	3.2	-	2.5	-	3.7	---
Davos	4.4	-------	3.9	----	5.4	--------
KWS Odorico	3.2	-	3.5	---	2.7	-
DKC 3218	3.3	--	3.0	--	3.1	--
KXB9315	3.9	-----	4.6	------	3.7	---
SB0069	3.8	----	3.2	--	3.4	--
X80P548	5.1	----------	6.4	----------	6.6	----------
LZM168/47	4.3	-------	3.6	---	3.4	--
Emeleen	3.6	---	3.5	---	3.2	--
ES Yakari	4.2	------	4.7	------	3.5	---
LG 30222	3.5	---	3.5	---	3.5	---
SY Amboss	3.7	----	3.8	----	4.2	----
DKC 2978	4.7	---------	3.7	----	4.9	------
Kaprilias	4.7	---------	4.7	------	3.8	---
LG 31207	3.5	---	3.5	---	3.9	----
KWS Papageno	4.3	-------	4.6	------	3.6	---
Hulk	4.4	-------	3.4	---	4.5	-----
Amaroc	4.3	-------	5.0	-------	3.7	---
-Bezugsgrösse(n)	3.5	---	4.1	-----	3.5	---
Versuchs-Mittel	4.0	-----	4.1	-----	3.9	----
VK [%]	6.7		14.3		11.1	
KGD (5%)	0.5		1.0		0.7	
KGD (1%)	0.6		1.3		1.0	
Versuchs-Streuung	0.3		0.6		0.4	
FG Fehlerterm	24.0		24.0		24.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 31211	75.3	-	79.3	-	69.0	-	73.3	--	78.7	-
Spyci CS	75.4	-	79.3	-	68.7	-	72.7	-	79.4	---
Karibous	75.7	--	79.0	-	70.7	----	73.0	--	79.1	--
Amanova	75.9	--	80.0	---	69.7	--	73.3	--	79.5	---
LG 31205	75.6	-	79.7	--	69.7	--	73.0	--	79.8	----
LG 31219	76.4	----	79.7	--	70.7	----	74.0	----	79.8	----
KWS Damario	76.0	---	79.3	-	71.0	----	73.3	--	79.6	---
ES Piccard	75.4	-	79.0	-	69.7	--	73.0	--	78.6	-
Davos	76.9	-----	80.3	----	72.0	------	73.7	---	80.1	-----
KWS Odorico	76.6	----	81.0	-----	71.0	----	74.0	----	79.9	----
DKC 3218	76.4	----	80.0	---	71.0	----	73.7	---	80.0	----
KXB9315	78.5	---------	82.3	--------	73.0	-------	75.0	-------	82.4	----------
SB0069	76.1	---	79.3	-	70.3	---	74.0	----	80.0	----
X80P548	79.0	----------	82.0	--------	75.3	----------	76.0	----------	80.8	------
LZM168/47	76.6	----	79.3	-	71.0	----	73.3	--	81.4	--------
Emeleen	75.6	-	79.7	--	69.7	--	73.0	--	79.0	--
ES Yakari	77.2	------	81.3	------	71.3	-----	74.0	----	80.3	-----
LG 30222	76.3	---	80.0	---	71.0	----	73.3	--	80.2	-----
SY Amboss	77.8	-------	81.0	-----	72.7	-------	75.0	-------	81.8	---------
DKC 2978	76.4	----	81.0	-----	70.3	---	74.0	----	79.8	----
Kaprilias	76.3	---	80.3	----	71.0	----	73.3	--	80.2	-----
LG 31207	75.8	--	80.0	---	69.3	--	72.7	-	79.4	---
KWS Papageno	75.6	-	79.7	--	69.7	--	73.0	--	79.2	--
Hulk	78.9	----------	83.3	----------	72.0	------	76.3	----------	82.3	----------
Amaroc	78.4	---------	80.3	----	74.3	---------	75.3	--------	81.8	---------
-Bezugsgrösse(n)	75.6	-	79.7	--	69.3	--	73.3	--	79.1	--
Versuchs-Mittel	76.6	----	80.3	---	71.0	----	73.8	----	80.1	-----
VK [%]	0.9		0.9		1.1		0.9		0.7	
KGD (5%)	0.5		1.2		1.2		1.1		0.9	
KGD (1%)	0.6		1.5		1.7		1.5		1.2	
Versuchs-Streuung	0.7		0.7		0.8		0.7		0.5	
FG Fehlerterm	192.0		48.0		48.0		48.0		24.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	446.3	24	40.89	***	1.57	0.0000
Anbauorte	4994.5	4	2745.84	***	2.42	0.0000
WW Verf.*Anb.Orte	109.6	96	2.51	***	1.33	0.0002
Fehler	87.3	192				
Insgesamt	5637.7	316				

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

Verfahren	8566 Ellighausen TG	
LG 31211	76.3	-
Spyci CS	77.0	---
Karibous	76.9	--
Amanova	76.8	--
LG 31205	76.1	-
LG 31219	78.0	-----
KWS Damario	76.9	--
ES Piccard	76.9	--
Davos	78.5	------
KWS Odorico	77.3	---
DKC 3218	77.4	---
KXB9315	80.0	---------
SB0069	77.0	---
X80P548	80.7	----------
LZM168/47	77.8	----
Emeleen	76.6	--
ES Yakari	79.0	-------
LG 30222	77.2	---
SY Amboss	78.6	------
DKC 2978	76.9	--
Kaprilias	76.7	--
LG 31207	77.9	----
KWS Papageno	76.2	-
Hulk	80.4	----------
Amaroc	80.2	---------
-Bezugsgrösse(n)	76.5	--
Versuchs-Mittel	77.7	----
VK [%]	0.7	
KGD (5%)	1.0	
KGD (1%)	1.3	
Versuchs-Streuung	0.6	
FG Fehlerterm	24.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 31211	75.2	-	79.3	-	68.0	-	72.0	-	79.1	-
Spyci CS	75.4	-	79.3	-	68.0	-	72.0	-	80.1	--
Karibous	76.1	---	79.0	-	70.0	---	72.3	--	81.3	----
Amanova	76.1	---	80.0	---	69.7	---	72.3	--	80.8	---
LG 31205	75.4	-	79.7	--	68.7	--	71.7	-	80.0	--
LG 31219	76.0	--	79.7	--	69.3	--	72.0	-	80.0	--
KWS Damario	77.5	------	79.3	-	71.0	-----	73.3	----	84.6	---------
ES Piccard	76.0	--	79.0	-	69.7	---	73.0	---	80.6	---
Davos	76.5	---	80.3	----	69.3	--	72.7	---	81.1	----
KWS Odorico	76.2	---	81.0	-----	68.7	--	72.0	-	80.9	---
DKC 3218	77.3	-----	80.0	---	71.3	-----	73.7	-----	82.5	------
KXB9315	79.2	---------	82.3	--------	73.0	-------	75.0	--------	85.4	----------
SB0069	76.0	--	79.3	-	69.0	--	72.7	---	80.8	---
X80P548	79.8	----------	82.0	--------	75.3	----------	76.0	----------	84.6	---------
LZM168/47	77.0	----	79.3	-	70.7	----	73.3	----	82.8	------
Emeleen	75.7	--	79.7	--	69.0	--	72.0	-	80.4	---
ES Yakari	77.8	------	81.3	------	71.3	-----	74.0	------	83.0	-------
LG 30222	76.4	---	80.0	---	71.0	-----	72.3	--	80.9	---
SY Amboss	78.1	-------	81.0	-----	72.7	-------	74.3	------	83.0	-------
DKC 2978	76.5	---	81.0	-----	69.3	--	72.7	---	81.3	----
Kaprilias	77.0	----	80.3	----	70.3	----	73.0	---	82.7	------
LG 31207	76.1	--	80.0	---	69.0	--	72.3	--	80.9	---
KWS Papageno	76.1	---	79.7	--	69.0	--	72.3	--	82.1	-----
Hulk	79.7	----------	83.3	----------	72.0	------	76.3	----------	85.6	----------
Amaroc	79.0	---------	80.3	----	74.3	---------	75.3	--------	84.3	---------
-Bezugsgrösse(n)	75.7	--	79.7	--	68.8	--	72.2	--	79.9	--
Versuchs-Mittel	76.9	----	80.3	---	70.4	----	73.1	----	81.9	-----
VK [%]	0.9		0.9		1.0		0.8		0.9	
KGD (5%)	0.5		1.2		1.2		1.0		1.3	
KGD (1%)	0.6		1.5		1.6		1.3		1.8	
Versuchs-Streuung	0.7		0.7		0.7		0.6		0.8	
FG Fehlerterm	192.0		48.0		48.0		48.0		24.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	643.4	24	58.74	***	1.57	0.0000
Anbauorte	7225.8	4	3957.96	***	2.42	0.0000
WW Verf.*Anb.Orte	157.6	96	3.60	***	1.33	0.0000
Fehler	87.6	192				
Insgesamt	8114.4	316				

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

Verfahren	8566 Ellighausen TG	
LG 31211	77.8	---
Spyci CS	77.7	--
Karibous	78.1	---
Amanova	77.7	--
LG 31205	77.0	-
LG 31219	78.8	-----
KWS Damario	79.2	------
ES Piccard	77.9	---
Davos	79.2	------
KWS Odorico	78.4	----
DKC 3218	79.0	-----
KXB9315	80.3	---------
SB0069	78.0	---
X80P548	81.1	----------
LZM168/47	78.7	-----
Emeleen	77.4	-
ES Yakari	79.1	------
LG 30222	78.0	---
SY Amboss	79.3	------
DKC 2978	78.1	---
Kaprilias	78.5	----
LG 31207	78.2	----
KWS Papageno	77.6	--
Hulk	81.1	----------
Amaroc	80.5	---------
-Bezugsgrösse(n)	77.8	--
Versuchs-Mittel	78.7	-----
VK [%]	0.7	
KGD (5%)	1.0	
KGD (1%)	1.3	
Versuchs-Streuung	0.6	
FG Fehlerterm	24.0	
Anz. Beob.	3.0	

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 31211	261.3	-----	231.7	------	271.7	--------	271.7	-----	258.6	----
Spyci CS	250.0	--	220.0	---	268.3	-------	253.3	-	247.8	-
Karibous	254.1	---	215.0	--	258.3	-----	265.0	----	254.3	---
Amanova	266.2	------	218.3	---	268.3	-------	276.7	------	266.8	------
LG 31205	273.0	--------	230.0	-----	280.0	---------	278.3	-------	275.1	--------
LG 31219	264.2	------	233.3	------	263.3	------	281.7	--------	258.4	----
KWS Damario	259.5	-----	230.0	-----	260.0	------	270.0	-----	258.4	----
ES Piccard	283.2	----------	235.0	-------	280.0	---------	295.0	----------	287.5	----------
Davos	262.1	-----	225.0	----	258.3	-----	280.0	-------	262.8	-----
KWS Odorico	265.7	------	225.0	----	275.0	--------	273.3	------	270.4	-------
DKC 3218	254.8	---	221.7	---	230.0	-	263.3	---	274.1	-------
KXB9315	268.5	-------	233.3	------	258.3	-----	283.3	--------	281.1	---------
SB0069	256.9	----	230.0	-----	258.3	-----	260.0	---	256.6	---
X80P548	260.4	-----	220.0	---	243.3	---	268.3	----	270.8	-------
LZM168/47	269.9	-------	231.7	------	273.3	--------	275.0	------	277.7	--------
Emeleen	272.8	--------	231.7	------	288.3	----------	281.7	--------	264.2	-----
ES Yakari	268.8	-------	235.0	-------	250.0	----	281.7	--------	278.4	--------
LG 30222	244.1	-	216.7	--	246.7	---	251.7	-	244.8	-
SY Amboss	267.9	-------	245.0	---------	270.0	-------	265.0	----	274.1	-------
DKC 2978	253.1	---	215.0	--	250.0	----	261.7	---	262.3	-----
Kaprilias	254.2	---	210.0	-	256.7	-----	271.7	-----	257.1	---
LG 31207	278.7	---------	251.7	----------	278.3	---------	286.7	---------	279.2	---------
KWS Papageno	256.7	----	223.3	----	260.0	------	273.3	------	260.7	----
Hulk	272.3	--------	233.3	------	260.0	------	285.0	--------	284.7	----------
Amaroc	267.3	-------	233.3	------	261.7	------	276.7	------	271.1	-------
-Bezugsgrösse(n)	263.7	------	225.0	----	270.0	-------	274.2	------	262.7	-----
Versuchs-Mittel	263.4	------	227.8	-----	262.7	------	273.2	------	267.1	------
VK [%]	4.1		4.3		4.5		4.4		3.3	
KGD (5%)	7.8		16.0		19.3		19.7		14.9	
KGD (1%)	10.2		21.3		25.8		26.3		20.1	
Versuchs-Streuung	10.8		9.7		11.8		12.0		8.8	
FG Fehlerterm	216.0		48.0		48.0		48.0		24.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.		FG	F-Wert		F(95%)	P0
Verfahren	30737.7		24	11.02	***	1.57	0.0000
Anbauorte	142794.8		4	307.08	***	2.42	0.0000
WW Verf.*Anb.Orte	19143.5		96	1.72	ns	1.32	
Fehler	25110.6		216				
Insgesamt	217786.7	340					

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	8566 Ellighausen TG	
LG 31211	273.0	---
Spyci CS	260.7	-
Karibous	278.0	----
Amanova	300.7	--------
LG 31205	301.7	--------
LG 31219	284.0	-----
KWS Damario	279.0	----
ES Piccard	318.3	----------
Davos	284.3	-----
KWS Odorico	284.7	-----
DKC 3218	285.0	-----
KXB9315	286.7	-----
SB0069	279.7	----
X80P548	299.7	-------
LZM168/47	292.0	------
Emeleen	298.0	-------
ES Yakari	299.0	-------
LG 30222	260.7	-
SY Amboss	285.3	-----
DKC 2978	276.7	---
Kaprilias	275.7	---
LG 31207	297.7	-------
KWS Papageno	266.3	--
Hulk	298.3	-------
Amaroc	293.7	------
-Bezugsgrösse(n)	286.8	-----
Versuchs-Mittel	286.3	-----
VK [%]	3.6	
KGD (5%)	17.0	
KGD (1%)	22.7	
Versuchs-Streuung	10.4	
FG Fehlerterm	48.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 31211	106.0	--	95.0	----	115.0	----	105.0	-	100.9	-
Spyci CS	110.2	---	90.0	---	121.7	------	103.3	-	118.1	----
Karibous	118.7	-----	95.0	----	120.0	-----	120.0	-----	129.5	------
Amanova	118.5	-----	96.7	-----	121.7	------	121.7	-----	122.5	-----
LG 31205	117.9	-----	90.0	---	125.0	------	118.3	-----	122.1	----
LG 31219	123.0	-------	101.7	------	120.0	-----	125.0	------	133.3	------
KWS Damario	129.8	---------	106.7	-------	125.0	------	140.0	----------	138.7	-------
ES Piccard	120.4	------	81.7	-	131.7	--------	126.7	-------	128.4	------
Davos	119.1	-----	93.3	----	126.7	-------	123.3	------	119.2	----
KWS Odorico	118.7	-----	100.0	------	128.3	-------	113.3	---	118.4	----
DKC 3218	115.8	-----	88.3	---	103.3	-	116.7	----	137.8	-------
KXB9315	136.6	----------	120.0	----------	131.7	--------	141.7	----------	151.2	----------
SB0069	121.4	------	91.7	----	135.0	---------	116.7	----	125.2	-----
X80P548	122.0	------	98.3	-----	115.0	----	125.0	------	127.7	-----
LZM168/47	125.2	-------	111.7	---------	125.0	------	115.0	----	133.3	------
Emeleen	118.8	-----	88.3	---	131.7	--------	123.3	------	121.9	----
ES Yakari	130.5	---------	106.7	-------	128.3	-------	128.3	-------	138.2	-------
LG 30222	102.5	-	80.0	-	101.7	-	110.0	--	112.9	---
SY Amboss	129.2	--------	106.7	-------	141.7	----------	116.7	----	145.5	---------
DKC 2978	107.3	--	90.0	---	108.3	--	105.0	-	111.5	---
Kaprilias	115.2	----	83.3	-	106.7	--	113.3	---	134.2	-------
LG 31207	124.3	-------	103.3	------	125.0	------	120.0	-----	142.4	--------
KWS Papageno	124.1	-------	95.0	----	118.3	-----	125.0	------	148.5	---------
Hulk	135.1	----------	108.3	--------	130.0	--------	130.0	--------	149.4	---------
Amaroc	130.3	---------	103.3	------	120.0	-----	126.7	-------	156.2	----------
-Bezugsgrösse(n)	112.3	---	95.8	-----	118.3	-----	113.3	---	111.7	---
Versuchs-Mittel	120.8	------	97.0	-----	122.3	------	120.4	-----	130.7	------
VK [%]	7.9		8.7		7.6		7.8		8.4	
KGD (5%)	6.9		13.9		15.3		15.4		18.4	
KGD (1%)	9.1		18.5		20.3		20.5		24.9	
Versuchs-Streuung	9.6		8.5		9.3		9.4		10.9	
FG Fehlerterm	192.0		48.0		48.0		48.0		24.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	26622.6	24	12.12	***	1.57	0.0000
Anbauorte	62600.3	4	171.03	***	2.42	0.0000
WW Verf.*Anb.Orte	16111.3	96	1.83	***	1.33	0.0009
Fehler	17568.9	192				
Insgesamt	122903.1	316				

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

Verfahren	8566 Ellighausen TG	
LG 31211	114.2	--
Spyci CS	117.7	---
Karibous	129.1	-----
Amanova	130.2	-----
LG 31205	134.2	------
LG 31219	134.9	------
KWS Damario	138.6	-------
ES Piccard	133.4	------
Davos	132.8	------
KWS Odorico	133.4	------
DKC 3218	132.9	------
KXB9315	138.3	-------
SB0069	138.3	-------
X80P548	144.2	--------
LZM168/47	140.9	-------
Emeleen	128.9	-----
ES Yakari	151.1	---------
LG 30222	107.7	-
SY Amboss	135.5	------
DKC 2978	121.9	---
Kaprilias	138.4	-------
LG 31207	130.5	-----
KWS Papageno	133.8	------
Hulk	157.8	----------
Amaroc	145.5	--------
-Bezugsgrösse(n)	122.2	---
Versuchs-Mittel	133.8	------
VK [%]	8.3	
KGD (5%)	18.6	
KGD (1%)	25.2	
Versuchs-Streuung	11.0	
FG Fehlerterm	24.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 31211	40.6	-	41.0	----	42.4	--	38.7	-	39.2	-
Spyci CS	44.3	----	40.8	----	45.4	----	40.9	--	48.2	-----
Karibous	46.6	------	44.2	------	46.5	-----	45.3	------	50.7	-------
Amanova	44.6	----	44.3	------	45.4	----	44.0	-----	45.9	----
LG 31205	43.0	---	39.1	---	44.7	----	42.5	---	44.6	----
LG 31219	46.7	------	43.6	------	45.6	-----	44.4	-----	51.8	-------
KWS Damario	50.0	----------	46.5	--------	48.1	-------	52.0	----------	53.9	---------
ES Piccard	42.3	--	35.0	-	47.0	------	43.0	----	44.9	----
Davos	45.3	-----	41.4	----	49.0	--------	44.1	-----	45.2	----
KWS Odorico	44.7	----	44.4	------	46.7	-----	41.4	---	43.8	---
DKC 3218	45.3	-----	39.9	----	44.9	----	44.3	-----	50.2	-------
KXB9315	51.0	----------	51.5	----------	51.0	---------	50.6	----------	53.9	---------
SB0069	47.0	-------	39.8	----	52.3	----------	44.8	-----	48.3	------
X80P548	46.7	------	44.8	-------	47.2	------	46.6	-------	46.9	-----
LZM168/47	46.6	------	48.2	---------	45.9	-----	41.8	---	48.1	-----
Emeleen	43.4	---	38.3	---	45.6	----	43.7	----	45.9	----
ES Yakari	48.5	--------	45.5	-------	51.6	----------	45.6	------	49.6	------
LG 30222	41.8	--	36.8	--	41.2	-	43.7	----	45.9	----
SY Amboss	48.1	--------	43.5	------	52.5	----------	44.1	-----	53.1	--------
DKC 2978	42.4	--	41.9	-----	43.5	---	40.2	--	42.6	--
Kaprilias	45.0	-----	39.8	----	41.7	-	41.7	---	51.8	-------
LG 31207	44.4	----	41.1	----	44.9	----	41.9	---	50.7	-------
KWS Papageno	48.2	--------	42.6	-----	45.6	----	46.2	------	56.8	----------
Hulk	49.6	---------	46.4	--------	49.9	--------	45.6	------	52.7	--------
Amaroc	48.6	--------	44.3	------	45.7	-----	45.8	------	57.7	----------
-Bezugsgrösse(n)	42.6	---	42.6	-----	43.9	---	41.3	---	42.6	--
Versuchs-Mittel	45.8	------	42.6	-----	46.6	-----	44.1	-----	48.9	------
VK [%]	8.5		8.5		7.6		9.2		8.3	
KGD (5%)	2.8		5.9		5.8		ns		6.9	
KGD (1%)	3.7		7.9		7.7		ns		9.3	
Versuchs-Streuung	3.9		3.6		3.5		4.1		4.1	
FG Fehlerterm	216.0		48.0		48.0		48.0		24.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	2661.8	24	7.34	***	1.57	0.0000
Anbauorte	1820.5	4	30.12	***	2.42	0.0000
WW Verf.*Anb.Orte	1783.2	96	1.23	ns	1.32	
Fehler	3263.4	216				
Insgesamt	9528.9	340				

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

Verfahren	8566 Ellighausen TG	
LG 31211	42.0	-
Spyci CS	46.0	----
Karibous	46.4	-----
Amanova	43.4	--
LG 31205	44.3	---
LG 31219	48.2	------
KWS Damario	49.6	--------
ES Piccard	41.6	-
Davos	47.1	-----
KWS Odorico	47.0	-----
DKC 3218	47.0	-----
KXB9315	48.1	------
SB0069	49.9	--------
X80P548	48.3	------
LZM168/47	48.8	-------
Emeleen	43.3	--
ES Yakari	50.0	--------
LG 30222	41.4	-
SY Amboss	47.2	------
DKC 2978	43.9	---
Kaprilias	50.0	--------
LG 31207	43.4	--
KWS Papageno	50.0	--------
Hulk	53.2	----------
Amaroc	49.4	-------
-Bezugsgrösse(n)	42.7	--
Versuchs-Mittel	46.8	-----
VK [%]	9.0	
KGD (5%)	ns	
KGD (1%)	ns	
Versuchs-Streuung	4.2	
FG Fehlerterm	48.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH	
LG 31211	6.6	---	4.3	-	11.7	----	3.9	---
Spyci CS	2.8	-	4.1	-	2.1	-	2.1	--
Karibous	9.9	-----	11.6	---	12.9	----	5.3	-----
Amanova	11.4	-----	16.3	----	9.3	---	8.6	--------
LG 31205	9.4	----	9.3	--	9.2	---	9.7	---------
LG 31219	2.3	-	3.4	-	2.0	-	1.5	-
KWS Damario	21.5	----------	40.2	----------	14.9	-----	9.6	---------
ES Piccard	7.1	---	9.0	--	6.1	--	6.3	------
Davos	14.1	-------	17.4	----	21.0	-------	4.1	---
KWS Odorico	14.6	-------	18.6	-----	13.4	-----	11.8	----------
DKC 3218	9.3	----	7.8	--	9.3	---	10.7	----------
KXB9315	11.3	-----	8.2	--	22.7	--------	2.9	--
SB0069	7.1	---	5.3	-	5.9	--	10.3	---------
X80P548	3.4	-	6.3	-	3.0	-	1.0	-
LZM168/47	6.2	---	6.9	--	4.7	--	6.9	------
Emeleen	7.2	---	4.3	-	14.9	-----	2.3	--
ES Yakari	7.4	---	9.4	--	4.6	--	8.2	-------
LG 30222	5.8	--	6.3	-	9.0	---	2.1	--
SY Amboss	20.6	----------	28.0	-------	30.5	----------	3.3	---
DKC 2978	4.9	--	3.2	-	9.0	---	2.5	--
Kaprilias	11.1	-----	15.7	----	9.4	---	8.1	-------
LG 31207	6.2	---	5.3	-	9.3	---	3.8	---
KWS Papageno	20.5	----------	24.9	------	25.7	---------	10.9	----------
Hulk	12.6	------	24.9	------	9.9	---	2.9	--
Amaroc	9.2	----	10.6	---	12.8	----	4.2	----
-Bezugsgrösse(n)	9.0	----	10.3	---	10.5	----	6.2	-----
Versuchs-Mittel	9.7	----	12.1	---	11.3	----	5.7	-----
VK [%]	68.0		57.4		71.8		68.8	
KGD (5%)	6.1		11.4		13.4		6.5	
KGD (1%)	8.1		15.1		17.8		8.7	
Versuchs-Streuung	6.6		6.9		8.1		4.0	
FG Fehlerterm	143.0		48.0		48.0		47.0	
Anz. Beob.	9.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	6076.6	24	5.83	***	1.59	0.0000
Anbauorte	1804.0	2	20.76	***	3.06	0.0000
WW Verf.*Anb.Orte	4698.7	48	2.25	***	1.45	0.0006
Fehler	6213.2	143				
Insgesamt	18792.6	217				

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	0.7	-	0.0	-	0.0	-	0.3	-	0.1	-
Spyci CS	0.6	-	0.0	-	1.7	----------	1.0	--	0.5	--
Karibous	1.5	----	0.0	-	0.3	--	3.2	-----	0.4	-
Amanova	1.1	--	0.0	-	0.0	-	0.3	-	-0.1	-
LG 31205	1.9	-----	0.7	---	0.3	--	3.5	-----	2.2	---
LG 31219	1.3	---	0.0	-	1.4	---------	0.7	--	-0.1	-
KWS Damario	1.7	----	2.1	---------	0.3	---	0.7	-	1.2	--
ES Piccard	1.5	----	0.4	--	0.7	-----	1.2	--	1.1	--
Davos	3.5	----------	1.3	------	1.6	----------	7.3	----------	4.4	------
KWS Odorico	1.4	---	0.0	-	0.9	------	1.6	---	0.5	--
DKC 3218	1.1	--	0.0	-	0.7	-----	1.0	--	1.6	---
KXB9315	0.5	-	0.0	-	0.6	----	0.7	--	0.3	-
SB0069	3.5	----------	0.7	---	1.3	---------	1.7	---	8.5	----------
X80P548	1.8	-----	1.8	--------	0.7	-----	3.9	------	1.1	--
LZM168/47	0.7	-	0.0	-	1.3	--------	1.6	---	1.4	--
Emeleen	1.1	---	0.0	-	0.6	----	1.0	--	0.7	--
ES Yakari	2.4	-------	0.8	----	0.7	-----	3.9	------	1.8	---
LG 30222	0.7	-	0.0	-	0.0	-	1.0	--	0.6	--
SY Amboss	2.3	------	2.6	----------	1.3	---------	3.3	-----	1.1	--
DKC 2978	0.9	--	0.0	-	0.0	-	0.7	--	-0.3	-
Kaprilias	2.0	------	1.5	------	0.6	----	2.4	----	2.0	---
LG 31207	1.3	---	2.0	--------	0.0	-	1.3	--	0.6	--
KWS Papageno	2.0	-----	2.1	---------	0.6	----	0.0	-	1.7	---
Hulk	1.4	---	0.9	----	0.7	-----	4.4	-------	0.4	-
Amaroc	1.3	---	0.7	---	0.3	---	1.3	--	0.0	-
-Bezugsgrösse(n)	0.9	--	0.0	-	0.0	-	0.3	-	-0.0	-
Versuchs-Mittel	1.5	----	0.7	---	0.7	-----	1.9	---	1.3	--
VK [%]	113.4		173.8		124.1		81.9		178.1	
KGD (5%)	1.1		ns		ns		2.6		ns	
KGD (1%)	1.4		ns		ns		3.4		ns	
Versuchs-Streuung	1.7		1.2		0.8		1.6		2.3	
FG Fehlerterm	264.0		48.0		48.0		48.0		24.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	308.9	24	4.31	***	1.56	0.0000
Anbauorte	790.2	6	44.09	***	2.14	0.0000
WW Verf.*Anb.Orte	790.2	144	1.84	***	1.27	0.0007
Fehler	788.6	264				
Insgesamt	2677.9	438				

Charbon [%] / Beulenbrand [%]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	0.2	-	4.3	-----	0.1	--
Spyci CS	0.3	--	1.0	-	-0.0	-
Karibous	0.3	--	5.4	------	1.0	----
Amanova	0.7	---	6.1	-------	0.4	--
LG 31205	0.6	--	5.1	------	0.6	---
LG 31219	1.5	----	5.1	------	0.2	--
KWS Damario	-0.0	-	5.7	-------	1.7	-----
ES Piccard	0.6	--	5.8	-------	1.0	----
Davos	0.3	--	6.5	-------	3.1	--------
KWS Odorico	-0.2	-	5.7	------	1.2	----
DKC 3218	-0.2	-	0.5	-	4.0	----------
KXB9315	0.0	-	2.5	---	-0.3	-
SB0069	1.0	---	9.3	----------	1.8	------
X80P548	4.1	----------	1.0	-	0.1	-
LZM168/47	0.4	--	0.5	-	-0.1	-
Emeleen	1.6	-----	3.7	----	0.2	--
ES Yakari	1.2	----	7.2	--------	1.3	----
LG 30222	0.7	---	1.5	--	1.0	----
SY Amboss	4.3	----------	2.9	---	0.3	--
DKC 2978	1.0	---	4.5	-----	0.4	--
Kaprilias	2.5	-------	5.3	------	-0.0	-
LG 31207	0.6	--	4.4	-----	-0.0	-
KWS Papageno	0.8	---	8.4	----------	0.0	-
Hulk	1.2	----	2.3	---	-0.0	-
Amaroc	1.1	----	4.2	-----	1.2	----
-Bezugsgrösse(n)	0.5	--	5.2	------	0.3	--
Versuchs-Mittel	1.0	---	4.4	-----	0.8	---
VK [%]	76.9		64.8		181.7	
KGD (5%)	1.3		4.6		ns	
KGD (1%)	1.7		ns		ns	
Versuchs-Streuung	0.8		2.8		1.4	
FG Fehlerterm	24.0		48.0		24.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten	
LG 31211	0.4	---	1.0	-----	0.0	-	0.3	--
Spyci CS	0.6	----	0.7	----	0.0	-	1.0	----
Karibous	1.1	-------	1.3	-------	0.3	----	1.6	------
Amanova	0.8	-----	0.3	--	0.3	----	1.6	------
LG 31205	0.4	--	0.4	--	0.4	----	0.3	--
LG 31219	0.2	-	0.0	-	0.4	----	0.3	--
KWS Damario	0.2	-	0.0	-	0.7	-------	0.0	-
ES Piccard	0.9	------	0.4	--	0.4	-----	1.9	------
Davos	0.1	-	0.0	-	0.0	-	0.3	--
KWS Odorico	1.6	----------	0.7	----	1.0	----------	3.2	----------
DKC 3218	0.5	---	0.7	----	0.0	-	0.9	---
KXB9315	0.6	----	0.3	--	0.7	--------	0.6	---
SB0069	0.4	---	0.0	-	0.3	----	1.0	----
X80P548	0.2	-	0.7	----	0.0	-	0.0	-
LZM168/47	0.5	---	0.3	--	0.0	-	1.3	-----
Emeleen	0.3	--	0.3	--	0.0	-	0.7	---
ES Yakari	0.5	---	0.4	--	0.0	-	1.0	----
LG 30222	0.2	-	0.3	--	0.0	-	0.3	--
SY Amboss	0.1	-	0.0	-	0.0	-	0.3	--
DKC 2978	1.0	-------	2.1	----------	0.3	----	0.7	---
Kaprilias	0.4	---	0.0	-	0.4	----	1.0	----
LG 31207	0.5	---	0.0	-	0.3	---	1.3	-----
KWS Papageno	0.5	---	0.4	--	0.0	-	1.2	----
Hulk	0.6	----	0.8	----	0.4	----	0.7	---
Amaroc	1.1	-------	1.0	-----	0.3	----	2.0	-------
-Bezugsgrösse(n)	0.6	----	0.7	----	0.2	--	1.0	----
Versuchs-Mittel	0.6	----	0.5	---	0.2	---	1.0	----
VK [%]	159.9		156.7		232.7		129.0	
KGD (5%)	ns		ns		ns		ns	
KGD (1%)	ns		ns		ns		ns	
Versuchs-Streuung	0.9		0.8		0.6		1.2	
FG Fehlerterm	144.0		48.0		48.0		48.0	
Anz. Beob.	9.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	27.9	24	1.45	ns	1.59	0.0948
Anbauorte	19.5	2	12.17	***	3.06	0.0001
WW Verf.*Anb.Orte	33.8	48	0.88	ns	1.45	0.6926
Fehler	115.3	144				
Insgesamt	196.4	218				

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	10.0	--------	9.9	--------	9.4	---	10.3	-------	10.1	-----
Spyci CS	9.6	-----	9.2	-----	9.6	----	9.5	----	9.3	-
Karibous	10.2	----------	10.1	----------	10.5	--------	10.4	--------	10.0	-----
Amanova	10.3	----------	9.4	------	11.0	----------	10.2	-------	10.1	-----
LG 31205	10.1	---------	9.7	-------	9.7	----	9.8	-----	10.3	------
LG 31219	9.5	-----	8.7	--	9.5	---	9.6	-----	10.0	----
KWS Damario	10.1	--------	9.7	-------	10.1	------	10.2	-------	10.3	------
ES Piccard	9.0	-	8.5	-	8.9	-	8.6	-	9.5	--
Davos	10.2	----------	10.0	---------	10.4	--------	10.3	-------	10.5	-------
KWS Odorico	10.2	----------	9.4	------	10.4	--------	10.2	-------	10.4	------
DKC 3218	10.0	--------	9.4	------	10.1	------	11.0	----------	10.0	----
KXB9315	9.8	-------	9.6	------	10.1	------	10.1	-------	9.6	--
SB0069	10.0	--------	9.5	------	10.1	-------	9.9	------	9.6	--
X80P548	9.5	----	9.1	----	9.2	--	9.5	----	9.5	--
LZM168/47	10.2	---------	9.8	--------	10.4	--------	10.3	-------	9.9	----
Emeleen	10.3	----------	10.3	----------	10.5	--------	10.1	-------	10.0	----
ES Yakari	10.0	--------	9.7	-------	10.4	--------	10.0	------	10.0	----
LG 30222	9.6	-----	9.5	------	9.4	---	9.8	-----	9.7	---
SY Amboss	10.1	---------	9.8	--------	10.0	------	10.1	-------	10.2	------
DKC 2978	9.8	-------	9.5	------	9.9	------	9.9	------	10.2	------
Kaprilias	9.9	--------	8.9	---	10.2	-------	10.0	------	10.3	------
LG 31207	10.2	----------	10.2	----------	10.6	---------	10.4	--------	9.9	----
KWS Papageno	10.2	----------	10.0	---------	10.3	-------	10.6	---------	9.7	---
Hulk	9.0	-	8.5	-	9.6	----	9.2	---	9.4	-
Amaroc	10.3	----------	9.7	-------	10.5	--------	10.3	--------	11.2	----------
-Bezugsgrösse(n)	10.1	---------	9.7	-------	10.2	-------	10.2	-------	10.1	-----
Versuchs-Mittel	9.9	--------	9.5	------	10.0	------	10.0	------	10.0	----
VK [%]	5.3		6.8		6.2		5.1		3.4	
KGD (5%)	0.3		ns		1.0		0.8		0.6	
KGD (1%)	0.4		ns		ns		1.1		0.8	
Versuchs-Streuung	0.5		0.7		0.6		0.5		0.3	
FG Fehlerterm	264.0		48.0		48.0		48.0		24.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	67.5	24	10.19	***	1.56	0.0000
Anbauorte	13.9	6	8.37	***	2.14	0.0000
WW Verf.*Anb.Orte	36.3	144	0.91	ns	1.27	
Fehler	72.9	264				
Insgesamt	190.6	438				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	10.0	-------	10.1	--------	10.4	---------
Spyci CS	9.9	-------	9.4	-----	10.0	------
Karibous	10.2	--------	10.0	--------	10.2	--------
Amanova	10.1	--------	10.3	---------	10.7	----------
LG 31205	10.6	----------	10.5	----------	10.0	------
LG 31219	9.6	-----	9.3	-----	9.9	------
KWS Damario	10.2	--------	10.1	--------	9.8	-----
ES Piccard	9.5	----	9.1	---	9.1	-
Davos	10.0	-------	10.5	----------	9.8	-----
KWS Odorico	10.6	----------	10.2	---------	10.2	--------
DKC 3218	10.0	-------	10.0	--------	9.8	-----
KXB9315	10.1	-------	9.8	-------	9.7	----
SB0069	9.9	-------	10.3	----------	10.5	----------
X80P548	9.7	-----	9.8	-------	9.7	-----
LZM168/47	10.4	----------	10.0	--------	10.3	--------
Emeleen	10.1	--------	10.5	----------	10.4	---------
ES Yakari	9.9	-------	10.1	--------	9.9	------
LG 30222	9.9	-------	9.4	-----	9.6	----
SY Amboss	10.3	---------	10.1	---------	10.2	--------
DKC 2978	9.5	----	9.7	-------	10.0	------
Kaprilias	9.6	-----	10.2	---------	10.2	--------
LG 31207	10.3	---------	9.9	--------	10.4	---------
KWS Papageno	10.1	--------	10.4	----------	10.3	--------
Hulk	8.8	-	8.5	-	9.1	-
Amaroc	10.2	--------	10.3	---------	10.2	-------
-Bezugsgrösse(n)	10.0	-------	10.2	---------	10.5	----------
Versuchs-Mittel	10.0	-------	9.9	--------	10.0	------
VK [%]	5.7		4.3		2.9	
KGD (5%)	ns		0.7		0.5	
KGD (1%)	ns		0.9		0.7	
Versuchs-Streuung	0.6		0.4		0.3	
FG Fehlerterm	24.0		48.0		24.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	599.4	----	495.2	----	597.1	----	719.6	---	607.2	-----
Spyci CS	575.3	---	479.5	---	617.5	----	677.2	-	559.4	---
Karibous	589.3	---	493.4	----	547.5	---	740.2	-----	542.7	---
Amanova	597.3	----	507.9	-----	613.8	----	715.8	---	538.6	--
LG 31205	586.2	---	454.0	-	638.6	-----	695.0	--	615.4	------
LG 31219	591.8	---	465.1	-	643.5	-----	709.3	---	588.3	-----
KWS Damario	624.4	-----	552.1	--------	612.9	----	777.1	-------	582.4	----
ES Piccard	650.7	------	489.1	---	669.6	------	742.4	-----	634.2	-------
Davos	637.7	------	487.8	---	647.3	-----	808.3	---------	655.3	-------
KWS Odorico	662.3	-------	587.7	----------	621.8	-----	831.2	----------	677.6	--------
DKC 3218	631.7	-----	525.3	------	594.7	----	703.3	--	659.9	--------
KXB9315	693.8	---------	558.2	--------	705.4	-------	794.4	--------	693.0	---------
SB0069	618.5	-----	534.3	------	643.6	-----	730.9	----	602.7	-----
X80P548	611.6	----	506.4	----	552.0	---	742.7	-----	556.9	---
LZM168/47	643.9	------	536.1	-------	671.4	------	758.7	------	655.1	-------
Emeleen	605.7	----	472.3	--	632.3	-----	734.9	----	615.6	------
ES Yakari	714.2	----------	586.4	----------	729.6	-------	818.8	----------	694.6	---------
LG 30222	594.4	----	515.0	-----	554.6	---	694.0	--	624.1	------
SY Amboss	597.8	----	538.1	-------	581.7	---	716.1	---	603.8	-----
DKC 2978	536.1	-	452.7	-	474.2	-	675.3	-	497.0	-
Kaprilias	606.1	----	509.4	-----	523.9	--	743.4	-----	645.7	-------
LG 31207	618.5	-----	504.8	----	681.9	------	715.5	---	619.6	------
KWS Papageno	594.1	----	491.5	---	629.3	-----	708.4	---	576.2	----
Hulk	735.4	----------	591.9	----------	849.2	----------	818.3	----------	726.9	----------
Amaroc	648.2	------	540.3	-------	695.3	------	756.6	------	631.0	------
-Bezugsgrösse(n)	598.4	----	501.5	----	605.4	----	717.7	---	572.9	----
Versuchs-Mittel	622.6	-----	515.0	-----	629.1	-----	741.1	-----	616.1	------
VK [%]	5.6		7.2		8.3		4.0		4.4	
KGD (5%)	21.1		61.2		85.5		48.1		45.2	
KGD (1%)	27.9		81.7		114.0		64.2		61.3	
Versuchs-Streuung	34.8		37.3		52.1		29.3		26.8	
FG Fehlerterm	240.0		48.0		48.0		48.0		24.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	990861.6	24	34.17	***	1.56	0.0000
Anbauorte	2019880.6	6	278.66	***	2.14	0.0000
WW Verf.*Anb.Orte	458145.4	144	2.63	***	1.27	0.0001
Fehler	289946.1	240				
Insgesamt	3758833.6	414				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	589.1	--	566.8	---	621.0	-----
Spyci CS	613.3	----	542.1	--	537.9	-
Karibous	662.0	------	587.4	----	552.3	-
Amanova	619.7	----	566.1	---	619.1	-----
LG 31205	581.9	--	557.4	---	561.0	--
LG 31219	559.4	-	551.5	---	625.5	-----
KWS Damario	661.7	------	588.9	----	595.9	---
ES Piccard	667.7	-------	634.3	------	717.4	---------
Davos	637.5	-----	618.4	------	609.5	----
KWS Odorico	693.3	--------	580.9	----	643.8	------
DKC 3218	669.1	-------	589.4	----	680.5	--------
KXB9315	719.7	---------	643.8	-------	741.8	----------
SB0069	629.7	----	599.1	-----	589.2	---
X80P548	626.2	----	612.0	-----	684.8	--------
LZM168/47	651.7	------	588.8	----	645.5	------
Emeleen	595.1	---	578.7	----	610.8	----
ES Yakari	742.8	----------	696.2	---------	731.0	----------
LG 30222	612.5	---	583.9	----	576.5	--
SY Amboss	623.8	----	547.0	--	573.7	--
DKC 2978	592.6	--	510.6	-	550.3	-
Kaprilias	642.4	-----	565.3	---	612.7	----
LG 31207	608.1	---	591.7	----	608.0	----
KWS Papageno	582.9	--	583.9	----	586.5	---
Hulk	695.7	--------	724.0	----------	741.4	----------
Amaroc	714.7	---------	596.0	-----	603.4	----
-Bezugsgrösse(n)	604.4	---	566.5	---	620.0	-----
Versuchs-Mittel	639.7	-----	592.2	----	624.8	-----
VK [%]	3.5		1.6		4.7	
KGD (5%)	37.2		15.7		49.7	
KGD (1%)	50.4		21.2		67.3	
Versuchs-Streuung	22.1		9.3		29.5	
FG Fehlerterm	24.0		24.0		24.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	212.3	------	207.7	------	202.8	-----	208.3	------	223.1	------
Spyci CS	204.8	-----	202.2	-----	205.0	-----	195.3	---	203.9	----
Karibous	205.7	-----	196.5	----	196.7	----	203.7	-----	210.9	-----
Amanova	215.9	-------	212.2	-------	214.9	------	217.5	--------	206.9	----
LG 31205	210.3	------	183.1	-	219.5	-------	218.9	--------	233.0	--------
LG 31219	199.5	---	187.8	--	210.8	------	200.7	----	210.3	-----
KWS Damario	217.1	--------	222.6	----------	219.6	-------	211.1	------	208.4	----
ES Piccard	220.3	--------	191.2	--	225.6	--------	210.9	------	231.2	--------
Davos	218.7	--------	185.0	-	231.4	---------	227.9	----------	229.9	-------
KWS Odorico	222.0	---------	218.7	---------	215.5	-------	231.7	----------	240.1	---------
DKC 3218	224.4	----------	210.1	-------	211.7	------	212.2	-------	252.7	----------
KXB9315	228.3	----------	211.5	-------	230.9	---------	220.6	--------	239.9	---------
SB0069	221.5	---------	218.7	---------	220.5	-------	217.6	--------	227.3	-------
X80P548	188.9	-	184.9	-	186.9	--	184.0	-	182.2	-
LZM168/47	225.3	----------	217.5	--------	230.1	---------	224.6	---------	237.2	--------
Emeleen	221.0	---------	201.0	-----	221.9	-------	227.3	----------	233.0	--------
ES Yakari	215.1	-------	208.3	------	209.9	------	205.7	-----	216.4	-----
LG 30222	206.5	-----	209.6	-------	192.6	---	196.1	---	219.0	------
SY Amboss	211.7	------	224.0	----------	194.3	----	209.9	------	222.8	------
DKC 2978	191.7	-	185.9	-	173.7	-	190.6	--	202.5	---
Kaprilias	212.6	-------	200.4	-----	188.4	---	212.3	-------	237.9	---------
LG 31207	227.5	----------	227.0	----------	241.6	----------	225.9	---------	231.0	--------
KWS Papageno	216.3	-------	201.6	-----	229.6	---------	215.7	-------	218.9	------
Hulk	217.9	--------	192.7	---	244.4	----------	199.4	----	226.4	-------
Amaroc	228.7	----------	220.7	---------	234.8	---------	216.1	-------	231.3	--------
-Bezugsgrösse(n)	214.1	-------	210.0	-------	208.9	------	212.9	-------	215.0	-----
Versuchs-Mittel	214.6	-------	204.8	------	214.1	------	211.4	------	223.0	------
VK [%]	6.7		7.2		9.0		4.3		2.0	
KGD (5%)	9.4		24.1		31.7		14.8		7.7	
KGD (1%)	12.4		32.2		42.3		19.8		10.4	
Versuchs-Streuung	14.4		14.7		19.3		9.0		4.6	
FG Fehlerterm	240.0		48.0		48.0		48.0		24.0	
Anz. Beob.	18.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	47996.6	24	9.67	***	1.56	0.0000
Anbauorte	51302.4	5	49.62	***	2.25	0.0000
WW Verf.*Anb.Orte	40707.7	120	1.64	ns	1.29	
Fehler	49630.2	240				
Insgesamt	189636.9	389				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH	
LG 31211	231.1	------	200.8	------
Spyci CS	237.1	-------	185.6	--
Karibous	231.0	------	195.6	-----
Amanova	243.4	--------	200.2	------
LG 31205	210.9	--	196.2	-----
LG 31219	200.4	-	186.9	---
KWS Damario	247.1	--------	193.9	----
ES Piccard	247.6	--------	215.4	----------
Davos	233.0	------	205.2	-------
KWS Odorico	238.0	-------	188.2	---
DKC 3218	249.6	---------	210.4	---------
KXB9315	248.7	---------	218.1	----------
SB0069	234.8	------	210.1	---------
X80P548	206.2	--	189.5	---
LZM168/47	228.4	-----	214.1	----------
Emeleen	232.4	------	210.5	---------
ES Yakari	242.3	-------	207.8	--------
LG 30222	218.4	----	203.6	-------
SY Amboss	227.0	-----	192.1	----
DKC 2978	218.5	----	179.1	-
Kaprilias	246.6	--------	189.9	---
LG 31207	226.6	-----	213.2	---------
KWS Papageno	227.2	-----	204.9	-------
Hulk	231.5	------	213.0	---------
Amaroc	261.3	----------	208.2	--------
-Bezugsgrösse(n)	237.3	-------	200.5	------
Versuchs-Mittel	232.8	------	201.3	------
VK [%]	7.9		3.0	
KGD (5%)	30.1		10.2	
KGD (1%)	ns		13.8	
Versuchs-Streuung	18.3		6.1	
FG Fehlerterm	48.0		24.0	
Anz. Beob.	3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	35.8	---------	41.9	--------	34.0	-------	28.9	-------	36.8	-------
Spyci CS	35.3	--------	42.3	---------	33.2	------	28.8	-------	36.8	-------
Karibous	35.3	--------	39.9	-------	36.0	----------	27.5	-----	39.4	---------
Amanova	36.6	----------	41.8	--------	35.0	---------	30.4	---------	38.3	--------
LG 31205	36.2	---------	40.3	-------	34.4	--------	31.5	----------	38.1	--------
LG 31219	34.7	-------	40.4	-------	32.7	------	28.3	------	35.7	-----
KWS Damario	34.8	-------	40.4	-------	35.9	----------	27.2	-----	36.2	------
ES Piccard	34.5	-------	39.1	------	33.6	-------	28.4	------	35.7	-----
Davos	34.4	-------	38.0	-----	35.9	----------	28.2	------	35.4	-----
KWS Odorico	33.7	------	37.3	----	34.7	--------	27.9	-----	35.3	-----
DKC 3218	36.2	---------	40.0	-------	35.7	---------	30.2	---------	38.5	--------
KXB9315	33.7	------	37.9	-----	32.8	------	27.8	-----	34.7	----
SB0069	36.1	---------	41.0	--------	34.2	--------	29.8	--------	37.8	--------
X80P548	32.1	----	36.6	----	33.8	-------	24.8	-	32.4	--
LZM168/47	35.5	--------	40.6	-------	34.3	--------	29.6	--------	36.3	------
Emeleen	37.0	----------	42.6	---------	35.0	---------	30.9	----------	37.6	-------
ES Yakari	30.5	--	35.5	---	28.8	-	25.2	--	31.3	-
LG 30222	34.9	-------	40.8	-------	34.7	--------	28.3	------	35.1	-----
SY Amboss	35.5	--------	41.6	--------	33.4	------	29.3	-------	36.8	-------
DKC 2978	36.5	---------	41.1	--------	36.6	----------	28.2	------	40.7	----------
Kaprilias	35.2	--------	39.4	------	36.0	----------	28.6	------	36.7	-------
LG 31207	37.3	----------	44.7	----------	35.5	---------	31.6	----------	37.2	-------
KWS Papageno	36.7	----------	41.0	--------	36.5	----------	30.5	---------	38.0	--------
Hulk	29.7	-	32.6	-	28.8	-	24.4	-	30.9	-
Amaroc	35.2	--------	40.9	-------	33.8	-------	28.6	------	36.7	------
-Bezugsgrösse(n)	36.2	---------	41.9	--------	34.5	--------	29.7	--------	37.6	-------
Versuchs-Mittel	34.9	-------	39.9	-------	34.2	--------	28.6	------	36.3	------
VK [%]	3.5		3.5		5.1		3.2		3.1	
KGD (5%)	0.8		2.3		2.9		1.5		1.9	
KGD (1%)	1.1		3.0		3.8		2.0		2.5	
Versuchs-Streuung	1.2		1.4		1.8		0.9		1.1	
FG Fehlerterm	216.0		48.0		48.0		48.0		24.0	
Anz. Beob.	18.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	1495.3	24	41.67	***	1.57	0.0000
Anbauorte	5291.9	5	707.93	***	2.26	0.0000
WW Verf.*Anb.Orte	387.5	120	2.16	***	1.30	0.0003
Fehler	322.9	216				
Insgesamt	7497.7	365				

Précocité [% MS] / Frühreife [% TS]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH	
LG 31211	37.8	--------	35.4	---------
Spyci CS	36.3	------	34.3	--------
Karibous	35.6	-----	33.1	------
Amanova	38.7	---------	35.5	---------
LG 31205	37.6	--------	35.2	---------
LG 31219	37.5	--------	33.8	-------
KWS Damario	36.5	------	32.9	------
ES Piccard	36.0	------	34.3	--------
Davos	36.0	------	33.0	------
KWS Odorico	34.7	----	32.6	-----
DKC 3218	37.4	--------	35.7	----------
KXB9315	35.2	-----	33.8	-------
SB0069	38.1	---------	35.3	---------
X80P548	34.1	---	30.9	---
LZM168/47	36.0	------	36.3	----------
Emeleen	39.7	----------	36.2	----------
ES Yakari	32.0	-	29.9	-
LG 30222	35.3	-----	35.1	---------
SY Amboss	36.5	------	35.3	---------
DKC 2978	37.1	-------	35.0	---------
Kaprilias	36.8	-------	33.7	-------
LG 31207	39.0	----------	36.0	----------
KWS Papageno	39.7	----------	34.6	--------
Hulk	32.4	-	29.4	-
Amaroc	36.2	------	35.0	---------
-Bezugsgrösse(n)	38.3	---------	35.4	---------
Versuchs-Mittel	36.5	------	34.1	-------
VK [%]	0.7		2.1	
KGD (5%)	0.4		1.2	
KGD (1%)	0.6		1.6	
Versuchs-Streuung	0.3		0.7	
FG Fehlerterm	24.0		24.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	151.9	-----	145.5	----	140.3	-----	147.6	-----	160.0	------
Spyci CS	145.6	---	144.7	----	142.9	-----	138.0	---	151.0	----
Karibous	149.3	-----	143.8	---	136.1	----	144.5	-----	152.0	----
Amanova	157.1	-------	157.0	-------	150.7	------	153.3	-------	157.0	-----
LG 31205	152.3	------	133.3	-	149.2	------	155.6	-------	170.2	--------
LG 31219	145.3	---	142.0	---	147.0	------	141.5	----	151.6	----
KWS Damario	156.7	-------	162.0	---------	153.9	-------	146.9	-----	151.7	----
ES Piccard	153.9	------	137.8	--	154.5	-------	139.7	---	166.4	-------
Davos	156.3	-------	133.4	-	155.5	-------	160.5	--------	164.5	-------
KWS Odorico	164.9	----------	164.2	---------	152.6	-------	171.0	----------	183.9	----------
DKC 3218	160.2	--------	151.2	------	147.4	------	147.6	-----	179.9	----------
KXB9315	163.1	---------	154.0	------	157.6	--------	154.9	-------	172.8	--------
SB0069	156.3	-------	156.3	-------	147.9	------	148.8	------	159.1	------
X80P548	139.9	-	140.7	---	132.4	---	127.1	-	132.9	-
LZM168/47	164.7	----------	160.9	--------	160.2	--------	161.2	--------	172.8	--------
Emeleen	160.3	--------	146.6	----	155.2	-------	162.3	---------	167.4	-------
ES Yakari	154.5	------	154.0	------	142.6	-----	142.3	----	156.6	-----
LG 30222	147.9	----	155.0	-------	132.7	---	137.0	---	155.5	-----
SY Amboss	148.3	----	160.5	--------	130.9	---	139.5	---	156.6	-----
DKC 2978	137.7	-	139.4	--	117.2	-	134.3	--	142.6	---
Kaprilias	152.1	------	146.5	----	128.3	--	151.6	------	173.4	---------
LG 31207	166.8	----------	169.5	----------	169.4	----------	168.1	----------	165.2	-------
KWS Papageno	159.3	--------	152.1	------	160.6	--------	156.0	-------	161.3	------
Hulk	155.5	-------	139.2	--	175.7	----------	139.1	---	161.2	------
Amaroc	163.7	----------	160.5	--------	159.7	--------	152.6	------	167.8	-------
-Bezugsgrösse(n)	154.5	------	151.2	------	145.5	-----	150.4	------	158.5	------
Versuchs-Mittel	154.5	------	150.0	-----	148.0	------	148.8	------	161.3	------
VK [%]	6.8		7.2		11.0		4.9		4.1	
KGD (5%)	6.9		17.7		26.8		11.9		11.2	
KGD (1%)	9.1		23.6		ns		15.9		15.2	
Versuchs-Streuung	10.5		10.8		16.4		7.3		6.7	
FG Fehlerterm	216.0		48.0		48.0		48.0		24.0	
Anz. Beob.	18.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	25420.4	24	9.53	***	1.57	0.0000
Anbauorte	26402.4	5	47.52	***	2.26	0.0000
WW Verf.*Anb.Orte	22248.4	120	1.67	ns	1.30	
Fehler	24004.6	216				
Insgesamt	98075.8	365				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH	
LG 31211	166.1	-----	151.7	-------
Spyci CS	159.7	---	137.5	--
Karibous	174.1	-------	145.3	----
Amanova	173.6	-------	151.0	------
LG 31205	158.4	---	147.3	-----
LG 31219	151.2	-	138.5	--
KWS Damario	177.5	--------	148.0	-----
ES Piccard	169.5	------	155.9	--------
Davos	169.7	------	154.2	-------
KWS Odorico	174.1	-------	143.8	----
DKC 3218	176.9	--------	158.2	---------
KXB9315	176.8	--------	162.1	----------
SB0069	167.3	-----	158.6	---------
X80P548	161.6	----	145.0	----
LZM168/47	169.7	------	163.2	----------
Emeleen	169.0	------	161.3	----------
ES Yakari	173.6	-------	157.7	---------
LG 30222	156.2	--	150.9	------
SY Amboss	164.7	-----	137.8	--
DKC 2978	158.8	---	134.1	-
Kaprilias	171.6	-------	141.0	---
LG 31207	170.5	------	158.1	---------
KWS Papageno	173.3	-------	152.7	-------
Hulk	163.2	----	154.8	--------
Amaroc	185.3	----------	156.1	--------
-Bezugsgrösse(n)	169.8	------	151.4	-------
Versuchs-Mittel	168.5	------	150.6	------
VK [%]	4.0		4.0	
KGD (5%)	11.5		10.2	
KGD (1%)	15.6		13.8	
Versuchs-Streuung	6.8		6.0	
FG Fehlerterm	24.0		24.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	80.3	-----	72.6	---	79.6	----	80.4	-----	85.6	-----
Spyci CS	79.5	----	79.3	------	85.9	------	77.1	----	80.6	---
Karibous	82.8	------	83.6	-------	80.7	----	83.5	------	84.3	-----
Amanova	84.7	-------	87.2	---------	90.7	--------	86.9	-------	80.8	----
LG 31205	83.9	-------	75.2	----	94.0	---------	84.8	-------	93.7	--------
LG 31219	79.5	----	83.8	--------	88.7	-------	76.6	----	80.3	---
KWS Damario	84.0	-------	89.6	----------	95.2	---------	78.1	----	80.7	----
ES Piccard	78.1	---	72.9	---	93.1	---------	65.8	-	83.7	----
Davos	84.6	-------	73.6	---	95.2	---------	86.1	-------	87.8	------
KWS Odorico	90.3	----------	88.5	---------	93.3	---------	97.4	----------	102.3	----------
DKC 3218	82.9	------	78.0	-----	83.6	-----	77.4	----	95.4	--------
KXB9315	81.1	-----	77.8	-----	84.7	------	76.0	----	86.8	------
SB0069	79.1	----	77.2	-----	83.4	-----	73.8	---	82.7	----
X80P548	75.6	--	79.4	------	78.5	----	66.3	-	71.9	-
LZM168/47	87.9	---------	86.2	---------	99.4	----------	83.9	------	92.8	-------
Emeleen	85.3	--------	79.4	------	94.0	---------	82.9	------	89.4	------
ES Yakari	79.8	----	79.1	------	85.1	------	70.6	--	84.5	-----
LG 30222	78.4	----	84.2	--------	78.8	----	71.2	--	83.3	----
SY Amboss	75.9	--	83.8	--------	78.2	----	69.4	--	80.2	---
DKC 2978	73.2	-	76.0	----	69.0	-	67.3	-	76.2	--
Kaprilias	79.7	----	77.8	-----	71.6	-	82.2	------	93.7	--------
LG 31207	89.5	----------	91.1	----------	96.4	----------	93.4	---------	89.6	------
KWS Papageno	86.1	--------	85.2	--------	94.3	---------	82.6	------	88.0	------
Hulk	77.3	---	67.2	-	95.3	---------	71.2	--	83.3	----
Amaroc	85.9	--------	85.3	--------	90.3	--------	79.2	-----	93.1	--------
-Bezugsgrösse(n)	82.5	------	79.9	------	85.1	------	83.7	------	83.2	----
Versuchs-Mittel	81.8	------	80.6	------	87.2	-------	78.6	-----	86.0	-----
VK [%]	9.1		7.7		13.0		6.4		8.1	
KGD (5%)	4.9		10.1		ns		8.3		11.7	
KGD (1%)	6.4		13.5		ns		11.1		15.9	
Versuchs-Streuung	7.4		6.2		11.3		5.1		7.0	
FG Fehlerterm	216.0		48.0		48.0		48.0		24.0	
Anz. Beob.	18.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	8364.5	24	6.32	***	1.57	0.0000
Anbauorte	10013.6	5	36.31	***	2.26	0.0000
WW Verf.*Anb.Orte	9837.6	120	1.49	ns	1.30	
Fehler	11912.7	216				
Insgesamt	40128.3	365				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH	
LG 31211	87.2	-------	76.1	-------
Spyci CS	83.6	----	70.3	----
Karibous	91.2	---------	73.3	-----
Amanova	86.3	------	76.4	-------
LG 31205	81.7	---	73.9	------
LG 31219	80.1	--	67.5	--
KWS Damario	89.6	--------	70.7	----
ES Piccard	81.9	---	71.1	----
Davos	89.4	--------	75.4	------
KWS Odorico	89.4	--------	71.0	----
DKC 3218	86.3	------	76.6	-------
KXB9315	84.0	----	77.1	-------
SB0069	79.5	-	78.1	--------
X80P548	86.2	------	71.5	----
LZM168/47	81.5	---	83.3	----------
Emeleen	84.3	----	81.9	----------
ES Yakari	86.2	------	73.4	-----
LG 30222	78.6	-	74.3	------
SY Amboss	79.8	-	64.1	-
DKC 2978	81.5	---	69.2	---
Kaprilias	84.3	----	68.5	---
LG 31207	85.3	-----	80.9	---------
KWS Papageno	90.3	---------	76.3	-------
Hulk	79.8	-	66.9	--
Amaroc	93.2	----------	74.6	------
-Bezugsgrösse(n)	86.8	------	76.3	-------
Versuchs-Mittel	84.9	-----	73.7	------
VK [%]	7.5		6.8	
KGD (5%)	ns		8.4	
KGD (1%)	ns		11.4	
Versuchs-Streuung	6.4		5.0	
FG Fehlerterm	24.0		24.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	717.2	-----	701.0	-	691.3	-----	708.3	------	720.2	----
Spyci CS	714.4	-----	715.3	---	696.7	------	706.7	------	739.6	-------
Karibous	720.3	------	731.7	------	692.0	-----	709.3	------	724.5	----
Amanova	724.5	-------	738.7	-------	701.3	-------	705.0	------	750.7	--------
LG 31205	718.6	------	728.0	-----	679.3	--	710.7	------	729.8	-----
LG 31219	721.7	-------	756.0	----------	696.7	------	706.7	------	722.5	----
KWS Damario	720.6	------	726.3	-----	699.7	-------	695.7	-----	726.9	-----
ES Piccard	698.9	-	721.0	----	681.3	---	662.3	-	723.1	----
Davos	713.6	-----	721.0	----	670.3	-	704.7	------	714.3	---
KWS Odorico	739.7	----------	751.7	---------	706.3	--------	738.3	----------	764.9	----------
DKC 3218	711.6	----	719.7	----	696.0	------	695.3	-----	712.1	--
KXB9315	711.0	----	728.0	-----	682.7	---	702.7	------	718.5	---
SB0069	695.6	-	714.7	---	670.7	-	684.0	---	700.0	-
X80P548	733.2	---------	761.3	----------	708.3	---------	690.3	----	731.6	-----
LZM168/47	723.8	-------	740.0	-------	694.7	------	717.7	-------	725.6	-----
Emeleen	719.3	------	729.3	-----	697.7	------	714.0	-------	723.7	----
ES Yakari	721.0	------	738.7	-------	679.7	---	692.3	----	724.1	----
LG 30222	711.7	----	739.7	-------	689.0	-----	698.7	-----	713.1	---
SY Amboss	697.9	-	716.3	---	674.0	-	665.0	-	705.0	-
DKC 2978	714.7	-----	750.3	---------	674.3	-	703.0	------	702.8	-
Kaprilias	720.4	------	732.3	------	681.0	---	714.0	-------	729.1	-----
LG 31207	724.9	-------	748.7	---------	699.7	-------	744.3	----------	715.0	---
KWS Papageno	730.4	--------	755.3	----------	699.7	-------	723.3	--------	732.6	------
Hulk	716.8	-----	722.7	----	718.0	----------	697.3	-----	713.4	---
Amaroc	714.9	-----	727.7	-----	678.7	--	706.0	------	724.2	----
-Bezugsgrösse(n)	720.8	------	719.8	----	696.3	------	706.7	------	735.4	------
Versuchs-Mittel	717.5	------	732.6	------	690.4	-----	703.8	------	723.5	----
VK [%]	2.3		2.2		2.9		2.2		2.1	
KGD (5%)	10.0		26.1		ns		25.2		26.2	
KGD (1%)	13.2		34.8		ns		33.6		ns	
Versuchs-Streuung	16.4		15.9		20.2		15.3		15.5	
FG Fehlerterm	264.0		48.0		48.0		48.0		24.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	51790.8	24	7.99	***	1.56	0.0000
Anbauorte	188026.8	6	116.03	***	2.14	0.0000
WW Verf.*Anb.Orte	55057.2	144	1.42	ns	1.27	
Fehler	71302.9	264				
Insgesamt	366177.8	438				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	746.0	----------	755.3	--------	698.2	-------
Spyci CS	716.5	----	739.7	-----	686.4	-----
Karibous	743.8	----------	747.0	------	694.0	------
Amanova	723.5	-----	754.0	-------	698.1	-------
LG 31205	722.2	-----	753.3	-------	706.8	--------
LG 31219	727.0	------	744.3	-----	699.1	-------
KWS Damario	738.6	--------	761.3	---------	695.9	------
ES Piccard	704.0	-	725.0	--	675.3	----
Davos	733.9	--------	750.3	-------	700.6	-------
KWS Odorico	729.6	-------	762.3	---------	724.6	----------
DKC 3218	704.9	--	751.7	-------	701.6	-------
KXB9315	701.8	-	744.0	-----	699.4	-------
SB0069	699.7	-	746.3	------	653.8	-
X80P548	749.0	----------	769.7	----------	721.9	----------
LZM168/47	727.4	------	760.7	---------	700.6	-------
Emeleen	718.4	----	756.7	--------	695.2	------
ES Yakari	731.6	-------	754.3	--------	726.7	----------
LG 30222	720.2	-----	740.7	-----	680.4	----
SY Amboss	720.1	-----	720.0	-	685.1	-----
DKC 2978	724.4	------	751.0	-------	697.1	-------
Kaprilias	721.3	-----	746.7	------	718.2	---------
LG 31207	717.9	----	744.3	-----	704.1	-------
KWS Papageno	746.3	----------	746.0	------	709.3	--------
Hulk	727.3	------	730.7	---	708.3	--------
Amaroc	714.3	----	749.7	-------	703.6	-------
-Bezugsgrösse(n)	734.8	--------	754.7	--------	698.1	-------
Versuchs-Mittel	724.4	------	748.2	------	699.4	-------
VK [%]	2.2		1.9		2.4	
KGD (5%)	26.9		23.1		28.5	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	16.0		14.0		16.9	
FG Fehlerterm	24.0		48.0		24.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	377.9	------	350.3	-	391.3	----	385.7	-------	383.7	----
Spyci CS	383.5	-------	392.3	-----	418.7	--------	394.7	--------	390.8	-----
Karibous	396.7	---------	425.3	--------	410.7	-------	410.0	----------	396.2	------
Amanova	391.8	--------	410.0	-------	422.0	---------	399.7	---------	390.0	-----
LG 31205	395.7	---------	409.7	-------	427.7	----------	387.3	-------	405.1	-------
LG 31219	393.2	---------	446.3	----------	419.3	---------	383.0	-------	389.7	-----
KWS Damario	384.7	-------	401.3	------	432.7	----------	369.7	------	380.9	----
ES Piccard	353.6	--	381.0	----	410.3	-------	312.3	-	371.0	---
Davos	383.9	-------	397.7	------	409.0	-------	378.0	-------	380.0	----
KWS Odorico	405.3	----------	405.0	------	430.7	----------	421.3	----------	427.6	----------
DKC 3218	367.9	----	370.7	---	395.0	-----	364.3	-----	377.0	----
KXB9315	353.6	--	367.7	--	367.0	-	344.3	----	355.7	-
SB0069	344.0	-	352.7	-	378.0	--	339.3	---	361.0	-
X80P548	397.2	---------	430.0	---------	419.7	---------	360.3	-----	393.5	------
LZM168/47	386.7	--------	396.3	-----	431.0	----------	373.7	------	396.0	------
Emeleen	381.7	-------	394.3	-----	422.7	---------	365.0	-----	382.0	----
ES Yakari	370.2	-----	379.3	----	406.0	-------	343.0	---	394.8	------
LG 30222	377.1	------	402.0	------	409.0	-------	363.0	-----	385.6	-----
SY Amboss	357.6	---	374.3	---	403.7	------	330.7	--	365.5	--
DKC 2978	382.4	-------	409.0	-------	397.0	-----	351.7	----	377.6	----
Kaprilias	379.7	------	390.7	-----	381.0	---	386.7	-------	393.9	------
LG 31207	387.3	--------	405.0	------	398.7	-----	413.7	----------	379.8	----
KWS Papageno	394.4	---------	423.3	--------	410.7	-------	382.7	-------	408.6	--------
Hulk	358.6	---	349.3	-	389.7	----	356.3	-----	359.9	-
Amaroc	375.9	------	386.3	----	382.0	---	366.7	------	400.4	-------
-Bezugsgrösse(n)	384.8	-------	380.2	----	406.7	-------	392.7	--------	386.9	-----
Versuchs-Mittel	379.2	------	394.0	-----	406.5	-------	371.3	------	385.9	-----
VK [%]	5.4		4.4		6.3		5.0		4.5	
KGD (5%)	12.4		28.6		ns		30.4		29.5	
KGD (1%)	16.4		38.1		ns		40.5		ns	
Versuchs-Streuung	20.5		17.4		25.6		18.5		17.5	
FG Fehlerterm	312.0		48.0		48.0		48.0		24.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	126895.1	24	12.63	***	1.55	0.0000
Anbauorte	122061.3	6	48.60	***	2.13	0.0000
WW Verf.*Anb.Orte	102596.4	144	1.70	ns	1.26	
Fehler	130595.3	312				
Insgesamt	482148.1	486				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	389.7	---------	377.7	---------	366.7	--------
Spyci CS	368.7	------	379.0	---------	340.7	------
Karibous	389.7	---------	375.3	--------	369.7	--------
Amanova	361.7	-----	382.3	---------	376.7	---------
LG 31205	378.3	--------	381.3	---------	380.3	---------
LG 31219	392.3	----------	364.0	-------	358.0	-------
KWS Damario	374.7	-------	369.0	--------	364.7	--------
ES Piccard	343.0	---	333.0	---	324.3	----
Davos	380.3	--------	364.0	-------	378.7	---------
KWS Odorico	379.3	--------	381.0	---------	392.3	----------
DKC 3218	340.0	--	359.0	------	369.0	--------
KXB9315	333.3	-	348.3	-----	359.0	-------
SB0069	328.0	-	365.3	-------	284.0	-
X80P548	399.7	----------	382.7	---------	394.3	----------
LZM168/47	357.0	-----	392.0	----------	360.7	--------
Emeleen	359.7	-----	382.7	---------	365.3	--------
ES Yakari	357.0	-----	349.3	-----	362.0	--------
LG 30222	364.0	------	365.0	-------	351.0	-------
SY Amboss	344.3	---	340.7	----	344.3	------
DKC 2978	371.0	-------	383.7	----------	387.0	----------
Kaprilias	348.0	---	365.0	-------	392.7	----------
LG 31207	362.3	-----	376.3	---------	375.0	---------
KWS Papageno	392.3	----------	369.3	--------	373.7	---------
Hulk	354.0	----	313.3	-	387.3	----------
Amaroc	366.0	------	359.0	------	370.7	--------
-Bezugsgrösse(n)	375.7	-------	380.0	---------	371.7	---------
Versuchs-Mittel	365.4	------	366.3	-------	365.1	--------
VK [%]	5.8		5.3		5.7	
KGD (5%)	34.7		32.1		34.3	
KGD (1%)	46.3		42.9		45.7	
Versuchs-Streuung	21.1		19.6		20.9	
FG Fehlerterm	48.0		48.0		48.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	149.2	------	164.0	----------	152.7	--------	145.0	---	148.3	-----
Spyci CS	145.6	----	147.3	-------	141.0	----	144.0	---	142.0	--
Karibous	140.7	--	130.3	--	142.7	----	145.7	---	139.7	-
Amanova	139.6	-	130.3	--	135.7	--	139.3	--	142.0	--
LG 31205	142.1	--	138.0	----	136.0	--	147.3	----	139.0	-
LG 31219	143.5	---	123.0	-	140.3	----	152.3	-----	149.3	-----
KWS Damario	144.6	----	137.7	----	132.7	-	156.3	------	154.0	-------
ES Piccard	159.9	----------	153.0	--------	140.0	---	177.3	----------	160.3	----------
Davos	148.5	-----	143.7	------	145.0	-----	154.7	-----	154.7	--------
KWS Odorico	141.3	--	139.7	-----	142.0	----	140.0	--	140.7	--
DKC 3218	150.9	------	150.3	-------	141.3	----	156.3	------	151.3	------
KXB9315	156.4	---------	152.7	--------	152.0	--------	162.0	-------	162.0	----------
SB0069	155.2	--------	157.3	---------	148.3	-------	151.7	-----	155.7	--------
X80P548	151.4	-------	140.0	-----	148.0	-------	166.0	--------	158.7	---------
LZM168/47	145.1	----	138.3	----	134.0	-	150.3	----	149.7	-----
Emeleen	146.3	----	141.3	-----	135.0	--	156.0	------	153.7	-------
ES Yakari	151.3	-------	147.0	------	144.3	-----	162.7	-------	153.0	-------
LG 30222	148.3	-----	140.0	-----	142.7	----	151.0	----	151.7	------
SY Amboss	155.1	--------	150.0	-------	144.0	-----	164.0	-------	156.7	--------
DKC 2978	148.8	------	136.0	----	151.7	--------	156.0	------	158.3	---------
Kaprilias	146.8	-----	139.0	-----	157.0	----------	147.7	----	146.0	----
LG 31207	145.0	----	137.0	----	150.3	-------	134.7	-	154.7	--------
KWS Papageno	138.0	-	125.0	-	139.7	---	141.3	--	138.0	-
Hulk	153.1	-------	158.3	---------	146.3	------	163.0	-------	157.0	---------
Amaroc	152.3	-------	149.0	-------	158.3	----------	152.0	-----	149.0	-----
-Bezugsgrösse(n)	144.4	----	147.2	------	144.2	-----	142.2	--	145.2	----
Versuchs-Mittel	148.0	-----	142.7	-----	144.0	-----	152.7	-----	150.6	------
VK [%]	6.0		5.1		9.0		5.5		5.1	
KGD (5%)	5.4		12.0		ns		13.8		12.6	
KGD (1%)	7.1		16.0		ns		18.4		16.8	
Versuchs-Streuung	8.9		7.3		13.0		8.4		7.7	
FG Fehlerterm	312.0		48.0		48.0		48.0		48.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	15852.9	24	8.36	***	1.55	0.0000
Anbauorte	8808.1	6	18.58	***	2.13	0.0000
WW Verf.*Anb.Orte	16907.3	144	1.49	ns	1.26	
Fehler	24656.9	312				
Insgesamt	66225.2	486				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	139.0	--	140.0	--	155.7	-----
Spyci CS	145.5	-----	138.7	--	160.7	------
Karibous	134.1	-	143.0	----	149.3	---
Amanova	146.2	-----	137.0	-	147.0	--
LG 31205	143.8	----	141.3	---	149.3	---
LG 31219	137.6	--	145.7	-----	156.0	-----
KWS Damario	139.5	---	140.0	--	152.0	----
ES Piccard	158.9	----------	157.0	----------	173.0	---------
Davos	145.1	-----	143.7	----	153.0	----
KWS Odorico	144.4	----	140.0	--	142.0	-
DKC 3218	155.9	---------	145.0	-----	156.0	-----
KXB9315	161.2	----------	147.3	------	157.3	-----
SB0069	155.2	--------	140.7	---	177.3	----------
X80P548	146.1	-----	145.0	-----	156.3	-----
LZM168/47	151.2	-------	136.3	-	156.0	-----
Emeleen	149.0	------	140.0	--	149.3	---
ES Yakari	146.8	-----	149.7	-------	155.7	-----
LG 30222	146.5	-----	146.7	------	159.7	------
SY Amboss	155.7	---------	155.3	----------	160.0	------
DKC 2978	149.9	------	140.3	---	149.7	---
Kaprilias	152.4	-------	145.0	-----	140.7	-
LG 31207	147.7	------	143.3	----	147.3	--
KWS Papageno	134.6	-	142.7	----	145.0	--
Hulk	149.3	------	154.0	---------	143.7	-
Amaroc	153.8	--------	153.3	---------	150.7	---
-Bezugsgrösse(n)	142.6	----	138.5	--	151.3	----
Versuchs-Mittel	147.6	------	144.4	-----	153.7	----
VK [%]	5.6		5.2		5.5	
KGD (5%)	14.0		ns		13.9	
KGD (1%)	ns		ns		18.6	
Versuchs-Streuung	8.3		7.5		8.5	
FG Fehlerterm	24.0		48.0		48.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	339.2	------	371.7	----------	370.3	----------	308.0	---	327.0	-----
Spyci CS	330.9	----	346.3	-------	350.0	-------	318.7	----	314.0	---
Karibous	319.2	-	316.0	--	340.3	-----	314.0	----	303.7	-
Amanova	321.2	--	323.7	---	339.0	-----	313.3	----	309.0	--
LG 31205	323.3	--	336.0	-----	337.0	-----	310.3	---	299.3	-
LG 31219	325.1	---	308.0	-	338.0	-----	315.7	----	336.0	-------
KWS Damario	327.0	---	330.3	----	326.0	---	322.7	-----	348.0	---------
ES Piccard	357.5	----------	360.7	---------	349.3	-------	364.0	----------	357.3	----------
Davos	331.5	----	340.7	------	355.3	--------	317.7	----	336.3	-------
KWS Odorico	316.9	-	330.3	----	341.3	------	290.7	-	314.0	---
DKC 3218	341.4	------	357.3	--------	342.3	------	329.3	------	335.7	-------
KXB9315	347.5	--------	360.7	---------	356.0	--------	339.7	-------	351.7	----------
SB0069	355.3	----------	374.3	----------	363.7	---------	331.0	------	344.3	--------
X80P548	332.9	----	333.0	-----	357.7	--------	338.7	-------	342.0	--------
LZM168/47	329.5	----	342.0	------	331.3	----	318.0	----	329.7	------
Emeleen	334.5	-----	348.7	-------	340.0	-----	329.7	------	340.3	--------
ES Yakari	339.1	------	345.3	------	348.7	-------	336.7	-------	337.3	-------
LG 30222	341.9	-------	343.0	------	354.7	--------	328.0	------	344.7	--------
SY Amboss	359.0	----------	365.7	---------	366.0	----------	355.7	---------	348.0	---------
DKC 2978	337.7	------	337.3	-----	372.7	----------	324.3	-----	350.7	---------
Kaprilias	334.6	-----	345.0	------	366.7	----------	316.3	----	320.7	----
LG 31207	332.4	----	333.3	-----	354.7	--------	291.0	-	348.7	---------
KWS Papageno	317.8	-	305.7	-	339.7	-----	301.0	--	316.3	----
Hulk	337.5	------	364.0	---------	309.7	-	336.3	-------	351.7	----------
Amaroc	343.6	-------	337.3	-----	371.3	----------	318.7	----	338.0	-------
-Bezugsgrösse(n)	330.2	----	347.7	-------	354.7	--------	310.7	---	318.0	----
Versuchs-Mittel	335.1	-----	342.3	------	348.9	-------	322.8	-----	333.8	-------
VK [%]	5.2		4.3		5.9		5.8		4.8	
KGD (5%)	10.5		23.9		ns		30.7		26.4	
KGD (1%)	13.8		31.9		ns		40.9		35.2	
Versuchs-Streuung	17.3		14.6		20.8		18.7		16.1	
FG Fehlerterm	312.0		48.0		48.0		48.0		48.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	69234.8	24	9.63	***	1.55	0.0000
Anbauorte	113724.9	6	63.29	***	2.13	0.0000
WW Verf.*Anb.Orte	63906.2	144	1.48	ns	1.26	
Fehler	93439.4	312				
Insgesamt	340305.3	486				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	316.1	---	318.3	------	362.7	----
Spyci CS	323.0	----	300.3	--	364.0	----
Karibous	305.9	-	309.3	----	345.0	--
Amanova	326.2	-----	298.0	--	339.3	--
LG 31205	326.5	-----	313.0	-----	341.0	--
LG 31219	309.8	--	313.3	-----	354.7	---
KWS Damario	312.8	--	306.0	---	343.3	--
ES Piccard	346.1	---------	338.0	----------	387.3	-------
Davos	310.4	--	312.7	-----	347.7	---
KWS Odorico	310.9	--	301.0	--	330.0	-
DKC 3218	345.2	---------	314.7	-----	365.0	----
KXB9315	345.1	---------	313.3	-----	366.0	-----
SB0069	339.6	--------	313.3	-----	421.0	----------
X80P548	305.9	-	300.7	--	352.7	---
LZM168/47	325.8	-----	298.7	--	360.7	----
Emeleen	326.9	-----	303.7	---	352.3	---
ES Yakari	325.2	-----	319.3	------	361.3	----
LG 30222	332.6	------	315.7	-----	375.0	------
SY Amboss	354.1	----------	342.3	----------	381.0	------
DKC 2978	333.4	------	293.0	-	352.3	---
Kaprilias	342.8	--------	310.3	----	340.3	--
LG 31207	338.4	-------	312.3	-----	348.7	---
KWS Papageno	305.2	-	310.3	----	346.3	--
Hulk	323.4	----	325.7	-------	352.0	---
Amaroc	343.4	--------	327.0	-------	369.7	-----
-Bezugsgrösse(n)	321.1	----	308.2	----	351.0	---
Versuchs-Mittel	327.0	-----	312.4	-----	358.4	----
VK [%]	5.0		5.1		4.9	
KGD (5%)	27.6		ns		28.9	
KGD (1%)	ns		ns		38.5	
Versuchs-Streuung	16.4		15.9		17.6	
FG Fehlerterm	24.0		48.0		48.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	63.5	---	60.3	--	56.0	----	58.3	--	70.1	------
Spyci CS	64.6	----	63.0	----	58.3	------	57.3	-	70.3	------
Karibous	65.8	-----	64.0	-----	58.7	------	63.3	-----	71.3	-------
Amanova	62.2	-	63.0	----	52.7	---	56.3	-	67.2	---
LG 31205	64.6	----	63.7	-----	50.7	--	66.3	-------	70.4	------
LG 31219	65.3	-----	65.0	------	53.3	---	68.7	--------	69.3	-----
KWS Damario	64.5	----	63.7	-----	52.0	--	69.0	---------	69.4	-----
ES Piccard	68.9	---------	67.3	--------	56.7	-----	70.0	---------	74.2	----------
Davos	66.1	------	67.0	--------	56.0	----	70.3	---------	70.8	-------
KWS Odorico	68.4	--------	69.0	----------	60.7	-------	70.7	----------	72.8	---------
DKC 3218	63.8	---	63.3	----	54.7	----	67.0	-------	66.7	--
KXB9315	64.0	---	61.3	--	58.3	------	67.0	-------	66.3	--
SB0069	62.9	--	61.7	---	54.0	---	65.3	------	69.3	-----
X80P548	65.2	-----	62.7	----	55.0	----	70.3	---------	69.8	------
LZM168/47	61.4	-	62.7	----	48.7	-	63.0	-----	66.8	---
Emeleen	65.4	-----	66.0	-------	55.0	----	66.7	-------	70.6	-------
ES Yakari	68.3	--------	69.3	----------	55.0	----	70.3	---------	72.9	---------
LG 30222	67.6	-------	68.0	---------	60.3	-------	69.0	---------	70.7	-------
SY Amboss	66.1	------	65.3	------	57.3	-----	70.0	---------	70.0	------
DKC 2978	64.0	---	65.3	------	53.7	---	65.7	------	65.0	-
Kaprilias	66.6	------	65.7	-------	62.7	--------	69.7	---------	69.7	------
LG 31207	65.7	-----	66.7	-------	60.0	-------	66.0	-------	71.6	--------
KWS Papageno	66.2	------	63.7	-----	58.7	------	64.3	------	73.4	----------
Hulk	70.5	----------	70.0	----------	67.7	----------	72.3	----------	73.2	---------
Amaroc	63.7	---	59.3	-	58.7	------	66.3	-------	70.0	------
-Bezugsgrösse(n)	62.8	--	61.7	---	54.3	----	57.3	-	68.6	-----
Versuchs-Mittel	65.4	-----	64.7	------	56.6	-----	66.5	-------	70.1	------
VK [%]	4.3		3.9		6.4		5.6		2.7	
KGD (5%)	1.7		4.1		5.9		6.1		3.2	
KGD (1%)	2.2		5.5		7.9		8.1		4.4	
Versuchs-Streuung	2.8		2.5		3.6		3.7		1.9	
FG Fehlerterm	264.0		48.0		48.0		48.0		24.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	2320.2	24	12.25	***	1.56	0.0000
Anbauorte	9153.5	6	193.25	***	2.14	0.0000
WW Verf.*Anb.Orte	2449.5	144	2.15	***	1.27	0.0003
Fehler	2084.1	264				
Insgesamt	16007.3	438				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	68.0	------	68.3	-----	63.2	-----
Spyci CS	69.3	--------	69.7	------	64.5	------
Karibous	71.7	----------	70.5	-------	61.4	---
Amanova	64.7	--	68.6	-----	62.9	-----
LG 31205	71.0	---------	65.4	--	65.1	-------
LG 31219	68.0	------	67.9	-----	65.0	------
KWS Damario	66.0	----	68.4	-----	63.1	-----
ES Piccard	72.0	----------	72.6	---------	69.3	----------
Davos	68.3	-------	67.3	----	63.2	-----
KWS Odorico	70.7	---------	70.9	-------	63.8	-----
DKC 3218	63.0	-	67.7	----	64.2	------
KXB9315	65.0	---	66.5	---	63.4	-----
SB0069	66.3	----	65.2	--	58.8	-
X80P548	64.0	--	69.0	------	65.4	-------
LZM168/47	63.3	-	63.4	-	62.2	----
Emeleen	67.3	-----	68.9	------	63.1	-----
ES Yakari	69.0	-------	73.4	----------	68.0	---------
LG 30222	69.3	--------	70.4	-------	65.7	-------
SY Amboss	67.0	-----	69.8	------	63.1	-----
DKC 2978	68.0	------	68.9	------	61.7	---
Kaprilias	67.3	-----	69.9	-------	61.0	---
LG 31207	65.3	---	68.9	------	61.4	---
KWS Papageno	68.0	------	72.7	---------	62.9	----
Hulk	70.7	---------	74.4	----------	65.3	-------
Amaroc	64.7	--	66.2	---	61.0	---
-Bezugsgrösse(n)	66.3	----	68.4	-----	63.1	-----
Versuchs-Mittel	67.5	------	69.0	------	63.5	-----
VK [%]	3.3		3.0		2.9	
KGD (5%)	3.6		3.5		3.1	
KGD (1%)	4.8		4.8		4.2	
Versuchs-Streuung	2.2		2.1		1.8	
FG Fehlerterm	48.0		24.0		24.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	6.5	-----	6.3	-	6.2	-----	6.4	------	6.6	----
Spyci CS	6.5	-----	6.5	---	6.3	------	6.4	------	6.8	------
Karibous	6.6	------	6.7	------	6.3	-----	6.5	------	6.6	----
Amanova	6.6	-------	6.8	--------	6.4	-------	6.4	------	6.9	--------
LG 31205	6.6	------	6.7	------	6.1	--	6.5	------	6.7	-----
LG 31219	6.6	------	7.0	----------	6.3	------	6.4	------	6.6	----
KWS Damario	6.6	------	6.6	-----	6.4	-------	6.3	-----	6.6	-----
ES Piccard	6.3	-	6.6	----	6.1	---	5.9	-	6.6	----
Davos	6.5	----	6.6	----	6.0	-	6.4	------	6.5	--
KWS Odorico	6.8	----------	6.9	---------	6.4	--------	6.8	----------	7.1	----------
DKC 3218	6.5	----	6.5	----	6.3	------	6.3	----	6.5	--
KXB9315	6.5	----	6.7	------	6.1	---	6.4	------	6.5	---
SB0069	6.3	-	6.5	---	6.0	-	6.2	---	6.4	-
X80P548	6.7	---------	7.0	----------	6.4	--------	6.2	----	6.7	------
LZM168/47	6.6	-------	6.8	--------	6.3	-----	6.5	-------	6.7	-----
Emeleen	6.6	------	6.7	------	6.3	------	6.5	-------	6.6	----
ES Yakari	6.6	------	6.8	-------	6.1	---	6.3	----	6.6	----
LG 30222	6.5	----	6.8	--------	6.2	----	6.3	-----	6.5	--
SY Amboss	6.3	-	6.5	----	6.0	-	6.0	-	6.4	-
DKC 2978	6.5	-----	6.9	----------	6.1	--	6.4	------	6.4	-
Kaprilias	6.6	------	6.7	------	6.1	--	6.5	-------	6.7	-----
LG 31207	6.6	-------	6.9	---------	6.3	------	6.9	----------	6.5	---
KWS Papageno	6.7	--------	7.0	----------	6.4	-------	6.6	--------	6.7	-----
Hulk	6.5	-----	6.6	-----	6.6	----------	6.3	-----	6.5	--
Amaroc	6.5	-----	6.6	-----	6.1	---	6.4	------	6.6	----
-Bezugsgrösse(n)	6.6	------	6.6	----	6.3	------	6.4	------	6.7	------
Versuchs-Mittel	6.5	-----	6.7	------	6.2	-----	6.4	------	6.6	----
VK [%]	2.9		2.7		3.6		2.8		2.6	
KGD (5%)	0.1		0.3		ns		0.3		0.3	
KGD (1%)	0.2		0.4		ns		0.4		0.4	
Versuchs-Streuung	0.2		0.2		0.2		0.2		0.2	
FG Fehlerterm	264.0		48.0		48.0		48.0		24.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	6.3	24	7.49	***	1.56	0.0000
Anbauorte	23.6	6	112.20	***	2.14	0.0000
WW Verf.*Anb.Orte	7.2	144	1.42	ns	1.27	
Fehler	9.3	264				
Insgesamt	46.4	438				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	6.8	---------	7.0	--------	6.3	-------
Spyci CS	6.5	----	6.8	-----	6.2	-----
Karibous	6.8	---------	6.9	------	6.3	------
Amanova	6.6	-----	6.9	-------	6.3	------
LG 31205	6.6	-----	7.0	--------	6.4	--------
LG 31219	6.6	------	6.8	-----	6.3	-------
KWS Damario	6.8	--------	7.0	---------	6.3	------
ES Piccard	6.4	-	6.6	--	6.1	----
Davos	6.7	-------	6.9	------	6.3	-------
KWS Odorico	6.7	-------	7.0	---------	6.6	----------
DKC 3218	6.4	--	6.9	-------	6.3	-------
KXB9315	6.3	-	6.9	------	6.3	-------
SB0069	6.4	-	6.9	------	5.9	-
X80P548	6.9	----------	7.1	----------	6.6	----------
LZM168/47	6.6	------	7.0	---------	6.3	-------
Emeleen	6.6	----	7.0	--------	6.3	------
ES Yakari	6.7	-------	7.0	--------	6.6	----------
LG 30222	6.6	-----	6.8	-----	6.1	----
SY Amboss	6.6	-----	6.6	-	6.2	----
DKC 2978	6.6	------	6.9	-------	6.3	------
Kaprilias	6.6	-----	6.9	------	6.5	---------
LG 31207	6.5	----	6.8	-----	6.4	--------
KWS Papageno	6.9	----------	6.9	------	6.4	--------
Hulk	6.6	-----	6.7	---	6.4	--------
Amaroc	6.5	---	6.9	------	6.4	--------
-Bezugsgrösse(n)	6.7	-------	7.0	-------	6.3	-------
Versuchs-Mittel	6.6	-----	6.9	------	6.3	-------
VK [%]	2.8		2.4		3.1	
KGD (5%)	0.3		0.3		0.3	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	0.2		0.2		0.2	
FG Fehlerterm	24.0		48.0		24.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 31211	6.8	------	6.5	-	6.4	-----	6.6	------	6.8	----
Spyci CS	6.7	-----	6.7	---	6.5	------	6.6	------	7.1	-------
Karibous	6.8	------	7.0	------	6.4	-----	6.7	------	6.9	-----
Amanova	6.9	-------	7.1	-------	6.5	-------	6.6	-----	7.2	--------
LG 31205	6.8	------	6.9	-----	6.2	---	6.6	------	7.0	-----
LG 31219	6.8	------	7.3	---------	6.5	------	6.6	------	6.8	----
KWS Damario	6.8	------	6.9	----	6.5	------	6.5	-----	6.9	-----
ES Piccard	6.5	-	6.8	----	6.2	---	6.0	-	6.9	----
Davos	6.7	-----	6.8	----	6.1	-	6.6	-----	6.7	---
KWS Odorico	7.1	----------	7.3	---------	6.6	--------	7.1	----------	7.5	----------
DKC 3218	6.7	----	6.8	----	6.4	------	6.4	----	6.7	--
KXB9315	6.7	----	6.9	-----	6.2	---	6.6	-----	6.8	---
SB0069	6.4	-	6.7	---	6.1	-	6.3	---	6.5	-
X80P548	7.0	---------	7.4	----------	6.6	--------	6.4	----	6.9	-----
LZM168/47	6.9	-------	7.1	-------	6.4	-----	6.8	-------	6.9	----
Emeleen	6.8	------	6.9	-----	6.4	------	6.7	-------	6.9	----
ES Yakari	6.8	-------	7.1	-------	6.2	---	6.4	----	6.9	-----
LG 30222	6.7	----	7.0	------	6.3	----	6.5	-----	6.7	---
SY Amboss	6.5	-	6.7	---	6.1	--	6.0	-	6.6	--
DKC 2978	6.7	-----	7.2	--------	6.1	--	6.6	-----	6.6	-
Kaprilias	6.8	------	7.0	------	6.2	---	6.7	-------	6.9	-----
LG 31207	6.9	-------	7.2	--------	6.5	-------	7.2	----------	6.7	---
KWS Papageno	6.9	--------	7.3	----------	6.5	-------	6.8	--------	6.9	-----
Hulk	6.8	-----	6.8	----	6.8	----------	6.5	-----	6.7	---
Amaroc	6.7	-----	6.9	-----	6.2	---	6.6	------	6.9	----
-Bezugsgrösse(n)	6.8	------	6.8	----	6.5	------	6.6	------	7.0	------
Versuchs-Mittel	6.8	------	7.0	------	6.4	-----	6.6	-----	6.8	----
VK [%]	3.6		3.5		4.5		3.4		3.4	
KGD (5%)	0.1		0.4		ns		0.4		0.4	
KGD (1%)	0.2		0.5		ns		0.5		ns	
Versuchs-Streuung	0.2		0.2		0.3		0.2		0.2	
FG Fehlerterm	264.0		48.0		48.0		48.0		24.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	10.7	24	7.70	***	1.56	0.0000
Anbauorte	40.4	6	115.61	***	2.14	0.0000
WW Verf.*Anb.Orte	11.3	144	1.35	ns	1.27	
Fehler	15.4	264				
Insgesamt	77.8	438				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 31211	7.2	----------	7.3	-------	6.5	-------
Spyci CS	6.8	----	7.1	-----	6.3	-----
Karibous	7.1	----------	7.2	------	6.4	------
Amanova	6.9	------	7.3	--------	6.4	------
LG 31205	6.8	-----	7.3	-------	6.6	--------
LG 31219	6.9	------	7.2	------	6.5	-------
KWS Damario	7.1	---------	7.4	---------	6.4	------
ES Piccard	6.5	-	6.9	--	6.1	---
Davos	7.0	-------	7.2	-------	6.5	-------
KWS Odorico	6.9	-------	7.4	---------	6.8	----------
DKC 3218	6.6	-	7.3	-------	6.5	-------
KXB9315	6.5	-	7.2	------	6.5	------
SB0069	6.5	-	7.2	------	5.9	-
X80P548	7.2	----------	7.5	----------	6.8	----------
LZM168/47	6.9	------	7.4	---------	6.5	-------
Emeleen	6.8	-----	7.4	--------	6.4	------
ES Yakari	7.0	-------	7.3	--------	6.9	----------
LG 30222	6.8	----	7.1	-----	6.2	----
SY Amboss	6.8	-----	6.8	-	6.3	----
DKC 2978	6.9	------	7.2	-------	6.5	-------
Kaprilias	6.8	-----	7.2	------	6.7	---------
LG 31207	6.8	----	7.1	-----	6.6	--------
KWS Papageno	7.2	----------	7.2	------	6.6	--------
Hulk	6.9	------	7.0	---	6.7	--------
Amaroc	6.7	---	7.2	------	6.6	-------
-Bezugsgrösse(n)	7.0	--------	7.3	--------	6.5	------
Versuchs-Mittel	6.9	------	7.2	------	6.5	-------
VK [%]	3.4		2.9		3.8	
KGD (5%)	0.4		0.3		0.4	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	0.2		0.2		0.2	
FG Fehlerterm	24.0		48.0		24.0	
Anz. Beob.	3.0		3.0		3.0	

3.2 Serie mittelfrüh / *Série mi-précoce*

3.2.1 Standortangaben / *Informations des lieux*

			2020	
PLZ / N°p.	**Ort / Lieu**	**m.ü.M. / altitude**	**Saattermin / date de semis**	**Erntetermin / date de récolte**
1260	**Nyon**	**430**	**24.04.20**	**01.09.20**
1567	**Delley**	**511**	**19.05.20**	**18.09.20**
1725	**Grangeneuve (Posieux)**	**654**	**22.05.20**	**12.10.20**
3065	**Habstetten**	**690**	**19.05.20**	**01.10.20**
5643	**Alikon**	**494**	**27.04.20**	**17.09.20**
8046	**Reckenholz**	**440**	**23.04.20**	**09.09.20**
8193	**Eglisau**	**395**	**22.05.20**	**18.09.20**
8566	**Ellighausen**	**503**	**08.05.20**	**24.09.20**

3.2.2 Sorten und Status / *Variétés et statut*

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
LG 30248	LZM 162/73	SC	Limagrain Europe	Fenaco, Moudon		SM11/S
Benedictio KWS	KXB4138	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/S	SM11/S
SY Telias	SC1153	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/T	SM11/S
Severeen	LZM265/52	SC	Limagrain Europe	Fenaco, Moudon		SM11/S
Amaroc	KXB4136	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/S
LG 31237	LZM265/34	SC	Limagrain Europe	Fenaco, Moudon		SM11/S
ES Katamaran	ESZ7107	SC	Euralis Saaten GmbH	Fenaco, Moudon / Hauenstein, Rafz	KM11/e2	SM11/e2
LG 31245	LZM 267/55	SC	Limagrain Europe	Fenaco, Moudon		SM11/e2
KWS Jaro	KXB8133	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e2	SM11/e2
RGT Exxon	RH18055	TC	RAGT 2n, F	Fenaco, Moudon	KM11/e1	SM11/e1
DKC 3204	ET3284	SC	Monsanto, USA	Monsanto, Morges		SM11/e1
KWS Otto	KXB8203	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e1
	KXB9313	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e1
	KXB9314	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e1
	KXB9319	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM11/e1
	KXB9370	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM11/e1
SY Invictus	SA1228	SC	Syngenta, CH	Syngenta, Dielsdorf		SM11/e1
SY Vitamin	SA2058	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/e1	SM11/e1
Micheleen	LZM168/67	SC	Limagrain Europe	Fenaco, Moudon	KM11/e1	SM11/e1
	LZM269/49	TC	Limagrain Europe	Fenaco, Moudon		SM11/e1
LG 31272	LZM 267/54	SC	Limagrain Europe	Fenaco, Moudon	KM21/e2	SM11/e1
ES Bond	ESZ6207	SC	Euralis Saaten GmbH	Fenaco, Moudon / Hauenstein, Rafz		SM11/e1
CS Luxuri	CSM18161	SC	Caussade Semences			SM11/e1
	DFI48825	SC	DSP, Delley	DSP, Delley		SM11/1.
KWS Robertino	KXB6151	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/T
SY Talisman	SA1002	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/S	SM11/T
LG 31259	LZM265/32	SC	Limagrain Europe	Fenaco, Moudon		SM11/T
Gottardo KWS	KXB1157	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/S	SM11/T
Figaro	KXB3329	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/S	FS
KWS Damario	KXB7307	TC	KWS, Einbeck	KWS Suisse SA, Basel		FS

3.2.3 Standorteigenschaften und Bewirtschaftungsmassnahmen / *Informations sur les sites et techniques culturales*

Technische Versuchsangaben / données techniques / technical information								
Standort / lieu / site:	Nyon (430 m ü.M.)	Grangeneuve (630 m ü.M.)	Gletterens (479 m ü.M.)	Habstetten (690 m ü.M.)	Alikon (494 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (503 m ü.M.)
Bodenart / type de sol / soil type:	Limono sableux	Moyen	pH 7.1 15-20 % argile	Sandiger Lehm, pH 6.2	Schwach humoser Schlufflehm	Braunerde	Humos eher leicht	Braunerde
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):	16.07. irrigation: 35 mm; 28.07. irrigation: 30 mm; 385 mm 16647.9°C	317.6 mm 1524.2 °C °C (selon AgroMeteo, station Düdingen)	297.4 mm (selon AgroMeteo, station Delley) 1582.5 °C (selon AgroMeteo, station Delley)	610.6 mm 1471.9 °C (Station: Zäziwil)	619.7 mm 1679.9 °C (Station: Hohenrain)	432.4 mm 1571.7 °C	374.2 mm 1492.1 °C (AgroMeteo, Station Steinmaur)	358 mm 1578.2 °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 1.4m Weg (22.4m2 brutto), 10m2 netto	4reihig, mit 1.4m Weg (22.4m2 brutto), 10 m2 netto	Semé: 17 m2 per single plot (brut, avec chemin d'environ 1.1 m), 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 1.4m Weg (22.4m2 brutto), 10 m2 netto	15 m2 pro Parzelle brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto
Vorfrucht / précédent cultural / previous crop:	Blé d'hiver / winter wheat / Winterweizen	Prairie / Kunstwiese / temporary grassland	Pomme de terre	Mais / maïs / maize	Raps / Gründüngung (UFA Lepha) / Untersaat (UFA Maislegu 13kg/ha Saat im Juni)	Kunstwiese / prairie temporaire / temporary grassland	Zuckerrüben	Sonnenblumen
Bodenbearbeitung / travail du sol / soil cultivation:	Labour: 23.03.; herse à disques ,cultivateur et herse rotative: 23.04.	Pflug (04.05.20) und Kreiselegge (08.05.2020) / charrue et herse rotative / plough and rotary harrow	20.01.2020: Labour 18.05.2020: Herse rotative	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Streifenfrässaat	Pflug (24.01.20), Kulturegge (24.03.20), Kreiselegge (15.+22.04.20)	2x Grubber / Kreiselegge	Herbstfurche und Kreiselegge
Saat / date de semis / sowing date:	24.04.2020	22.05.2020	19.05.2020 (jour 140)	19.05.2020	27.04.2020	23.04.2020	22.05.2020	08.05.2020
Ernte / date de récolte / harvest date:	01.09.2020	12.10.2020	18.09.2020 (jour 262)	01.10.2020	17.09.2020	09.09.2020	18.09.2020	24.09.2020
Saatdichte / densité de semis / sowing density:	10.0 Körner / grains pro m2	10.0 Körner / grains pro m2	Semis: 11.9 grains pro m2, éclairci à 10 plantes/m2	10.0 Körner / grains pro m2	11 Körner / grains pro m2	11 Körner / grains pro m2	11 Körner / grains pro m2	11 Körner / grains pro m2
Vegetationsdauer / durée de vegetation / growing period	130 Tage / jours / days	143 Tage / jours / days	122 jours	135 Tage / jours / days	143 Tage / jours / days	139 Tage / jours / days	119 Tage / jours / days	139 Tage / jours / days
Reihenabstand / interlignes / row distance:	75 cm	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm	75 cm

Standort / lieu / site:	Nyon (430 m ü.M.)	Grangeneuve (630 m ü.M.)	Gletterens (479 m ü.M.)	Habstetten (711 m ü.M.)	Alikon (494 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (503 m ü.M.)
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-	-	-	-	12.06.2020 hacken zwischen den Reihen gekoppelt mit Düngung	-	-
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Gardo Gold 4 l/ ha, Banvel4S 0,5 l/ ha, Elumis 1,3 l/ ha (28.05.)	18.6.20: 1.5 l/ha Equip Power	12.06.2020: Elumis (1.2 L/ha) + Gardo Gold (4 L/ha) 25.06.2020: Banvel 4S (0.5 L/ha)	03.06.2020: Calaris 1.5 l/ha, Dual Gold 1.2 l/ha	Vor der Saat: Gründüngung gemulcht im im Herbst + Glyphosat 2.0l/ha im Frühling / In der Kultur: > 08.05. 1.5l/ha Equip Power + 1.4l/ha Spectrum	28.05.2020: Aspect 1.5l/ha, Laudis 2l/ha, Banvel 4S 0.5l/ha	Spectrum Gold 3 Liter ha + Laudis 1.5 Liter ha	27.5. Aspekt/Laudis/Banvel 4s
Grunddüngung / fumure de base / basic fertilisation:	Landor 0.20.30: 490 kg ha = 98 kg P2O5/ha, 147 kg K20/ha (18.03.)	Lisier: 38m3/ha: teneurs moyennes Ntot 1.95 kg/m3, P2O5 1.25 kg/m3 (30.04.2020)	24.02.2020: Landor 0.20.30 (499 kg/ha : 0 U/ha N, 100 U/ha P2O5, 150 U/ha K20, 40 U/ha Ca)	21.04.20: Kali 60 %: 200 kg/ha; Granuphos 17 %: 310 kg /ha = 53 kg P/ha, 120 kg K/ha	25m3 Schweinegülle auf Gründüngung im Herbst + 20m3 am 02.04.20 26.04.20: (Beim Fräsen) 150kg/ha Ammonsalpeter = 41 kg N/ha	15.11.2019 Kompost 100t	PK 20.30 400 kg/ha (80kg P2O5/ha, 120 kg K2O/ha) vor 2.x Grubbern	15 t Stapelmist (67.5 kg N/ha), Triple super 60 kg P/ha
N-Düngung / fumure N / N fertilisation:	Nitrate ammoniaque (8.05.): 185 kg N/ha = 51 kg N/ha; urée perlée 46% (03.06.): 130 kg N/ha = 60 kg N/ha	07.05.20: Nitrate 24 %: 103 kg /ha = 25 kg N/ha; 16.06.20: urée 46 %: 197 kg N/ha = 91 kg N/ha	04.05.2020: Sulfamid 30.0.0 (429 kg/ha: 129 U/ha N, 0 U/ha P2O5, 0 U/ha K2O, 13 U/ha Mg) 22.06.2020: Sulfamid 30.0.0 (159 kg/ha: 48 U/ha N, 0 U/ha P2O5, 0 U/ha K2O, 5 U/ha Mg)	22.05.20: 40.kg N/ha (ammonitrate); 16.06.20: 82 kg N/ha (Harnstoff)	11.05.20: 150kg 46%N Harnstoff = 69kg N/ha / 4.05.20: 28m3 Schweinegülle	Harnstoff 50 kg N/ha (22.04.2020), Harnstoff 55 kg N/ha (22.05.2020)	Harnstoff (46%) 150 kg N/ha vor Eggen	26.5.20: Ammonsalpeter 38 kg N/ha 13.6.20: Harnstoff 85 kg N/ha
N-Mineralisierung zu Vegetationsbeginn / minéralisation azote au début de la saison / N mineralisation at the beginning of the vegetation period:	-	-	-	-	-	144 kg N/ha (22.05.2020)	-	-
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Ensileuse expérimentale	Baural Maishäcksler / ensileuse	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler

Sorte	Status	VOS	Ertrag	Reife	Jugend-entwi.	Wurzellag. Veg.	Wurzellag. Ernte	Stängelbr. Ernte	Beulen-brand	Oekon. Index	Agron. Index	Gesamt-index
LG 31272	e1	1.30	7.88	-1.12	0.28		0.55	-0.39	0.01	9.18	-0.66	8.52
Micheleen	e1	-1.42	3.22	-0.12	0.10		0.21	0.00	-0.02	1.80	0.16	1.95
DKC 3204	e1	-0.97	1.44	0.94	0.24		0.12	-0.39	0.10	0.47	1.01	1.49
Amaroc	S	-0.54	0.07	0.28	0.05		0.10	0.00	0.04	-0.47	0.47	0.00
Severeen	S	0.54	-0.07	-0.28	-0.05		-0.10	0.00	-0.04	0.47	-0.47	0.00
KWS Robertino	T	0.35	3.43	-0.81	0.07		-2.78	0.00	-0.61	3.78	-4.12	-0.34
ES Bond	e1	-3.67	5.24	-1.47	0.26		0.05	-0.39	-0.60	1.57	-2.15	-0.58
KWS Jaro	e2	2.35	-0.39	-1.44	0.16		-2.02	0.00	-0.41	1.96	-3.71	-1.75
LG 31245	e2	-0.14	0.27	-0.67	-0.03		-2.01	0.00	0.00	0.13	-2.71	-2.58
KWS Damario	FS	2.56	-2.93	0.30	0.03		-2.31	-0.39	-0.03	-0.36	-2.39	-2.76
KXB9370	e1	2.73	-2.34	-2.71	-0.26		0.70	-0.39	-0.56	0.39	-3.21	-2.82
SY Telias	S	2.11	-3.87	-2.02	0.16		0.95	0.00	-0.27	-1.75	-1.18	-2.93
LG 31237	S	-1.94	-1.42	0.29	-0.09		0.11	0.00	-0.06	-3.35	0.24	-3.12
SY Invictus	e1	-1.55	-1.82	0.20	-0.03		0.25	0.00	-0.18	-3.37	0.24	-3.13
Benedictio KWS	S	-0.75	0.41	-1.30	0.05		-1.69	0.00	0.11	-0.34	-2.83	-3.17
RGT Exxon	e1	-5.04	1.49	1.17	0.28		-1.45	0.00	0.08	-3.54	0.09	-3.45
LG 30248	S	0.18	-2.91	-0.41	-0.05		-0.31	-0.39	-0.04	-2.73	-1.19	-3.92
KWS Otto	e1	-0.65	-0.77	-1.45	-0.07		-1.44	-0.39	0.01	-1.42	-3.34	-4.76
ES Katamaran	e2	5.60	-8.19	-3.83	-0.03		1.17	0.00	0.15	-2.60	-2.54	-5.14
KXB9319	e1	-0.84	-6.39	-0.10	0.05		0.66	0.00	-0.35	-7.22	0.25	-6.97
SY Vitamin	e1	5.98	-10.04	-2.92	-0.34		-0.20	0.00	-0.03	-4.06	-3.50	-7.56
KXB9313	e1	-3.50	-0.53	-2.81	0.10		-0.57	-0.39	0.00	-4.03	-3.67	-7.70
LZM269/49	e1	-6.49	3.16	-3.28	0.18		-0.33	-0.78	-0.38	-3.33	-4.59	-7.92
SY Talisman	T	-0.82	-10.02	2.88	-0.09		-0.01	0.00	-0.03	-10.84	2.75	-8.08
KXB9314	e1	-6.00	-3.14	0.40	0.26		0.46	0.00	-0.21	-9.14	0.91	-8.23
CS Luxuri	e1	-0.85	-7.21	-1.34	0.01		0.49	0.00	-0.08	-8.07	-0.93	-8.99
Figaro KWS	FS	-4.97	-2.11	-3.72	-0.07		1.03	-0.39	0.09	-7.08	-3.06	-10.14
Gottardo KWS	T	-2.50	-9.74	0.11	-0.07		1.26	0.00	-0.18	-12.24	1.12	-11.12
LG 31259	T	-6.62	-0.80	-0.76	0.14		-3.70	-0.39	-0.13	-7.42	-4.85	-12.27
DFI48825	1.	-11.44	-0.42	-2.38	0.20		-1.34	-0.39	0.13	-11.85	-3.79	-15.64
Bezugsgrössen		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Anz. Beob.		24	24	24	24		9	3	21			
Anz. Orte		8	8	8	8		3	1	7			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.2.5 Zusammenfassung / *Résumé*

Sorten Bezeichnung	Jugendentwicklg. Note	Saatweibl. Blüte Tage	Saatmännl. Blüte Tage	Pflanzenhöhe cm	Kolbenansatzhöhe cm	relat. Kolbenhöhe %	Green snapping %	Wurzellager Ernte %
LG 30248	4.5	76.8	76.6	257.2	118.3	45.9	0.0	8.0
Benedictio KWS	4.3	77.7	78.2	272.1	136.8	50.1	0.0	12.9
SY Telias	4.1	77.8	77.7	258.1	118.5	45.9	0.0	3.5
Severeen	4.5	77.1	77.8	281.5	130.9	46.3	0.0	7.2
Amaroc	4.3	78.1	78.3	277.9	136.7	49.1	0.0	6.5
LG 31237	4.6	76.7	77.3	276.7	128.2	46.1	0.0	6.5
ES Katamaran	4.5	77.9	77.5	255.9	124.9	48.7	0.0	2.7
LG 31245	4.5	76.5	77.1	278.3	128.6	46.2	4.2	14.0
KWS Jaro	4.1	77.9	77.9	270.8	136.8	50.4	0.0	14.1
RGT Exxon	3.9	76.4	76.1	266.5	129.8	48.5	0.0	12.0
DKC 3204	4.0	76.5	76.7	265.7	120.3	45.1	0.0	6.4
KWS Otto	4.6	77.7	78.3	269.4	135.2	50.1	4.2	12.0
KXB9313	4.3	78.9	78.7	274.7	136.9	49.7	0.0	8.9
KXB9314	3.9	76.6	76.5	264.6	126.5	47.7	0.0	5.2
KXB9319	4.3	77.1	77.1	265.1	125.3	47.2	4.2	4.5
KXB9370	5.0	77.6	77.6	270.1	119.7	44.3	0.0	4.4
SY Invictus	4.5	78.5	78.1	271.3	121.4	44.7	0.0	6.0
SY Vitamin	5.1	76.8	76.7	258.3	116.5	45.1	0.0	7.6
Micheleen	4.3	77.0	77.7	288.7	130.2	45.0	0.0	6.1
LZM269/49	4.1	77.5	77.7	288.0	131.3	45.7	0.0	8.1
LG 31272	3.9	77.7	77.7	286.8	134.1	46.7	0.0	4.9
ES Bond	3.9	76.6	76.7	296.7	123.3	41.4	0.0	6.7
CS Luxuri	4.4	76.6	76.5	254.3	123.2	48.3	0.0	5.1
DFI48825	4.0	79.9	79.4	286.3	140.6	49.1	0.0	11.6
KWS Robertino	4.3	77.6	78.2	276.4	136.4	49.1	4.2	16.8
SY Talisman	4.6	76.7	76.5	258.3	117.0	45.2	0.0	6.9
LG 31259	4.2	77.2	77.4	283.3	136.4	48.2	4.2	20.0
Gottardo KWS	4.6	76.7	76.4	260.1	113.5	43.6	0.0	2.4
Figaro KWS	4.6	78.3	78.5	269.5	133.6	49.5	0.0	3.2
KWS Damario	4.4	76.7	77.0	266.2	125.5	47.0	0.0	15.1
Bezugsgrösse(n)	4.4	77.6	78.0	279.7	133.8	47.7	0.0	6.9
Versuchs-Mittel	4.3	77.4	77.5	271.6	127.9	47.0	0.7	8.3
VK [%]	18.8	1.1	1.3	4.2	8.7	8.4	393.9	78.0
KGD (5%)	0.5	0.6	0.7	8.3	8.0	2.8		6.0
KGD (1%)	0.6	0.8	1.0	10.9	10.6	3.7		8.0
Versuchs-Streuung	0.8	0.9	1.0	11.5	11.2	3.9	2.7	6.5
FG Fehlerterm	462.0	288.0	288.0	290.0	290.0	290.0	58.0	173.0
Anz. Beob.	24.0	15.0	15.0	15.0	15.0	15.0	3.0	9.0
Anz. Orte	8.0	5.0	5.0	5.0	5.0	5.0	1.0	3.0
Minimum	3.9	76.4	76.1	254.3	113.5	41.4	0.0	2.4
Maximum	5.1	79.9	79.4	296.7	140.6	50.4	4.2	20.0

Sorten Bezeich-nung	Stängel-bruch Ernte %	Beulen-brand %	Mais-zünsler %	allg. Ein-druck Note	Effekt. Best. dichte Pfl./m2	Ertrag g.Pfl. frisch dt/ha	TS-Ertrag g.Pfl. dt/ha	TS-Gehalt g.Pfl. %
LG 30248	4.2	1.3	0.4	4.7	9.4	615.1	219.0	35.8
Benedictio KWS	0.0	0.6	0.3	2.0	9.5	647.6	225.7	35.1
SY Telias	0.0	2.3	0.0	3.3	9.5	633.5	217.1	34.6
Severeen	0.0	1.3	0.0	2.3	9.1	629.7	224.7	35.9
Amaroc	0.0	0.9	1.0	4.3	9.5	620.6	225.0	36.4
LG 31237	0.0	1.4	0.2	4.3	9.6	615.2	222.0	36.4
ES Katamaran	0.0	0.4	0.6	4.3	9.4	631.2	208.5	33.1
LG 31245	0.0	1.1	0.3	5.0	8.9	637.2	225.4	35.6
KWS Jaro	0.0	2.9	0.7	3.3	9.5	641.8	224.1	35.0
RGT Exxon	0.0	0.7	0.2	5.0	9.6	616.9	227.8	37.1
DKC 3204	4.2	0.6	0.5	3.7	9.4	619.2	227.7	36.9
KWS Otto	4.2	1.0	0.3	4.7	9.4	639.9	223.3	35.0
KXB9313	4.2	1.1	0.1	3.7	9.4	663.0	223.8	33.9
KXB9314	0.0	2.1	2.7	4.0	9.0	603.0	218.6	36.5
KXB9319	0.0	2.7	0.5	3.3	9.1	593.3	212.1	36.1
KXB9370	4.2	3.6	0.8	3.3	9.4	650.1	220.2	34.0
SY Invictus	0.0	1.9	1.0	4.0	9.5	613.1	221.2	36.3
SY Vitamin	0.0	1.2	0.4	3.7	9.2	607.8	204.8	33.8
Micheleen	0.0	1.2	0.5	2.0	9.4	645.8	231.3	36.1
LZM269/49	8.3	2.8	0.2	4.7	9.3	692.5	231.2	33.5
LG 31272	4.2	1.0	0.4	5.3	9.4	685.2	240.6	35.3
ES Bond	4.2	3.8	0.6	3.3	9.2	675.4	235.3	35.0
CS Luxuri	0.0	1.5	0.2	2.7	9.4	602.3	210.4	35.1
DFI48825	4.2	0.5	0.3	4.7	9.3	655.2	224.0	34.3
KWS Robertino	0.0	3.8	1.9	4.7	9.4	655.7	231.7	35.5
SY Talisman	0.0	1.2	0.2	3.7	9.2	538.8	204.8	38.5
LG 31259	4.2	1.7	0.3	4.3	9.3	633.2	223.2	35.6
Gottardo KWS	0.0	1.9	0.3	2.7	9.2	571.8	205.4	36.3
Figaro KWS	4.2	0.7	0.8	3.7	9.5	666.1	220.6	33.2
KWS Damario	4.2	1.2	1.8	4.7	9.4	605.8	219.0	36.4
Bezugsgrösse(n)	0.0	1.1	0.5	3.3	9.3	625.1	224.8	36.2
Versuchs-Mittel	1.8	1.6	0.6	3.8	9.3	630.2	221.6	35.4
VK [%]	250.2	136.3	218.8	25.7	5.3	6.2	6.2	3.8
KGD (5%)		1.3	1.2	1.6	0.3	22.2	7.7	0.8
KGD (1%)		1.8	1.6	2.1	0.4	29.2	10.2	1.0
Versuchs-Streuung	4.5	2.2	1.3	1.0	0.5	39.1	13.6	1.3
FG Fehlerterm	58.0	406.0	174.0	58.0	464.0	464.0	464.0	464.0
Anz. Beob.	3.0	21.0	9.0	3.0	24.0	24.0	24.0	24.0
Anz. Orte	1.0	7.0	3.0	1.0	8.0	8.0	8.0	8.0
Minimum	0.0	0.4	0.0	2.0	8.9	538.8	204.8	33.1
Maximum	8.3	3.8	2.7	5.3	9.6	692.5	240.6	38.5

Sorten Bezeich-nung	VOS-Ertrag dt/ha	Stärke-Ertrag dt/ha	VOS Gehalt NIR g/kg	Stärke Gehalt NIR g/kg	Rohfaser Gehalt NIR g/kg	NDF Gehalt NIR g/kg	Rohprot. Gehalt NIR g/kg	NEL Gehalt MJ/kg	NEV Gehalt MJ/kg
LG 30248	157.2	77.6	718.3	354.6	155.6	349.2	65.6	6.6	6.8
Benedictio KWS	161.6	84.1	716.0	372.5	151.2	337.1	64.9	6.5	6.7
SY Telias	156.9	86.3	723.2	397.5	145.6	332.0	66.0	6.6	6.9
Severeen	161.5	85.5	719.2	380.6	151.0	340.4	66.3	6.6	6.8
Amaroc	161.1	85.2	716.5	380.4	153.4	345.8	63.4	6.5	6.8
LG 31237	158.1	83.2	713.0	375.5	149.2	341.0	67.5	6.5	6.7
ES Katamaran	152.5	82.0	731.9	393.5	147.2	331.1	64.2	6.7	7.0
LG 31245	161.5	83.6	717.5	371.7	151.2	342.3	64.8	6.5	6.8
KWS Jaro	162.0	86.4	723.8	385.8	148.4	333.3	65.8	6.6	6.8
RGT Exxon	160.7	84.2	705.3	369.7	154.0	350.6	65.1	6.4	6.6
DKC 3204	162.9	83.3	715.5	366.2	152.8	347.3	65.4	6.5	6.7
KWS Otto	160.0	84.1	716.3	376.1	147.6	335.0	66.2	6.5	6.7
KXB9313	158.5	81.4	709.1	363.4	160.7	355.1	65.8	6.5	6.6
KXB9314	153.5	78.9	702.9	361.3	158.3	357.6	64.8	6.4	6.6
KXB9319	151.7	77.2	715.8	364.2	151.3	344.1	63.4	6.5	6.7
KXB9370	159.5	83.8	724.7	380.3	146.7	328.0	65.2	6.6	6.9
SY Invictus	157.9	80.9	714.0	365.2	153.8	350.3	61.9	6.5	6.7
SY Vitamin	150.0	80.7	732.8	394.8	144.7	328.6	64.0	6.7	7.0
Micheleen	165.2	87.2	714.3	376.6	154.2	347.8	65.2	6.5	6.7
LZM269/49	162.1	83.8	701.7	362.7	158.7	352.0	66.2	6.4	6.5
LG 31272	173.4	91.7	721.1	381.3	151.0	337.1	63.4	6.6	6.8
ES Bond	166.8	85.6	708.7	364.2	155.7	346.0	67.0	6.5	6.6
CS Luxuri	150.5	77.7	715.8	369.7	154.1	352.3	62.8	6.5	6.7
DFI48825	154.4	77.1	689.3	344.2	168.5	379.2	65.6	6.2	6.4
KWS Robertino	166.6	87.6	718.8	377.5	150.9	339.0	67.3	6.6	6.8
SY Talisman	146.6	79.1	715.8	387.7	148.7	335.7	63.5	6.5	6.7
LG 31259	156.6	80.8	701.3	362.0	155.6	352.7	66.4	6.4	6.5
Gottardo KWS	146.0	77.8	711.6	379.1	153.5	346.5	64.7	6.5	6.7
Figaro KWS	155.6	78.2	705.5	354.5	160.1	356.6	65.8	6.4	6.6
KWS Damario	158.6	85.6	724.3	391.2	143.8	322.7	65.7	6.6	6.9
Bezugsgrösse(n)	161.3	85.4	717.9	380.5	152.2	343.1	64.8	6.5	6.8
Versuchs-Mittel	158.3	82.7	714.8	373.5	152.6	343.9	65.1	6.5	6.7
VK [%]	6.5	7.9	2.2	5.3	5.4	4.9	3.9	2.8	3.5
KGD (5%)	5.9	3.7	9.1	11.2	4.7	9.6	1.4	0.1	0.1
KGD (1%)	7.7	4.9	11.9	14.8	6.1	12.6	1.9	0.1	0.2
Versuchs-Streuung	10.3	6.6	16.0	19.8	8.2	16.9	2.5	0.2	0.2
FG Fehlerterm	464.0	464.0	464.0	464.0	464.0	464.0	464.0	464.0	464.0
Anz. Beob.	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Anz. Orte	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Minimum	146.0	77.1	689.3	344.2	143.8	322.7	61.9	6.2	6.4
Maximum	173.4	91.7	732.8	397.5	168.5	379.2	67.5	6.7	7.0

3.2.6 Details / *Détails*

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	4.5	------	4.7	-	3.3	----	4.7	------	5.3	---------
Benedictio KWS	4.3	----	5.0	----	4.0	------	5.0	--------	5.3	---------
SY Telias	4.1	---	5.3	-------	3.3	----	4.0	-	5.3	---------
Severeen	**4.5**	**------**	**5.3**	**-------**	**4.0**	**------**	**4.7**	**------**	**4.7**	**-----**
Amaroc	4.3	----	5.0	----	4.0	------	5.0	--------	4.0	-
LG 31237	4.6	-------	5.3	-------	4.7	--------	5.0	--------	4.3	---
ES Katamaran	4.5	------	5.0	----	4.7	--------	5.0	--------	4.7	-----
LG 31245	4.5	------	4.7	-	4.7	--------	4.7	------	4.0	-
KWS Jaro	4.1	---	4.7	-	3.7	-----	4.7	------	5.0	-------
RGT Exxon	3.9	-	4.7	-	2.3	-	4.3	---	5.7	----------
DKC 3204	4.0	-	5.0	----	3.7	-----	5.0	--------	5.0	-------
KWS Otto	4.6	------	5.7	----------	4.3	-------	5.0	--------	4.7	-----
KXB9313	4.3	----	4.7	-	4.0	------	4.3	---	4.7	-----
KXB9314	3.9	-	5.0	----	3.0	---	4.3	---	5.0	-------
KXB9319	4.3	----	5.3	-------	4.3	-------	4.3	---	5.0	-------
KXB9370	5.0	---------	5.3	-------	5.3	----------	4.7	------	5.3	---------
SY Invictus	4.5	------	4.7	-	4.3	-------	5.0	--------	4.7	-----
SY Vitamin	5.1	----------	5.3	-------	5.7	----------	5.3	----------	4.3	---
Micheleen	4.3	----	5.3	-------	3.3	----	4.7	------	5.0	-------
LZM269/49	4.1	--	4.7	-	4.0	------	5.0	--------	4.0	-
LG 31272	3.9	-	4.7	-	4.3	-------	4.3	---	5.0	-------
ES Bond	3.9	-	5.0	----	3.7	-----	4.0	-	5.0	-------
CS Luxuri	4.4	-----	4.7	-	4.3	-------	5.0	--------	4.7	-----
DFI48825	4.0	--	4.7	-	3.7	-----	4.7	------	4.3	---
KWS Robertino	4.3	----	5.3	-------	3.3	----	5.3	----------	5.0	-------
SY Talisman	4.6	-------	4.7	-	5.7	----------	4.7	------	5.0	-------
LG 31259	4.2	---	5.0	----	4.0	------	4.3	---	4.7	-----
Gottardo KWS	4.6	------	5.7	----------	4.0	------	5.3	----------	4.7	-----
Figaro KWS	4.6	------	5.3	-------	4.3	-------	4.7	------	5.0	-------
KWS Damario	4.4	-----	5.0	----	4.0	------	5.3	----------	5.0	-------
-Bezugsgrösse(n)	4.4	-----	5.2	------	4.0	------	4.8	-------	4.3	---
Versuchs-Mittel	4.3	----	5.0	----	4.1	------	4.7	------	4.8	-----
VK [%]	18.8		12.2		16.8		10.8		16.4	
KGD (5%)	0.5		ns		1.1		ns		ns	
KGD (1%)	0.6		ns		1.5		ns		ns	
Versuchs-Streuung	0.8		0.6		0.7		0.5		0.8	
FG Fehlerterm	462.0		58.0		58.0		58.0		56.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	65.7	29	3.40	***	1.49	0.0001
Anbauorte	157.7	7	33.79	***	2.03	0.0000
WW Verf.*Anb.Orte	163.9	203	1.21	ns	1.21	
Fehler	308.1	462				
Insgesamt	695.3	701				

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	4.3	-------	4.3	--------	5.0	----------	4.7	-------
Benedictio KWS	4.0	------	3.7	------	4.0	------	3.7	---
SY Telias	4.0	------	3.3	-----	3.0	--	4.7	-------
Severeen	4.3	-------	5.0	----------	4.0	------	4.3	------
Amaroc	4.3	-------	4.0	-------	3.7	-----	4.7	-------
LG 31237	5.0	---------	4.0	-------	4.3	--------	4.3	------
ES Katamaran	3.3	----	4.7	---------	4.0	------	4.7	-------
LG 31245	4.3	-------	4.7	---------	4.7	---------	4.3	------
KWS Jaro	4.3	-------	3.7	------	4.0	------	3.0	-
RGT Exxon	3.0	---	3.7	------	2.7	-	4.7	-------
DKC 3204	3.0	---	2.7	---	3.7	-----	3.7	---
KWS Otto	3.7	-----	3.7	------	5.0	----------	4.7	-------
KXB9313	3.3	----	3.7	------	5.0	----------	4.3	------
KXB9314	2.7	--	3.0	----	4.0	------	4.3	------
KXB9319	3.0	---	3.0	----	4.3	--------	5.3	---------
KXB9370	4.3	-------	4.3	--------	5.0	----------	5.3	---------
SY Invictus	4.0	------	3.7	------	5.0	----------	4.7	-------
SY Vitamin	5.3	----------	4.7	---------	4.7	---------	5.7	----------
Micheleen	2.7	--	4.7	---------	4.0	------	4.3	------
LZM269/49	3.3	----	3.3	-----	3.7	-----	4.7	-------
LG 31272	2.3	-	2.0	-	3.7	-----	4.7	-------
ES Bond	3.7	-----	3.0	----	3.7	-----	3.3	--
CS Luxuri	3.3	----	4.0	-------	4.3	--------	5.0	--------
DFI48825	3.0	---	4.0	-------	3.3	---	4.7	-------
KWS Robertino	3.0	---	4.0	-------	4.3	--------	4.0	----
SY Talisman	4.7	--------	3.3	-----	4.0	------	5.0	--------
LG 31259	3.3	----	3.7	------	3.7	-----	4.7	-------
Gottardo KWS	3.7	-----	4.0	-------	4.0	------	5.3	---------
Figaro KWS	4.3	-------	4.0	-------	4.7	---------	4.3	------
KWS Damario	3.3	----	3.0	----	4.7	---------	4.7	-------
-Bezugsgrösse(n)	4.3	-------	4.5	---------	3.8	------	4.5	------
Versuchs-Mittel	3.7	-----	3.8	------	4.1	-------	4.5	------
VK [%]	33.7		19.6		22.8		17.5	
KGD (5%)	ns		1.2		ns		ns	
KGD (1%)	ns		1.6		ns		ns	
Versuchs-Streuung	1.2		0.7		0.9		0.8	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 30248	76.8	--	80.3	---	71.0	---	73.3	---	81.0	-
Benedictio KWS	77.7	----	81.0	----	72.0	-----	75.0	--------	81.7	----
SY Telias	77.8	-----	81.0	----	71.7	----	74.0	-----	81.3	--
Severeen	77.1	---	80.0	--	72.0	-----	75.0	--------	81.0	-
Amaroc	78.1	-----	80.7	----	74.0	---------	73.7	----	82.3	-------
LG 31237	76.7	-	79.7	--	71.0	---	74.0	-----	81.0	-
ES Katamaran	77.9	-----	82.0	------	71.3	---	74.7	-------	81.7	----
LG 31245	76.5	-	80.3	---	70.0	-	73.7	----	81.3	--
KWS Jaro	77.9	-----	81.7	-----	72.0	-----	74.7	-------	82.3	-------
RGT Exxon	76.4	-	79.3	-	70.0	-	73.0	--	81.0	-
DKC 3204	76.5	-	80.0	--	71.0	---	72.5	-	81.0	-
KWS Otto	77.7	----	81.0	----	73.0	-------	74.7	-------	81.3	--
KXB9313	78.9	--------	82.3	------	74.7	----------	74.3	------	82.7	---------
KXB9314	76.6	-	79.3	-	70.3	-	74.0	-----	81.0	-
KXB9319	77.1	---	80.3	---	71.0	---	74.3	------	81.3	--
KXB9370	77.6	----	80.7	----	71.3	---	74.3	------	81.3	--
SY Invictus	78.5	-------	81.3	-----	74.3	----------	73.7	----	82.3	-------
SY Vitamin	76.8	--	79.3	-	71.7	----	73.7	----	81.0	-
Micheleen	77.0	--	80.3	---	71.7	----	74.0	-----	81.0	-
LZM269/49	77.5	----	81.0	----	71.7	----	73.3	---	82.0	------
LG 31272	77.7	----	80.3	---	71.7	----	74.7	-------	82.0	------
ES Bond	76.6	-	80.0	--	70.3	-	74.5	-------	81.0	-
CS Luxuri	76.6	-	80.3	---	70.3	-	73.3	---	81.0	-
DFI48825	79.9	----------	84.7	----------	74.0	---------	75.0	--------	83.0	----------
KWS Robertino	77.6	----	80.7	----	72.0	-----	74.3	------	82.3	-------
SY Talisman	76.7	-	79.0	-	71.0	---	74.0	-----	81.3	--
LG 31259	77.2	---	80.0	--	71.0	---	74.0	-----	81.7	----
Gottardo KWS	76.7	-	80.3	---	71.0	---	74.0	-----	81.0	-
Figaro KWS	78.3	------	81.0	----	73.3	--------	75.7	----------	82.3	-------
KWS Damario	76.7	-	79.7	--	71.0	---	74.0	-----	81.0	-
-Bezugsgrösse(n)	77.6	----	80.3	---	73.0	-------	74.3	------	81.7	----
Versuchs-Mittel	77.4	---	80.6	---	71.7	----	74.1	------	81.5	---
VK [%]	1.1		1.0		1.4		1.6		0.5	
KGD (5%)	0.6		1.3		1.7		ns		0.7	
KGD (1%)	0.8		1.7		2.2		ns		0.9	
Versuchs-Streuung	0.9		0.8		1.0		1.2		0.4	
FG Fehlerterm	288.0		58.0		58.0		56.0		58.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	297.4	29	13.49	***	1.51	0.0000
Anbauorte	6549.4	4	2153.93	***	2.41	0.0000
WW Verf.*Anb.Orte	169.4	116	1.92	***	1.28	0.0006
Fehler	218.9	288				
Insgesamt	7235.1	437				

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

Verfahren	8566 Ellighausen TG	
LG 30248	78.3	---
Benedictio KWS	78.7	---
SY Telias	81.0	-------
Severeen	77.7	--
Amaroc	79.7	-----
LG 31237	77.7	--
ES Katamaran	79.7	-----
LG 31245	77.3	-
KWS Jaro	79.0	----
RGT Exxon	78.7	---
DKC 3204	78.0	--
KWS Otto	78.7	---
KXB9313	80.3	------
KXB9314	78.3	---
KXB9319	78.7	---
KXB9370	80.3	------
SY Invictus	81.0	-------
SY Vitamin	78.3	---
Micheleen	78.0	--
LZM269/49	79.3	----
LG 31272	80.0	------
ES Bond	77.3	-
CS Luxuri	78.0	--
DFI48825	83.0	----------
KWS Robertino	78.7	---
SY Talisman	78.0	--
LG 31259	79.3	----
Gottardo KWS	77.0	-
Figaro KWS	79.3	----
KWS Damario	77.7	--
-Bezugsgrösse(n)	78.7	---
Versuchs-Mittel	78.9	----
VK [%]	0.9	
KGD (5%)	1.2	
KGD (1%)	1.6	
Versuchs-Streuung	0.7	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 30248	76.6	--	80.3	-----	69.7	---	73.3	----	81.0	-
Benedictio KWS	78.2	-------	81.0	-------	72.0	-------	74.3	-------	84.0	--------
SY Telias	77.7	-----	81.0	-------	71.3	------	73.0	---	82.7	----
Severeen	77.8	------	80.0	----	72.0	-------	74.7	--------	83.7	-------
Amaroc	78.3	-------	80.7	------	74.0	----------	72.3	--	83.7	-------
LG 31237	77.3	----	79.7	---	70.3	----	73.3	----	83.7	-------
ES Katamaran	77.5	-----	81.7	---------	69.7	---	73.7	-----	82.3	----
LG 31245	77.1	----	80.3	-----	70.3	----	72.7	--	82.7	----
KWS Jaro	77.9	------	81.7	---------	72.0	-------	73.3	----	83.3	------
RGT Exxon	76.1	-	79.3	--	68.3	-	73.0	---	81.3	-
DKC 3204	76.7	---	80.0	----	70.3	----	72.0	-	82.0	---
KWS Otto	78.3	-------	81.0	-------	72.7	--------	74.7	--------	83.3	------
KXB9313	78.7	---------	82.3	----------	74.3	----------	72.3	--	84.3	--------
KXB9314	76.5	--	79.3	--	69.7	---	72.3	--	81.7	--
KXB9319	77.1	----	80.3	-----	70.0	---	73.7	-----	82.0	---
KXB9370	77.6	-----	80.7	------	70.7	----	73.7	-----	82.3	----
SY Invictus	78.1	-------	81.3	--------	73.7	---------	72.7	--	82.3	----
SY Vitamin	76.7	--	79.3	--	71.0	-----	73.0	---	81.0	-
Micheleen	77.7	-----	80.3	-----	71.3	------	74.0	------	83.3	------
LZM269/49	77.7	-----	81.0	-------	70.7	----	72.7	--	83.7	-------
LG 31272	77.7	------	80.3	-----	70.7	----	74.7	--------	83.0	-----
ES Bond	76.7	---	80.0	----	69.3	--	74.5	-------	81.7	--
CS Luxuri	76.5	--	80.3	-----	69.3	--	73.3	----	81.0	-
DFI48825	79.4	----------	82.0	----------	74.0	----------	75.0	---------	84.0	--------
KWS Robertino	78.2	-------	80.7	------	71.7	------	73.3	----	85.3	----------
SY Talisman	76.5	--	79.0	-	69.0	--	73.3	----	82.3	----
LG 31259	77.4	-----	80.0	----	70.7	----	73.3	----	83.0	-----
Gottardo KWS	76.4	--	80.3	-----	69.7	---	73.0	---	81.0	-
Figaro KWS	78.5	--------	81.0	-------	73.0	--------	75.7	----------	83.7	-------
KWS Damario	77.0	---	79.7	---	70.3	----	73.7	-----	82.3	----
-Bezugsgrösse(n)	78.0	------	80.3	-----	73.0	--------	73.5	-----	83.7	-------
Versuchs-Mittel	77.5	-----	80.5	-----	71.1	-----	73.5	-----	82.7	-----
VK [%]	1.3		1.0		1.6		2.1		0.8	
KGD (5%)	0.7		1.3		1.8		ns		1.1	
KGD (1%)	1.0		1.7		2.4		ns		1.5	
Versuchs-Streuung	1.0		0.8		1.1		1.5		0.7	
FG Fehlerterm	288.0		58.0		58.0		56.0		58.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	280.0	29	9.43	***	1.51	0.0000
Anbauorte	8819.5	4	2153.16	***	2.41	0.0000
WW Verf.*Anb.Orte	242.4	116	2.04	***	1.28	0.0004
Fehler	294.9	288				
Insgesamt	9636.8	437				

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

Verfahren	8566 Ellighausen TG	
LG 30248	78.7	--
Benedictio KWS	79.7	-----
SY Telias	80.3	------
Severeen	78.7	--
Amaroc	80.7	-------
LG 31237	79.3	----
ES Katamaran	80.0	------
LG 31245	79.3	----
KWS Jaro	79.3	----
RGT Exxon	78.3	-
DKC 3204	79.3	----
KWS Otto	79.7	-----
KXB9313	80.3	------
KXB9314	79.7	-----
KXB9319	79.3	----
KXB9370	80.7	-------
SY Invictus	80.3	------
SY Vitamin	79.0	---
Micheleen	79.3	----
LZM269/49	80.3	------
LG 31272	80.0	------
ES Bond	78.0	-
CS Luxuri	78.3	-
DFI48825	82.0	----------
KWS Robertino	80.0	------
SY Talisman	79.0	---
LG 31259	80.0	------
Gottardo KWS	78.0	-
Figaro KWS	79.3	----
KWS Damario	79.0	---
-Bezugsgrösse(n)	79.7	-----
Versuchs-Mittel	79.5	----
VK [%]	0.9	
KGD (5%)	1.2	
KGD (1%)	1.6	
Versuchs-Streuung	0.7	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 30248	257.2	-	216.7	---	263.3	--	285.0	-----	249.7	-
Benedictio KWS	272.1	-----	233.3	------	270.0	----	290.0	------	281.0	------
SY Telias	258.1	-	206.7	-	275.0	-----	286.7	------	249.7	-
Severeen	281.5	-------	243.3	--------	280.0	------	301.7	---------	284.3	------
Amaroc	277.9	------	233.3	------	276.7	-----	296.7	--------	285.0	-------
LG 31237	276.7	------	233.3	------	270.0	----	298.3	---------	278.7	------
ES Katamaran	255.9	-	211.7	--	258.3	-	271.7	--	258.0	--
LG 31245	278.3	------	236.7	-------	285.0	-------	280.0	----	282.7	------
KWS Jaro	270.8	----	230.0	------	275.0	-----	283.3	-----	282.3	------
RGT Exxon	266.5	---	231.7	------	275.0	-----	271.7	--	271.0	----
DKC 3204	265.7	---	218.3	---	260.0	--	275.0	---	284.0	------
KWS Otto	269.4	----	221.7	----	268.3	---	283.3	-----	279.0	------
KXB9313	274.7	-----	231.7	------	283.3	------	278.3	----	277.3	-----
KXB9314	264.6	---	225.0	-----	268.3	---	266.7	-	276.0	-----
KXB9319	265.1	---	228.3	-----	271.7	----	280.0	----	266.7	----
KXB9370	270.1	----	235.0	-------	278.3	-----	270.0	-	275.0	-----
SY Invictus	271.3	-----	238.3	-------	270.0	----	276.7	---	276.0	-----
SY Vitamin	258.3	--	203.3	-	255.0	-	290.0	------	265.0	----
Micheleen	288.7	---------	243.3	--------	290.0	--------	295.0	--------	301.0	---------
LZM269/49	288.0	---------	256.7	----------	268.3	---	301.7	---------	301.7	---------
LG 31272	286.8	--------	248.3	---------	285.0	-------	290.0	------	303.0	---------
ES Bond	296.7	----------	253.3	----------	303.3	----------	306.7	----------	311.3	----------
CS Luxuri	254.3	-	211.7	--	260.0	--	283.3	-----	245.7	-
DFI48825	286.3	--------	245.0	--------	273.3	----	296.7	--------	300.3	---------
KWS Robertino	276.4	------	230.0	------	281.7	------	275.0	---	292.3	--------
SY Talisman	258.3	--	213.3	--	278.3	-----	266.7	-	251.0	-
LG 31259	283.3	-------	233.3	------	285.0	-------	290.0	------	295.0	--------
Gottardo KWS	260.1	--	211.7	--	263.3	--	283.3	-----	265.7	----
Figaro KWS	269.5	----	223.3	----	270.0	----	281.7	----	281.0	------
KWS Damario	266.2	---	215.0	---	271.7	----	275.0	---	277.3	-----
-Bezugsgrösse(n)	279.7	-------	238.3	-------	278.3	-----	299.2	---------	284.7	-------
Versuchs-Mittel	271.6	-----	228.8	-----	273.8	----	284.3	-----	278.2	------
VK [%]	4.2		3.5		3.7		5.6		4.1	
KGD (5%)	8.3		13.3		16.7		ns		18.5	
KGD (1%)	10.9		17.7		22.2		ns		24.6	
Versuchs-Streuung	11.5		8.1		10.2		16.1		11.3	
FG Fehlerterm	290.0		58.0		58.0		58.0		58.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	54512.0	29	14.21	***	1.51	0.0000
Anbauorte	225219.1	4	425.77	***	2.40	0.0000
WW Verf.*Anb.Orte	22811.3	116	1.49	ns	1.28	
Fehler	38349.9	290				
Insgesamt	340892.4	439				

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	8566 Ellighausen TG	
LG 30248	271.3	-
Benedictio KWS	286.0	----
SY Telias	272.3	-
Severeen	298.0	-------
Amaroc	297.7	-------
LG 31237	303.0	--------
ES Katamaran	279.7	---
LG 31245	307.3	---------
KWS Jaro	283.3	---
RGT Exxon	283.3	---
DKC 3204	291.3	-----
KWS Otto	294.7	------
KXB9313	303.0	--------
KXB9314	287.0	----
KXB9319	278.7	--
KXB9370	292.3	-----
SY Invictus	295.3	------
SY Vitamin	278.0	--
Micheleen	314.0	----------
LZM269/49	311.7	----------
LG 31272	307.7	---------
ES Bond	309.0	---------
CS Luxuri	271.0	-
DFI48825	316.0	----------
KWS Robertino	303.0	--------
SY Talisman	282.0	---
LG 31259	313.3	----------
Gottardo KWS	276.3	--
Figaro KWS	291.7	-----
KWS Damario	292.0	-----
-Bezugsgrösse(n)	297.8	-------
Versuchs-Mittel	293.0	-----
VK [%]	3.5	
KGD (5%)	16.8	
KGD (1%)	22.3	
Versuchs-Streuung	10.2	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 30248	118.3	--	90.0	--	118.3	---	123.3	---	122.3	--
Benedictio KWS	136.8	---------	105.0	-------	140.0	----------	126.7	----	157.3	---------
SY Telias	118.5	--	88.3	-	133.3	--------	120.0	--	117.7	-
Severeen	130.9	-------	96.7	----	136.7	---------	133.3	------	141.3	------
Amaroc	136.7	---------	105.0	-------	140.0	----------	138.3	-------	160.7	----------
LG 31237	128.2	------	93.3	---	141.7	----------	148.3	----------	123.3	--
ES Katamaran	124.9	-----	96.7	----	125.0	-----	128.3	----	127.7	---
LG 31245	128.6	------	106.7	-------	128.3	------	125.0	---	137.0	-----
KWS Jaro	136.8	---------	110.0	--------	133.3	--------	130.0	-----	165.0	----------
RGT Exxon	129.8	-------	100.0	-----	138.3	---------	126.7	----	138.7	-----
DKC 3204	120.3	---	91.7	--	123.3	-----	126.7	----	122.3	--
KWS Otto	135.2	---------	103.3	------	131.7	-------	140.0	--------	158.7	---------
KXB9313	136.9	---------	110.0	--------	143.3	----------	128.3	----	157.7	---------
KXB9314	126.5	-----	103.3	------	126.7	------	123.3	---	138.7	-----
KXB9319	125.3	-----	103.3	------	126.7	------	130.0	-----	139.7	-----
KXB9370	119.7	---	98.3	----	121.7	----	133.3	------	116.7	-
SY Invictus	121.4	----	91.7	--	120.0	----	131.7	-----	123.7	--
SY Vitamin	116.5	--	88.3	-	108.3	-	125.0	---	134.0	----
Micheleen	130.2	-------	100.0	-----	136.7	---------	120.0	--	156.0	---------
LZM269/49	131.3	-------	115.0	----------	140.0	----------	131.7	-----	124.7	--
LG 31272	134.1	--------	116.7	----------	138.3	---------	116.7	-	150.3	--------
ES Bond	123.3	----	95.0	---	126.7	------	150.0	----------	121.0	-
CS Luxuri	123.2	----	98.3	----	116.7	---	138.3	-------	125.0	--
DFI48825	140.6	----------	113.3	---------	140.0	----------	138.3	-------	156.7	---------
KWS Robertino	136.4	---------	100.0	-----	140.0	----------	128.3	----	159.3	---------
SY Talisman	117.0	--	86.7	-	128.3	------	123.3	---	122.0	--
LG 31259	136.4	---------	111.7	---------	135.0	--------	131.7	-----	144.3	------
Gottardo KWS	113.5	-	88.3	-	111.7	--	126.7	----	123.3	--
Figaro KWS	133.6	--------	105.0	-------	131.7	-------	133.3	------	157.7	----------
KWS Damario	125.5	-----	96.7	----	130.0	-------	131.7	-----	129.0	---
-Bezugsgrösse(n)	133.8	--------	100.8	-----	138.3	---------	135.8	------	151.0	--------
Versuchs-Mittel	127.9	------	100.3	-----	130.4	-------	130.3	-----	138.4	-----
VK [%]	8.7		9.2		7.3		7.8		11.7	
KGD (5%)	8.0		15.1		15.5		16.6		26.4	
KGD (1%)	10.6		20.1		20.6		ns		35.1	
Versuchs-Streuung	11.2		9.2		9.5		10.2		16.2	
FG Fehlerterm	290.0		58.0		58.0		58.0		58.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	24717.7	29	6.85	***	1.51	0.0000
Anbauorte	92910.3	4	186.75	***	2.40	0.0000
WW Verf.*Anb.Orte	24623.0	116	1.71	ns	1.28	
Fehler	36070.0	290				
Insgesamt	178321.0	439				

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

Verfahren	8566 Ellighausen TG	
LG 30248	137.3	-----
Benedictio KWS	155.0	----------
SY Telias	133.3	----
Severeen	146.3	--------
Amaroc	139.3	------
LG 31237	134.3	-----
ES Katamaran	146.7	--------
LG 31245	146.0	-------
KWS Jaro	145.7	-------
RGT Exxon	145.3	-------
DKC 3204	137.3	-----
KWS Otto	142.3	-------
KXB9313	145.0	-------
KXB9314	140.7	------
KXB9319	126.7	---
KXB9370	128.7	---
SY Invictus	140.0	------
SY Vitamin	126.7	---
Micheleen	138.3	------
LZM269/49	145.0	-------
LG 31272	148.7	--------
ES Bond	124.0	--
CS Luxuri	137.7	-----
DFI48825	154.7	---------
KWS Robertino	154.3	---------
SY Talisman	124.7	--
LG 31259	159.3	----------
Gottardo KWS	117.3	-
Figaro KWS	140.3	------
KWS Damario	140.3	------
-Bezugsgrösse(n)	142.8	-------
Versuchs-Mittel	140.0	------
VK [%]	6.5	
KGD (5%)	14.9	
KGD (1%)	19.8	
Versuchs-Streuung	9.1	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH	
LG 30248	45.9	------	41.6	-----	44.9	---	43.3	----	48.9	------
Benedictio KWS	50.1	----------	45.0	--------	51.9	----------	43.7	----	55.8	---------
SY Telias	45.9	------	42.8	------	48.5	-------	41.9	--	47.1	-----
Severeen	46.3	------	39.7	---	48.8	-------	44.3	-----	49.8	------
Amaroc	49.1	---------	45.0	--------	50.6	---------	46.6	-------	56.4	----------
LG 31237	46.1	------	40.0	---	52.4	----------	49.8	----------	44.1	---
ES Katamaran	48.7	---------	45.6	--------	48.4	-------	47.3	--------	49.5	------
LG 31245	46.2	------	45.0	--------	45.0	----	44.8	-----	48.4	-----
KWS Jaro	50.4	----------	47.8	----------	48.5	-------	45.9	-------	58.5	----------
RGT Exxon	48.5	--------	43.2	------	50.4	---------	46.5	-------	51.0	-------
DKC 3204	45.1	-----	42.1	-----	47.4	------	46.1	-------	42.9	---
KWS Otto	50.1	----------	46.6	---------	49.1	-------	49.5	----------	56.9	----------
KXB9313	49.7	----------	47.5	----------	50.6	---------	46.1	-------	56.6	----------
KXB9314	47.7	--------	45.9	---------	47.2	------	46.5	-------	50.1	------
KXB9319	47.2	-------	45.2	--------	46.6	-----	46.4	-------	52.3	-------
KXB9370	44.3	----	41.9	-----	43.7	--	49.5	----------	42.5	--
SY Invictus	44.7	----	38.6	--	44.6	---	48.0	---------	44.9	----
SY Vitamin	45.1	-----	43.4	------	42.6	-	43.3	----	50.6	-------
Micheleen	45.0	-----	41.1	----	47.2	------	40.7	-	51.8	-------
LZM269/49	45.7	-----	44.8	--------	52.2	----------	43.6	----	41.3	--
LG 31272	46.7	------	46.9	----------	48.5	-------	40.2	-	49.6	------
ES Bond	41.4	-	37.4	-	41.9	-	48.9	----------	38.8	-
CS Luxuri	48.3	--------	46.4	---------	44.8	---	48.8	----------	50.9	-------
DFI48825	49.1	---------	46.3	---------	51.4	----------	46.9	--------	52.2	-------
KWS Robertino	49.1	---------	43.5	------	49.7	--------	46.7	-------	54.5	---------
SY Talisman	45.2	-----	40.6	----	46.2	-----	46.2	-------	48.5	------
LG 31259	48.2	--------	48.0	----------	47.4	------	45.5	------	49.1	------
Gottardo KWS	43.6	---	41.8	-----	42.4	-	44.7	-----	46.4	----
Figaro KWS	49.5	----------	47.0	----------	48.8	-------	47.4	--------	56.1	---------
KWS Damario	47.0	-------	44.9	--------	47.9	------	47.8	---------	46.5	----
-Bezugsgrösse(n)	47.7	--------	42.3	-----	49.7	--------	45.4	------	53.1	--------
Versuchs-Mittel	47.0	-------	43.9	-------	47.6	------	45.9	-------	49.7	------
VK [%]	8.4		8.6		7.0		8.1		10.7	
KGD (5%)	2.8		6.1		5.5		ns		8.7	
KGD (1%)	3.7		ns		7.3		ns		11.5	
Versuchs-Streuung	3.9		3.8		3.3		3.7		5.3	
FG Fehlerterm	290.0		58.0		58.0		58.0		58.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	2142.3	29	4.75	***	1.51	0.0000
Anbauorte	1772.2	4	28.49	***	2.40	0.0000
WW Verf.*Anb.Orte	2857.7	116	1.58	ns	1.28	
Fehler	4510.3	290				
Insgesamt	11282.4	439				

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

Verfahren	8566 Ellighausen TG	
LG 30248	50.6	--------
Benedictio KWS	54.2	----------
SY Telias	49.2	-------
Severeen	49.1	-------
Amaroc	46.9	-----
LG 31237	44.4	----
ES Katamaran	52.5	---------
LG 31245	47.6	------
KWS Jaro	51.5	---------
RGT Exxon	51.4	---------
DKC 3204	47.2	------
KWS Otto	48.4	------
KXB9313	47.8	------
KXB9314	49.0	-------
KXB9319	45.5	----
KXB9370	44.1	---
SY Invictus	47.4	------
SY Vitamin	45.4	----
Micheleen	44.1	---
LZM269/49	46.5	-----
LG 31272	48.3	------
ES Bond	40.1	-
CS Luxuri	50.8	--------
DFI48825	48.9	-------
KWS Robertino	50.9	--------
SY Talisman	44.2	----
LG 31259	50.9	--------
Gottardo KWS	42.5	--
Figaro KWS	48.1	------
KWS Damario	48.1	------
-Bezugsgrösse(n)	48.0	------
Versuchs-Mittel	47.9	------
VK [%]	6.8	
KGD (5%)	5.3	
KGD (1%)	7.1	
Versuchs-Streuung	3.2	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

Green snapping [%] / Green snapping [%]

Verfahren	Seriemittel		1567 Delley FR	
LG 30248	0.0	-	0.0	-
Benedictio KWS	0.0	-	0.0	-
SY Telias	0.0	-	0.0	-
Severeen	0.0	-	0.0	-
Amaroc	0.0	-	0.0	-
LG 31237	0.0	-	0.0	-
ES Katamaran	0.0	-	0.0	-
LG 31245	4.2	----------	4.2	----------
KWS Jaro	0.0	-	0.0	-
RGT Exxon	0.0	-	0.0	-
DKC 3204	0.0	-	0.0	-
KWS Otto	4.2	----------	4.2	----------
KXB9313	0.0	-	0.0	-
KXB9314	0.0	-	0.0	-
KXB9319	4.2	----------	4.2	----------
KXB9370	0.0	-	0.0	-
SY Invictus	0.0	-	0.0	-
SY Vitamin	0.0	-	0.0	-
Micheleen	0.0	-	0.0	-
LZM269/49	0.0	-	0.0	-
LG 31272	0.0	-	0.0	-
ES Bond	0.0	-	0.0	-
CS Luxuri	0.0	-	0.0	-
DFI48825	0.0	-	0.0	-
KWS Robertino	4.2	----------	4.2	----------
SY Talisman	0.0	-	0.0	-
LG 31259	4.2	----------	4.2	----------
Gottardo KWS	0.0	-	0.0	-
Figaro KWS	0.0	-	0.0	-
KWS Damario	0.0	-	0.0	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	0.7	--	0.7	--
VK [%]	393.9		393.9	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	2.7		2.7	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH	
LG 30248	8.0	----	6.6	--	8.7	----	8.6	------
Benedictio KWS	12.9	-------	13.4	----	19.3	---------	6.0	----
SY Telias	3.5	-	9.0	---	0.9	-	0.5	-
Severeen	7.2	---	9.7	---	5.5	---	6.5	-----
Amaroc	6.5	---	12.7	----	2.4	--	4.5	---
LG 31237	6.5	---	11.4	---	1.4	-	6.8	-----
ES Katamaran	2.7	-	4.0	-	0.0	-	4.2	---
LG 31245	14.0	-------	15.5	-----	19.9	---------	6.7	-----
KWS Jaro	14.1	-------	11.2	---	23.9	----------	7.1	-----
RGT Exxon	12.0	------	15.7	-----	13.3	------	7.1	-----
DKC 3204	6.4	---	7.8	--	2.0	-	9.5	------
KWS Otto	12.0	------	14.3	----	8.7	----	13.0	---------
KXB9313	8.9	----	10.3	---	11.0	-----	5.4	----
KXB9314	5.2	--	6.5	--	2.3	--	7.0	-----
KXB9319	4.5	--	11.1	---	0.9	-	1.6	-
KXB9370	4.4	--	6.1	--	4.0	--	3.0	--
SY Invictus	6.0	---	12.2	----	1.4	-	4.3	---
SY Vitamin	7.6	----	16.5	-----	3.2	--	3.1	--
Micheleen	6.1	---	6.2	--	9.7	-----	2.5	--
LZM269/49	8.1	----	15.8	-----	2.4	--	6.0	----
LG 31272	4.9	--	4.5	-	3.8	--	6.4	----
ES Bond	6.7	---	7.5	--	5.1	---	7.4	-----
CS Luxuri	5.1	--	3.3	-	1.0	-	11.2	--------
DFI48825	11.6	------	21.5	-------	6.9	---	6.6	-----
KWS Robertino	16.8	---------	28.5	----------	11.8	------	10.0	-------
SY Talisman	6.9	---	8.9	---	4.1	--	7.7	-----
LG 31259	20.0	----------	31.2	----------	13.1	------	15.7	----------
Gottardo KWS	2.4	-	3.6	-	1.0	-	2.6	--
Figaro KWS	3.2	-	5.7	-	1.4	-	2.5	--
KWS Damario	15.1	--------	31.6	----------	5.9	---	7.8	-----
-Bezugsgrösse(n)	6.9	---	11.2	---	3.9	--	5.5	----
Versuchs-Mittel	8.3	----	12.1	----	6.5	---	6.4	----
VK [%]	78.0		67.3		103.9		64.2	
KGD (5%)	6.0		13.1		11.0		6.7	
KGD (1%)	8.0		17.5		14.7		ns	
Versuchs-Streuung	6.5		8.0		6.7		4.1	
FG Fehlerterm	173.0		57.0		58.0		58.0	
Anz. Beob.	9.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	5247.2	29	4.30	***	1.53	0.0000
Anbauorte	1910.8	2	22.69	***	3.04	0.0000
WW Verf.*Anb.Orte	4231.0	58	1.73	**	1.40	0.0035
Fehler	7283.0	173				
Insgesamt	18672.0	262				

Plantes cassées à la récolte [note] / Stängelbruch Ernte [Note]

Verfahren	Seriemittel		1567 Delley FR	
LG 30248	1.3	------	1.3	------
Benedictio KWS	1.0	-	1.0	-
SY Telias	1.0	-	1.0	-
Severeen	1.0	-	1.0	-
Amaroc	1.0	-	1.0	-
LG 31237	1.0	-	1.0	-
ES Katamaran	1.0	-	1.0	-
LG 31245	1.0	-	1.0	-
KWS Jaro	1.0	-	1.0	-
RGT Exxon	1.0	-	1.0	-
DKC 3204	1.3	------	1.3	------
KWS Otto	1.3	------	1.3	------
KXB9313	1.3	------	1.3	------
KXB9314	1.0	-	1.0	-
KXB9319	1.0	-	1.0	-
KXB9370	1.3	------	1.3	------
SY Invictus	1.0	-	1.0	-
SY Vitamin	1.0	-	1.0	-
Micheleen	1.0	-	1.0	-
LZM269/49	1.7	----------	1.7	----------
LG 31272	1.3	------	1.3	------
ES Bond	1.3	------	1.3	------
CS Luxuri	1.0	-	1.0	-
DFI48825	1.3	------	1.3	------
KWS Robertino	1.0	-	1.0	-
SY Talisman	1.0	-	1.0	-
LG 31259	1.3	------	1.3	------
Gottardo KWS	1.0	-	1.0	-
Figaro KWS	1.3	------	1.3	------
KWS Damario	1.3	------	1.3	------
-Bezugsgrösse(n)	1.0	-	1.0	-
Versuchs-Mittel	1.1	---	1.1	---
VK [%]	31.6		31.6	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	0.4		0.4	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
LG 30248	4.2	------	4.2	------
Benedictio KWS	0.0	-	0.0	-
SY Telias	0.0	-	0.0	-
Severeen	0.0	-	0.0	-
Amaroc	0.0	-	0.0	-
LG 31237	0.0	-	0.0	-
ES Katamaran	0.0	-	0.0	-
LG 31245	0.0	-	0.0	-
KWS Jaro	0.0	-	0.0	-
RGT Exxon	0.0	-	0.0	-
DKC 3204	4.2	------	4.2	------
KWS Otto	4.2	------	4.2	------
KXB9313	4.2	------	4.2	------
KXB9314	0.0	-	0.0	-
KXB9319	0.0	-	0.0	-
KXB9370	4.2	------	4.2	------
SY Invictus	0.0	-	0.0	-
SY Vitamin	0.0	-	0.0	-
Micheleen	0.0	-	0.0	-
LZM269/49	8.3	----------	8.3	----------
LG 31272	4.2	------	4.2	------
ES Bond	4.2	------	4.2	------
CS Luxuri	0.0	-	0.0	-
DFI48825	4.2	------	4.2	------
KWS Robertino	0.0	-	0.0	-
SY Talisman	0.0	-	0.0	-
LG 31259	4.2	------	4.2	------
Gottardo KWS	0.0	-	0.0	-
Figaro KWS	4.2	------	4.2	------
KWS Damario	4.2	------	4.2	------
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	1.8	---	1.8	---
VK [%]	250.2		250.2	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	4.5		4.5	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten		5643 Alikon AG	
LG 30248	1.3	---	0.8	---	0.4	-	0.6	--	1.5	----
Benedictio KWS	0.6	-	0.0	-	0.0	-	1.3	---	0.5	--
SY Telias	2.3	------	0.4	--	0.0	-	6.9	----------	0.5	--
Severeen	1.3	---	1.2	----	0.0	-	2.7	----	1.0	---
Amaroc	0.9	--	1.5	-----	0.4	-	0.3	-	0.0	-
LG 31237	1.4	---	1.5	-----	0.7	-	1.3	--	0.0	-
ES Katamaran	0.4	-	0.0	-	0.0	-	1.3	--	0.5	--
LG 31245	1.1	---	0.8	---	0.5	-	1.3	---	0.5	--
KWS Jaro	2.9	--------	0.7	---	2.0	---	4.3	-------	1.5	----
RGT Exxon	0.7	-	0.0	-	0.3	-	0.0	-	1.0	---
DKC 3204	0.6	-	0.7	---	0.0	-	1.6	---	0.5	--
KWS Otto	1.0	--	0.0	-	0.0	-	1.9	---	0.0	-
KXB9313	1.1	---	0.7	---	0.3	-	1.3	---	0.5	--
KXB9314	2.1	-----	0.7	---	0.8	--	3.7	------	1.5	----
KXB9319	2.7	-------	0.8	---	1.5	---	2.0	----	1.5	----
KXB9370	3.6	----------	0.4	--	7.8	----------	1.3	---	0.5	--
SY Invictus	1.9	-----	1.4	-----	2.6	----	0.6	--	4.4	----------
SY Vitamin	1.2	---	0.0	-	1.7	---	0.7	--	0.4	--
Micheleen	1.2	---	0.7	---	3.0	----	0.7	--	1.4	----
LZM269/49	2.8	--------	3.3	----------	1.1	--	0.7	--	1.8	-----
LG 31272	1.0	--	0.0	-	2.0	---	4.2	-------	0.5	--
ES Bond	3.8	----------	1.5	-----	0.3	-	1.0	--	0.0	-
CS Luxuri	1.5	----	1.1	----	1.8	---	1.4	---	0.5	--
DFI48825	0.5	-	0.0	-	0.0	-	1.0	--	0.5	--
KWS Robertino	3.8	----------	2.5	--------	0.7	--	5.3	--------	1.4	----
SY Talisman	1.2	---	0.0	-	0.7	--	2.6	----	0.0	-
LG 31259	1.7	----	0.4	--	0.0	-	4.8	--------	0.0	-
Gottardo KWS	1.9	-----	1.1	----	0.8	--	1.2	--	1.0	---
Figaro KWS	0.7	-	0.0	-	0.0	-	0.7	--	0.0	-
KWS Damario	1.2	---	0.0	-	0.7	--	1.7	---	0.5	--
-Bezugsgrösse(n)	1.1	---	1.3	-----	0.2	-	1.5	---	0.5	--
Versuchs-Mittel	1.6	----	0.7	---	1.0	--	2.0	---	0.8	--
VK [%]	136.3		140.4		144.7		141.1		184.6	
KGD (5%)	1.3		1.7		2.4		ns		ns	
KGD (1%)	1.8		ns		3.2		ns		ns	
Versuchs-Streuung	2.2		1.0		1.5		2.8		1.5	
FG Fehlerterm	406.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	597.6	29	4.27	***	1.50	0.0000
Anbauorte	1619.4	6	55.97	***	2.12	0.0000
WW Verf.*Anb.Orte	2250.6	174	2.68	***	1.23	0.0001
Fehler	1957.8	406				
Insgesamt	6425.4	615				

Charbon [%] / Beulenbrand [%]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	2.4	----------	3.1	--	0.0	-
Benedictio KWS	0.6	---	1.6	-	0.0	-
SY Telias	2.6	----------	5.8	---	0.0	-
Severeen	1.5	-------	2.5	--	0.0	-
Amaroc	0.0	-	3.5	--	0.5	--
LG 31237	1.0	----	4.7	---	0.5	--
ES Katamaran	0.0	-	0.5	-	0.5	--
LG 31245	1.6	-------	2.2	--	0.5	--
KWS Jaro	0.5	---	9.4	-----	2.1	------
RGT Exxon	1.5	-------	1.0	-	1.0	---
DKC 3204	0.0	-	1.0	-	0.5	--
KWS Otto	1.0	-----	4.3	---	0.0	-
KXB9313	0.0	-	4.0	--	0.5	--
KXB9314	2.0	--------	5.2	---	0.5	--
KXB9319	0.0	-	13.0	------	0.0	-
KXB9370	0.0	-	11.7	------	3.6	----------
SY Invictus	1.5	-------	2.4	--	0.5	--
SY Vitamin	0.0	-	5.3	---	0.5	--
Micheleen	1.0	----	1.0	-	0.5	--
LZM269/49	1.0	----	11.9	------	0.0	-
LG 31272	0.5	--	0.0	-	0.0	-
ES Bond	1.0	----	22.3	----------	0.5	--
CS Luxuri	0.0	-	5.4	---	0.0	-
DFI48825	0.0	-	1.5	-	0.5	--
KWS Robertino	1.6	-------	14.9	-------	0.5	--
SY Talisman	0.0	-	4.1	--	1.0	---
LG 31259	2.0	--------	4.6	---	0.0	-
Gottardo KWS	1.0	----	7.2	----	1.0	---
Figaro KWS	0.0	-	4.0	--	0.0	-
KWS Damario	1.9	--------	3.6	--	0.0	-
-Bezugsgrösse(n)	0.8	----	3.0	--	0.3	-
Versuchs-Mittel	0.9	----	5.4	---	0.5	--
VK [%]	178.1		77.1		202.1	
KGD (5%)	ns		6.8		ns	
KGD (1%)	ns		9.1		ns	
Versuchs-Streuung	1.6		4.2		1.0	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve		3065 Habstetten	
LG 30248	0.4	--	0.0	-	0.4	--	1.0	---
Benedictio KWS	0.3	--	0.4	--	0.0	-	0.6	--
SY Telias	0.0	-	0.0	-	0.0	-	0.0	-
Severeen	0.0	-	0.0	-	0.0	-	0.0	-
Amaroc	1.0	----	1.2	------	0.0	-	1.9	----
LG 31237	0.2	-	0.3	--	0.0	-	0.3	-
ES Katamaran	0.6	---	0.7	----	0.0	-	0.9	--
LG 31245	0.3	--	0.4	---	0.0	-	0.3	-
KWS Jaro	0.7	---	0.4	--	0.7	----	1.1	---
RGT Exxon	0.2	-	0.0	-	0.3	--	0.3	-
DKC 3204	0.5	--	0.8	----	0.4	--	0.3	-
KWS Otto	0.3	--	0.0	-	0.7	----	0.3	-
KXB9313	0.1	-	0.0	-	0.0	-	0.3	-
KXB9314	2.7	----------	0.7	----	2.3	----------	5.1	----------
KXB9319	0.5	--	1.2	------	0.0	-	0.3	-
KXB9370	0.8	----	0.0	-	0.7	----	1.7	----
SY Invictus	1.0	----	0.4	--	1.1	------	1.6	----
SY Vitamin	0.4	--	0.0	-	0.0	-	1.3	---
Micheleen	0.5	--	0.4	--	0.0	-	1.0	---
LZM269/49	0.2	-	0.0	-	0.0	-	0.7	--
LG 31272	0.4	--	0.4	--	0.0	-	0.9	--
ES Bond	0.6	---	0.8	----	0.4	--	0.7	--
CS Luxuri	0.2	-	0.4	--	0.0	-	0.3	-
DFI48825	0.3	--	0.0	-	0.0	-	1.0	---
KWS Robertino	1.9	--------	1.4	-------	0.7	----	3.6	--------
SY Talisman	0.2	-	0.4	--	0.0	-	0.3	-
LG 31259	0.3	--	0.3	--	0.0	-	0.7	--
Gottardo KWS	0.3	--	0.0	-	0.7	----	0.3	-
Figaro KWS	0.8	----	0.7	----	0.0	-	1.7	----
KWS Damario	1.8	-------	2.1	----------	1.5	-------	1.7	----
-Bezugsgrösse(n)	0.5	---	0.6	---	0.0	-	1.0	---
Versuchs-Mittel	0.6	---	0.4	---	0.3	--	1.0	---
VK [%]	218.8		247.5		216.9		181.4	
KGD (5%)	1.2		ns		1.2		ns	
KGD (1%)	1.6		ns		ns		ns	
Versuchs-Streuung	1.3		1.1		0.7		1.8	
FG Fehlerterm	174.0		58.0		58.0		58.0	
Anz. Beob.	9.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	91.7	29	1.85	**	1.53	0.0083
Anbauorte	24.3	2	7.12	***	3.04	0.0010
WW Verf.*Anb.Orte	56.2	58	0.57	ns	1.40	0.9932
Fehler	296.8	174				
Insgesamt	468.9	263				

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
LG 30248	4.7	---------	4.7	---------
Benedictio KWS	2.0	-	2.0	-
SY Telias	3.3	-----	3.3	-----
Severeen	2.3	--	2.3	--
Amaroc	4.3	--------	4.3	--------
LG 31237	4.3	--------	4.3	--------
ES Katamaran	4.3	--------	4.3	--------
LG 31245	5.0	----------	5.0	----------
KWS Jaro	3.3	-----	3.3	-----
RGT Exxon	5.0	----------	5.0	----------
DKC 3204	3.7	------	3.7	------
KWS Otto	4.7	---------	4.7	---------
KXB9313	3.7	------	3.7	------
KXB9314	4.0	-------	4.0	-------
KXB9319	3.3	-----	3.3	-----
KXB9370	3.3	-----	3.3	-----
SY Invictus	4.0	-------	4.0	-------
SY Vitamin	3.7	------	3.7	------
Micheleen	2.0	-	2.0	-
LZM269/49	4.7	---------	4.7	---------
LG 31272	5.3	----------	5.3	----------
ES Bond	3.3	-----	3.3	-----
CS Luxuri	2.7	---	2.7	---
DFI48825	4.7	---------	4.7	---------
KWS Robertino	4.7	---------	4.7	---------
SY Talisman	3.7	------	3.7	------
LG 31259	4.3	--------	4.3	--------
Gottardo KWS	2.7	---	2.7	---
Figaro KWS	3.7	------	3.7	------
KWS Damario	4.7	---------	4.7	---------
-Bezugsgrösse(n)	3.3	-----	3.3	-----
Versuchs-Mittel	3.8	------	3.8	------
VK [%]	25.7		25.7	
KGD (5%)	1.6		1.6	
KGD (1%)	2.1		2.1	
Versuchs-Streuung	1.0		1.0	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	9.4	-------	9.3	--------	8.5	---------	9.2	------	10.3	---------
Benedictio KWS	9.5	---------	9.6	----------	8.5	---------	9.3	-------	10.1	--------
SY Telias	9.5	--------	9.3	---------	8.4	-----	9.5	--------	9.8	-----
Severeen	9.1	---	8.2	-	8.5	---------	8.9	----	9.9	------
Amaroc	9.5	---------	9.0	-------	8.5	---------	9.2	------	10.2	---------
LG 31237	9.6	----------	9.2	--------	8.5	---------	9.6	---------	10.3	---------
ES Katamaran	9.4	--------	8.9	------	8.5	---------	9.3	-------	10.5	----------
LG 31245	8.9	-	8.3	--	8.5	----------	8.3	-	10.0	-------
KWS Jaro	9.5	--------	9.2	--------	8.5	---------	9.9	----------	9.7	-----
RGT Exxon	9.6	----------	9.2	--------	8.5	----------	9.5	--------	10.2	--------
DKC 3204	9.4	-------	9.0	-------	8.5	---------	9.2	------	10.3	---------
KWS Otto	9.4	-------	9.3	---------	8.5	---------	9.4	-------	9.8	-----
KXB9313	9.4	--------	9.3	---------	8.5	---------	9.7	----------	10.2	--------
KXB9314	9.0	--	8.8	-----	8.5	---------	8.6	---	10.2	--------
KXB9319	9.1	----	8.4	---	8.5	---------	9.1	------	9.9	------
KXB9370	9.4	-------	9.1	-------	8.5	---------	9.3	-------	9.9	------
SY Invictus	9.5	---------	9.2	--------	8.5	---------	8.9	----	10.4	----------
SY Vitamin	9.2	-----	8.6	----	8.5	---------	8.7	---	10.0	-------
Micheleen	9.4	-------	9.2	--------	8.5	---------	8.9	----	9.8	-----
LZM269/49	9.3	-------	9.2	--------	8.3	-	9.0	-----	9.8	-----
LG 31272	9.4	-------	9.0	-------	8.5	---------	8.8	----	10.5	----------
ES Bond	9.2	----	8.9	------	8.5	---------	9.0	-----	9.7	----
CS Luxuri	9.4	--------	9.3	---------	8.5	---------	9.3	-------	9.9	------
DFI48825	9.3	-------	9.1	-------	8.5	---------	9.3	-------	10.2	--------
KWS Robertino	9.4	--------	9.3	--------	8.5	---------	9.4	-------	9.2	-
SY Talisman	9.2	-----	8.7	----	8.5	---------	9.1	------	9.9	------
LG 31259	9.3	------	9.3	---------	8.5	---------	9.2	------	10.0	-------
Gottardo KWS	9.2	-----	8.8	-----	8.5	---------	8.7	---	10.3	---------
Figaro KWS	9.5	---------	9.2	--------	8.5	---------	9.2	------	9.9	------
KWS Damario	9.4	-------	9.3	--------	8.5	---------	9.1	------	10.1	-------
-Bezugsgrösse(n)	9.3	------	8.6	----	8.5	---------	9.0	-----	10.1	-------
Versuchs-Mittel	9.3	-------	9.1	-------	8.5	---------	9.2	------	10.0	-------
VK [%]	5.3		4.9		1.3		5.1		4.6	
KGD (5%)	0.3		0.7		ns		ns		ns	
KGD (1%)	0.4		ns		ns		ns		ns	
Versuchs-Streuung	0.5		0.4		0.1		0.5		0.5	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	21.2	29	3.00	***	1.49	0.0002
Anbauorte	154.4	7	90.36	***	2.03	0.0000
WW Verf.*Anb.Orte	54.0	203	1.09	ns	1.21	
Fehler	113.3	464				
Insgesamt	342.9	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	9.5	---	9.3	-----	9.5	-----	9.4	------
Benedictio KWS	10.1	---------	9.3	----	9.6	------	9.9	---------
SY Telias	9.9	------	9.7	------	9.4	-----	9.7	--------
Severeen	9.9	-------	8.8	--	9.2	---	9.1	----
Amaroc	10.3	----------	9.6	------	9.8	-------	9.4	------
LG 31237	10.1	---------	9.6	------	9.7	-------	9.6	-------
ES Katamaran	9.8	------	9.6	------	9.2	---	9.8	--------
LG 31245	9.3	-	8.6	--	8.8	-	9.1	----
KWS Jaro	10.0	-------	8.6	--	10.2	----------	9.7	--------
RGT Exxon	9.9	------	10.8	----------	9.5	------	9.5	-------
DKC 3204	10.1	---------	9.4	-----	9.2	----	9.1	----
KWS Otto	10.0	--------	8.8	---	10.0	---------	9.3	------
KXB9313	9.8	------	8.7	--	9.6	------	9.8	--------
KXB9314	9.7	-----	8.5	-	9.2	---	8.6	-
KXB9319	10.2	----------	9.5	-----	9.0	--	8.5	-
KXB9370	9.7	----	9.7	------	9.6	------	9.1	----
SY Invictus	10.0	-------	9.2	----	10.0	---------	10.2	----------
SY Vitamin	10.1	---------	9.1	----	9.4	-----	9.5	------
Micheleen	10.1	---------	9.3	----	9.7	-------	9.7	--------
LZM269/49	10.2	----------	8.8	---	9.7	-------	9.6	-------
LG 31272	9.4	--	9.6	------	9.8	-------	9.5	-------
ES Bond	9.7	----	8.4	-	9.7	-------	9.5	------
CS Luxuri	9.7	-----	9.5	-----	9.7	-------	9.4	------
DFI48825	10.1	---------	8.5	-	9.7	-------	9.4	------
KWS Robertino	10.0	-------	9.5	-----	9.7	-------	9.8	--------
SY Talisman	9.8	------	9.0	----	9.3	----	9.5	------
LG 31259	10.0	--------	8.3	-	9.5	------	9.5	------
Gottardo KWS	9.4	--	8.9	---	9.4	-----	9.4	------
Figaro KWS	10.0	--------	9.7	------	9.9	----------	9.5	------
KWS Damario	9.8	-----	9.3	----	9.5	-----	9.8	--------
-Bezugsgrösse(n)	10.1	---------	9.2	----	9.5	-----	9.3	-----
Versuchs-Mittel	9.9	-------	9.2	----	9.5	------	9.5	------
VK [%]	4.8		9.6		4.4		3.8	
KGD (5%)	ns		ns		ns		0.6	
KGD (1%)	ns		ns		ns		0.8	
Versuchs-Streuung	0.5		0.9		0.4		0.4	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	615.1	------	554.4	------	547.4	-----	634.6	----	739.6	------
Benedictio KWS	647.6	--------	552.9	------	588.3	-------	710.4	-------	759.1	--------
SY Telias	633.5	-------	523.2	----	569.9	------	732.0	--------	751.8	-------
Severeen	629.7	-------	513.2	----	559.0	------	671.1	-----	795.0	----------
Amaroc	620.6	------	522.7	----	573.4	------	608.4	--	704.7	----
LG 31237	615.2	------	500.3	---	520.2	---	684.2	------	769.8	--------
ES Katamaran	631.2	-------	570.2	-------	569.1	------	637.4	----	763.7	--------
LG 31245	637.2	-------	540.4	-----	544.5	-----	721.9	--------	743.0	-------
KWS Jaro	641.8	-------	554.2	------	615.1	---------	706.9	-------	705.8	----
RGT Exxon	616.9	------	526.6	----	584.8	-------	637.1	----	716.1	-----
DKC 3204	619.2	------	526.8	----	560.7	------	619.0	---	736.3	------
KWS Otto	639.9	-------	559.5	------	599.6	--------	649.6	----	758.5	--------
KXB9313	663.0	---------	555.9	------	601.9	--------	788.1	----------	721.0	-----
KXB9314	603.0	-----	557.2	------	554.7	-----	605.3	--	732.8	------
KXB9319	593.3	----	484.2	--	528.6	----	663.4	-----	757.5	-------
KXB9370	650.1	--------	560.1	------	638.2	----------	710.6	-------	697.7	----
SY Invictus	613.1	-----	562.8	-------	556.8	-----	668.7	-----	778.1	---------
SY Vitamin	607.8	-----	500.4	---	580.6	-------	591.2	--	789.8	---------
Micheleen	645.8	--------	495.4	---	585.6	-------	715.3	-------	764.2	--------
LZM269/49	692.5	----------	628.0	----------	631.0	----------	781.0	----------	765.4	--------
LG 31272	685.2	----------	566.0	-------	615.4	---------	726.0	--------	807.5	----------
ES Bond	675.4	---------	573.3	-------	569.9	------	741.7	--------	745.7	-------
CS Luxuri	602.3	-----	561.0	-------	534.0	----	571.5	-	757.8	-------
DFI48825	655.2	--------	582.2	--------	610.5	---------	668.4	-----	721.1	-----
KWS Robertino	655.7	--------	576.0	-------	586.8	-------	721.3	--------	705.4	----
SY Talisman	538.8	-	488.5	--	480.2	-	620.7	---	649.0	-
LG 31259	633.2	-------	539.3	-----	528.2	----	783.3	----------	777.9	---------
Gottardo KWS	571.8	---	464.2	-	517.3	---	627.1	---	733.5	------
Figaro KWS	666.1	---------	567.1	-------	600.8	--------	742.9	---------	710.8	-----
KWS Damario	605.8	-----	535.4	-----	577.8	-------	628.1	---	771.4	--------
-Bezugsgrösse(n)	625.1	------	518.0	----	566.2	------	639.7	----	749.8	-------
Versuchs-Mittel	630.2	-------	541.4	-----	571.0	------	678.9	------	744.3	-------
VK [%]	6.2		5.9		4.9		5.2		7.5	
KGD (5%)	22.2		52.6		46.1		58.3		ns	
KGD (1%)	29.2		69.9		61.3		77.5		ns	
Versuchs-Streuung	39.1		32.2		28.2		35.6		55.9	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	736759.0	29	16.60	***	1.49	0.0000
Anbauorte	2497359.2	7	233.11	***	2.03	0.0000
WW Verf.*Anb.Orte	723289.7	203	2.33	***	1.21	0.0002
Fehler	710145.6	464				
Insgesamt	4667553.5	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	653.3	-------	566.9	----	602.2	---	622.8	------
Benedictio KWS	650.6	-------	609.4	------	648.5	-------	662.0	--------
SY Telias	614.9	------	607.2	------	666.9	--------	602.5	-----
Severeen	643.0	-------	582.9	----	628.5	-----	645.1	-------
Amaroc	649.7	-------	640.3	--------	630.4	-----	635.1	-------
LG 31237	596.4	-----	603.4	------	607.9	----	639.9	-------
ES Katamaran	630.3	------	596.1	-----	653.0	-------	630.1	------
LG 31245	636.0	------	589.5	-----	620.8	-----	701.5	---------
KWS Jaro	628.2	------	628.8	-------	630.9	-----	664.8	--------
RGT Exxon	646.9	-------	583.1	----	595.2	---	645.3	-------
DKC 3204	666.8	-------	611.9	------	593.3	---	639.2	-------
KWS Otto	658.6	-------	623.4	-------	612.0	----	658.3	--------
KXB9313	704.7	---------	594.2	-----	611.0	----	727.2	----------
KXB9314	597.6	-----	598.4	-----	592.0	---	586.2	-----
KXB9319	549.1	---	574.5	----	581.1	--	608.1	------
KXB9370	691.1	--------	597.9	-----	627.2	-----	678.0	--------
SY Invictus	534.7	---	552.1	---	618.0	-----	633.3	-------
SY Vitamin	563.3	----	592.8	-----	652.6	-------	591.8	-----
Micheleen	709.4	---------	600.4	------	636.4	------	659.6	--------
LZM269/49	733.2	----------	637.2	--------	655.1	-------	709.5	----------
LG 31272	761.7	----------	687.4	----------	634.2	------	683.4	---------
ES Bond	668.2	-------	668.8	----------	702.9	----------	732.4	----------
CS Luxuri	554.6	----	599.8	-----	639.3	------	600.4	-----
DFI48825	670.7	--------	649.4	--------	637.2	------	701.9	---------
KWS Robertino	732.2	----------	614.7	------	632.8	------	676.2	--------
SY Talisman	466.9	-	516.6	-	605.0	----	483.6	-
LG 31259	624.9	------	591.8	-----	599.3	---	620.9	------
Gottardo KWS	555.3	----	534.0	--	563.3	-	579.8	----
Figaro KWS	739.9	----------	647.2	--------	639.0	------	680.6	---------
KWS Damario	567.2	----	595.3	-----	601.7	---	570.1	----
-Bezugsgrösse(n)	646.3	-------	611.6	------	629.5	-----	640.1	-------
Versuchs-Mittel	636.6	------	603.2	------	623.9	-----	642.3	-------
VK [%]	7.2		7.7		5.0		4.4	
KGD (5%)	75.1		75.9		50.9		45.8	
KGD (1%)	99.9		ns		67.7		61.0	
Versuchs-Streuung	45.9		46.4		31.1		28.0	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	219.0	-----	233.9	----------	196.9	-----	211.4	----	238.0	------
Benedictio KWS	225.7	------	210.8	-------	203.5	-------	236.1	-------	222.9	--
SY Telias	217.1	----	192.9	----	193.0	----	238.0	--------	228.1	---
Severeen	224.7	------	198.6	-----	204.2	-------	226.1	------	256.8	----------
Amaroc	225.0	------	204.7	------	199.5	------	212.3	----	223.6	--
LG 31237	222.0	-----	197.4	-----	194.9	-----	231.2	-------	238.9	------
ES Katamaran	208.5	--	201.4	-----	181.4	-	199.1	--	242.1	-------
LG 31245	225.4	------	210.3	-------	200.5	------	246.2	---------	226.3	---
KWS Jaro	224.1	------	204.9	------	209.1	---------	236.4	-------	227.6	---
RGT Exxon	227.8	-------	206.8	------	216.0	----------	226.8	------	228.2	---
DKC 3204	227.7	-------	206.8	------	199.0	------	225.5	------	237.9	------
KWS Otto	223.3	------	209.4	-------	208.7	--------	222.2	-----	236.6	------
KXB9313	223.8	------	209.2	-------	197.9	-----	251.8	---------	220.0	-
KXB9314	218.6	----	217.9	--------	201.4	------	211.6	----	218.9	-
KXB9319	212.1	---	186.9	---	192.8	----	227.0	------	228.3	---
KXB9370	220.2	-----	211.8	-------	215.3	----------	232.5	-------	218.3	-
SY Invictus	221.2	-----	217.4	--------	201.5	------	226.7	------	249.9	---------
SY Vitamin	204.8	-	171.0	-	187.2	--	187.6	-	247.8	--------
Micheleen	231.3	--------	197.4	-----	205.0	-------	247.2	---------	240.6	-------
LZM269/49	231.2	--------	228.4	----------	212.1	---------	235.2	-------	240.4	------
LG 31272	240.6	----------	210.8	-------	215.0	----------	252.3	---------	251.0	---------
ES Bond	235.3	---------	217.1	--------	202.3	-------	251.1	---------	231.2	----
CS Luxuri	210.4	--	206.9	------	185.2	--	194.1	-	241.5	-------
DFI48825	224.0	------	213.6	-------	204.8	-------	226.8	------	227.6	---
KWS Robertino	231.7	--------	219.2	--------	214.3	----------	250.8	---------	223.2	--
SY Talisman	204.8	-	193.4	----	181.7	-	213.9	----	216.7	-
LG 31259	223.2	------	203.7	------	193.1	----	260.6	----------	239.6	------
Gottardo KWS	205.4	-	182.2	--	193.3	----	211.2	----	228.5	----
Figaro KWS	220.6	-----	201.3	-----	187.8	--	238.7	--------	221.8	--
KWS Damario	219.0	-----	206.3	------	205.6	--------	229.6	------	243.4	-------
-Bezugsgrösse(n)	224.8	------	201.6	-----	201.9	-------	219.2	-----	240.2	------
Versuchs-Mittel	221.6	-----	205.8	------	200.1	------	228.7	------	233.2	-----
VK [%]	6.2		6.7		4.1		6.2		6.1	
KGD (5%)	7.7		22.5		13.4		23.1		23.2	
KGD (1%)	10.2		29.9		17.8		30.8		ns	
Versuchs-Streuung	13.6		13.8		8.2		14.2		14.2	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	54032.8	29	10.02	***	1.49	0.0000
Anbauorte	149175.5	7	114.57	***	2.03	0.0000
WW Verf.*Anb.Orte	68562.9	203	1.82	***	1.21	0.0006
Fehler	86306.1	464				
Insgesamt	358077.3	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	224.0	-----	216.3	--	195.8	-	235.8	----
Benedictio KWS	220.0	-----	237.8	-------	219.7	-------	254.4	-------
SY Telias	213.6	----	225.0	----	210.9	-----	235.5	----
Severeen	222.4	-----	222.7	----	215.2	------	251.6	-------
Amaroc	230.8	------	253.5	---------	218.1	-------	257.3	--------
LG 31237	216.4	----	240.6	-------	211.9	-----	244.8	------
ES Katamaran	208.0	---	215.4	--	203.7	---	216.5	-
LG 31245	224.7	-----	224.6	----	197.8	--	272.5	----------
KWS Jaro	220.1	-----	233.3	------	212.1	-----	248.9	------
RGT Exxon	245.0	--------	231.9	-----	213.9	------	254.1	-------
DKC 3204	245.4	--------	241.6	-------	216.8	------	248.8	------
KWS Otto	233.4	-------	233.1	------	199.7	--	243.3	-----
KXB9313	235.9	-------	218.0	---	198.2	--	259.3	--------
KXB9314	232.7	------	229.5	-----	199.3	--	237.1	----
KXB9319	211.5	---	226.8	----	196.9	-	226.3	--
KXB9370	228.2	------	220.0	---	195.3	-	239.8	-----
SY Invictus	200.8	--	220.2	---	214.4	------	238.8	-----
SY Vitamin	192.5	-	222.0	---	201.0	--	228.9	---
Micheleen	247.3	---------	235.5	------	215.9	------	261.2	---------
LZM269/49	236.3	-------	232.9	------	213.0	-----	251.0	-------
LG 31272	261.0	----------	259.3	----------	211.2	-----	264.2	---------
ES Bond	234.3	-------	247.2	--------	233.9	----------	265.5	---------
CS Luxuri	205.0	--	224.0	----	202.6	---	223.9	--
DFI48825	238.4	-------	224.5	----	213.8	------	242.5	-----
KWS Robertino	240.9	--------	237.4	------	216.9	------	250.9	-------
SY Talisman	194.9	-	211.0	-	206.9	----	220.0	-
LG 31259	221.9	-----	226.1	----	198.5	--	242.3	-----
Gottardo KWS	203.2	--	206.8	-	194.1	-	223.6	--
Figaro KWS	232.7	------	235.5	------	201.5	--	245.5	------
KWS Damario	209.9	---	227.1	----	198.4	--	231.6	---
-Bezugsgrösse(n)	226.6	------	238.1	-------	216.6	------	254.5	-------
Versuchs-Mittel	224.4	-----	229.3	-----	207.6	----	243.9	-----
VK [%]	7.6		7.8		5.2		4.1	
KGD (5%)	27.9		ns		17.6		16.4	
KGD (1%)	37.2		ns		23.4		21.9	
Versuchs-Streuung	17.1		17.9		10.8		10.1	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	35.8	------	42.4	----------	36.0	--------	33.4	------	32.2	--------
Benedictio KWS	35.1	----	38.1	-----	34.8	------	33.3	------	29.4	-
SY Telias	34.6	---	37.0	----	33.9	-----	32.5	----	30.5	---
Severeen	35.9	------	38.7	------	36.6	---------	33.7	------	32.4	--------
Amaroc	36.4	-------	39.2	-------	34.8	------	34.9	--------	31.8	-------
LG 31237	36.4	-------	39.5	-------	37.6	----------	33.8	------	31.0	-----
ES Katamaran	33.1	-	35.3	--	31.9	--	31.2	--	31.7	------
LG 31245	35.6	-----	38.9	------	36.8	---------	34.1	-------	30.8	----
KWS Jaro	35.0	----	37.0	----	34.1	-----	33.4	------	32.3	--------
RGT Exxon	37.1	--------	39.3	-------	37.0	---------	35.6	---------	31.8	-------
DKC 3204	36.9	--------	39.3	-------	35.5	-------	36.5	----------	32.3	--------
KWS Otto	35.0	----	37.4	-----	34.8	------	34.2	-------	31.2	-----
KXB9313	33.9	--	37.7	-----	33.0	---	31.9	---	30.5	---
KXB9314	36.5	-------	39.1	-------	36.4	--------	35.0	--------	29.9	--
KXB9319	36.1	------	38.7	------	36.5	--------	34.2	-------	30.1	--
KXB9370	34.0	--	37.9	-----	33.8	----	32.7	-----	31.3	-----
SY Invictus	36.3	-------	38.7	------	36.2	--------	33.9	------	32.2	-------
SY Vitamin	33.8	--	34.1	-	32.3	--	31.7	---	31.3	-----
Micheleen	36.1	------	39.8	-------	35.0	------	34.6	-------	31.5	------
LZM269/49	33.5	-	36.4	---	33.7	----	30.1	-	31.5	------
LG 31272	35.3	-----	37.2	----	34.9	------	34.8	--------	31.2	-----
ES Bond	35.0	----	37.9	-----	35.5	-------	33.8	------	31.1	-----
CS Luxuri	35.1	----	36.9	----	34.7	------	33.9	-------	31.9	-------
DFI48825	34.3	---	36.8	----	33.6	----	33.9	------	31.6	------
KWS Robertino	35.5	-----	38.1	-----	36.5	---------	34.9	--------	31.8	-------
SY Talisman	38.5	----------	39.5	-------	37.9	----------	34.5	-------	33.4	----------
LG 31259	35.6	-----	37.8	-----	36.5	---------	33.2	-----	30.8	----
Gottardo KWS	36.3	------	39.3	-------	37.4	----------	33.7	------	31.3	-----
Figaro KWS	33.2	-	35.5	--	31.3	-	32.1	----	31.2	-----
KWS Damario	36.4	-------	38.5	------	35.6	-------	36.6	----------	31.6	------
-Bezugsgrösse(n)	36.2	------	38.9	------	35.7	-------	34.3	-------	32.1	-------
Versuchs-Mittel	35.4	-----	38.1	-----	35.2	------	33.7	------	31.4	------
VK [%]	3.8		5.4		3.4		4.0		5.6	
KGD (5%)	0.8		3.4		1.9		2.2		ns	
KGD (1%)	1.0		ns		2.6		2.9		ns	
Versuchs-Streuung	1.3		2.1		1.2		1.3		1.7	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	1074.4	29	20.68	***	1.49	0.0000
Anbauorte	4050.2	7	322.92	***	2.03	0.0000
WW Verf.*Anb.Orte	826.5	203	2.27	***	1.21	0.0002
Fehler	831.4	464				
Insgesamt	6782.5	703				

Précocité [% MS] / Frühreife [% TS]

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	34.2	---	38.2	------	32.5	----	37.9	----
Benedictio KWS	33.9	---	39.1	--------	33.9	------	38.5	----
SY Telias	34.7	----	37.0	----	31.6	--	39.1	-----
Severeen	34.7	----	38.2	------	34.2	-------	39.1	-----
Amaroc	35.6	-----	39.6	---------	34.6	-------	40.6	------
LG 31237	36.3	-----	39.9	---------	34.9	--------	38.3	----
ES Katamaran	33.0	--	36.1	---	31.2	-	34.4	-
LG 31245	35.4	----	38.1	------	31.9	--	38.9	-----
KWS Jaro	35.1	----	37.1	-----	33.6	-----	37.5	---
RGT Exxon	37.8	-------	39.8	---------	36.0	----------	39.5	-----
DKC 3204	36.8	------	39.5	--------	36.6	----------	38.9	-----
KWS Otto	35.5	----	37.4	-----	32.6	----	36.9	---
KXB9313	33.4	---	36.7	----	32.4	---	35.7	--
KXB9314	38.9	--------	38.4	-------	33.7	------	40.5	------
KXB9319	38.5	-------	39.5	--------	33.9	------	37.2	---
KXB9370	33.0	--	36.8	----	31.1	-	35.4	--
SY Invictus	37.5	------	39.9	---------	34.7	-------	37.7	----
SY Vitamin	34.1	---	37.4	-----	30.8	-	38.8	-----
Micheleen	34.9	----	39.2	--------	33.9	------	39.6	-----
LZM269/49	32.2	-	36.5	----	32.6	----	35.5	--
LG 31272	34.3	---	37.7	------	33.3	-----	38.7	----
ES Bond	35.1	----	37.0	----	33.3	-----	36.3	--
CS Luxuri	37.0	------	37.4	-----	31.7	--	37.3	---
DFI48825	35.6	-----	34.6	-	33.6	-----	34.6	-
KWS Robertino	32.9	--	38.6	-------	34.3	-------	37.1	---
SY Talisman	41.9	----------	40.9	----------	34.2	------	45.6	----------
LG 31259	35.4	----	38.3	-------	33.1	-----	39.1	-----
Gottardo KWS	36.6	------	38.8	-------	34.5	-------	38.6	----
Figaro KWS	31.4	-	36.4	---	31.5	--	36.1	--
KWS Damario	37.1	------	38.1	------	33.0	----	40.7	------
-Bezugsgrösse(n)	35.1	----	38.9	-------	34.4	-------	39.9	-----
Versuchs-Mittel	35.4	----	38.1	------	33.3	-----	38.1	----
VK [%]	3.8		2.0		2.1		2.5	
KGD (5%)	2.2		1.2		1.2		1.6	
KGD (1%)	3.0		1.6		1.5		2.1	
Versuchs-Streuung	1.4		0.8		0.7		1.0	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	157.2	-----	161.2	----------	144.2	------	149.0	----	167.4	------
Benedictio KWS	161.6	------	150.1	-------	144.9	------	165.5	-------	156.2	---
SY Telias	156.9	-----	140.1	-----	141.0	----	164.7	-------	168.1	------
Severeen	161.5	------	140.5	-----	148.1	-------	154.4	-----	183.3	----------
Amaroc	161.1	------	145.7	------	146.0	------	144.1	---	158.7	---
LG 31237	158.1	-----	141.4	-----	139.0	----	158.4	------	168.5	------
ES Katamaran	152.5	---	149.6	-------	130.0	-	142.6	--	173.8	--------
LG 31245	161.5	------	153.4	--------	145.5	------	171.3	--------	158.5	---
KWS Jaro	162.0	------	146.2	------	154.1	---------	163.5	-------	165.3	-----
RGT Exxon	160.7	------	147.2	-------	151.3	--------	153.4	-----	155.4	--
DKC 3204	162.9	-------	147.6	-------	142.3	-----	156.4	-----	169.7	-------
KWS Otto	160.0	------	146.9	-------	151.5	--------	154.4	-----	167.6	------
KXB9313	158.5	-----	149.2	-------	142.8	-----	170.6	--------	151.2	-
KXB9314	153.5	---	154.4	---------	143.2	-----	144.0	---	149.7	-
KXB9319	151.7	---	131.5	--	140.2	----	160.3	------	163.8	-----
KXB9370	159.5	------	156.1	---------	158.9	----------	163.5	-------	157.4	---
SY Invictus	157.9	-----	155.3	---------	143.2	-----	162.1	------	177.5	---------
SY Vitamin	150.0	--	125.7	-	136.3	---	135.0	-	182.0	----------
Micheleen	165.2	--------	137.9	----	146.9	------	177.6	---------	169.1	------
LZM269/49	162.1	------	158.2	----------	151.2	--------	162.4	------	169.1	------
LG 31272	173.4	----------	151.0	--------	155.2	---------	184.2	----------	178.5	---------
ES Bond	166.8	--------	155.2	---------	141.6	-----	172.6	--------	161.5	----
CS Luxuri	150.5	--	146.1	------	132.7	--	133.0	-	171.0	-------
DFI48825	154.4	----	146.2	------	141.5	-----	151.5	----	153.8	--
KWS Robertino	166.6	--------	152.7	--------	153.0	---------	180.8	----------	158.1	---
SY Talisman	146.6	-	140.0	-----	130.5	-	148.3	----	157.0	---
LG 31259	156.6	----	143.4	------	134.6	--	182.4	----------	165.9	-----
Gottardo KWS	146.0	-	132.5	---	136.5	---	145.1	---	159.8	----
Figaro KWS	155.6	----	143.7	------	130.5	-	167.0	-------	149.3	-
KWS Damario	158.6	-----	151.5	--------	148.8	-------	162.4	------	177.5	---------
-Bezugsgrösse(n)	161.3	------	143.1	------	147.0	------	149.3	----	171.0	-------
Versuchs-Mittel	158.3	-----	146.7	-------	143.5	-----	159.3	------	164.8	-----
VK [%]	6.5		7.0		5.3		6.7		6.6	
KGD (5%)	5.9		16.8		12.4		17.5		17.9	
KGD (1%)	7.7		ns		16.5		23.3		23.8	
Versuchs-Streuung	10.3		10.3		7.6		10.7		10.9	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	25447.7	29	8.24	***	1.49	0.0000
Anbauorte	66455.4	7	89.18	***	2.03	0.0000
WW Verf.*Anb.Orte	41133.5	203	1.90	***	1.21	0.0005
Fehler	49395.1	464				
Insgesamt	182431.6	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	164.0	------	153.5	---	145.5	--	172.5	-----
Benedictio KWS	158.7	-----	172.0	--------	162.6	-------	182.7	-------
SY Telias	156.5	----	157.1	----	157.4	------	170.1	----
Severeen	163.1	------	162.6	------	161.6	-------	178.9	-------
Amaroc	165.2	------	179.5	----------	164.2	--------	185.5	--------
LG 31237	159.4	-----	170.1	--------	155.8	-----	172.7	-----
ES Katamaran	157.3	----	154.6	----	154.2	-----	158.2	-
LG 31245	164.3	------	154.6	----	148.7	---	195.4	----------
KWS Jaro	163.4	------	165.5	-------	157.7	------	180.6	-------
RGT Exxon	176.3	--------	160.2	-----	159.1	------	182.7	-------
DKC 3204	179.7	---------	167.3	-------	160.3	-------	180.2	-------
KWS Otto	172.7	--------	165.0	------	146.3	--	175.3	------
KXB9313	174.0	--------	149.8	--	147.1	--	183.2	--------
KXB9314	162.9	------	160.4	-----	144.4	-	169.4	----
KXB9319	151.5	---	157.9	-----	146.1	--	162.2	--
KXB9370	167.7	-------	155.8	----	142.4	-	174.4	-----
SY Invictus	141.1	-	150.0	---	161.1	-------	173.4	-----
SY Vitamin	143.7	--	157.5	----	152.6	----	167.4	----
Micheleen	175.0	--------	166.6	-------	161.1	-------	187.1	---------
LZM269/49	163.5	------	159.0	-----	154.3	-----	179.1	-------
LG 31272	187.8	----------	180.8	----------	157.4	------	192.3	----------
ES Bond	167.7	-------	172.7	--------	171.7	----------	191.4	----------
CS Luxuri	150.7	---	153.0	---	152.2	----	165.5	---
DFI48825	168.8	-------	151.5	---	152.2	----	169.8	----
KWS Robertino	172.7	--------	169.4	--------	164.6	--------	181.1	-------
SY Talisman	138.7	-	150.7	---	152.4	----	155.2	-
LG 31259	155.4	----	154.8	----	142.9	-	173.0	-----
Gottardo KWS	143.5	--	142.7	-	144.5	-	163.8	---
Figaro KWS	165.3	------	162.7	------	149.0	---	177.1	------
KWS Damario	150.4	---	160.2	-----	147.3	--	170.5	----
-Bezugsgrösse(n)	164.1	------	171.0	--------	162.9	--------	182.2	-------
Versuchs-Mittel	162.0	-----	160.6	-----	153.9	-----	175.7	------
VK [%]	8.1		7.6		5.5		4.5	
KGD (5%)	21.3		ns		13.8		12.9	
KGD (1%)	28.4		ns		18.3		17.1	
Versuchs-Streuung	13.1		12.2		8.4		7.9	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	77.6	-	78.4	-----	72.5	----	80.5	----	83.6	----
Benedictio KWS	84.1	-----	77.8	-----	75.7	------	92.1	--------	85.3	----
SY Telias	86.3	-------	78.5	-----	75.9	------	95.6	---------	97.9	---------
Severeen	85.5	------	73.1	--	81.1	---------	88.3	------	103.7	----------
Amaroc	85.2	------	78.5	-----	82.3	----------	80.3	----	86.4	-----
LG 31237	83.2	-----	76.5	----	72.8	----	87.8	------	89.7	------
ES Katamaran	82.0	----	81.3	------	68.1	--	81.6	----	97.5	--------
LG 31245	83.6	-----	84.2	--------	80.7	---------	89.9	-------	80.3	---
KWS Jaro	86.4	-------	77.1	----	82.3	----------	91.0	-------	91.5	------
RGT Exxon	84.2	-----	80.9	------	81.0	---------	84.9	-----	77.3	-
DKC 3204	83.3	-----	79.2	-----	74.2	-----	82.3	----	86.9	-----
KWS Otto	84.1	-----	76.2	----	80.0	---------	89.0	-------	90.6	------
KXB9313	81.4	----	78.1	-----	68.4	--	89.6	-------	78.7	--
KXB9314	78.9	--	80.7	------	76.5	-------	76.3	---	76.5	-
KXB9319	77.2	-	70.2	-	67.7	--	85.1	-----	88.6	-----
KXB9370	83.8	-----	89.1	----------	83.4	----------	94.3	--------	84.1	----
SY Invictus	80.9	---	81.1	------	72.8	----	90.1	-------	93.9	-------
SY Vitamin	80.7	---	70.3	-	75.8	------	74.8	--	99.5	---------
Micheleen	87.2	-------	71.7	-	79.6	--------	101.6	----------	88.3	-----
LZM269/49	83.8	-----	83.6	--------	78.8	--------	92.2	--------	87.3	-----
LG 31272	91.7	----------	81.9	-------	78.6	--------	100.7	----------	95.5	--------
ES Bond	85.6	------	84.3	--------	74.6	------	94.0	--------	85.0	----
CS Luxuri	77.7	-	71.0	-	70.9	---	70.4	-	94.2	-------
DFI48825	77.1	-	75.1	---	71.1	----	78.8	---	81.4	---
KWS Robertino	87.6	--------	78.6	-----	81.6	----------	100.7	----------	85.3	----
SY Talisman	79.1	--	77.5	----	75.1	------	80.0	----	86.0	----
LG 31259	80.8	---	74.3	---	74.4	-----	101.5	----------	81.9	---
Gottardo KWS	77.8	-	73.6	--	72.2	----	80.5	----	87.5	-----
Figaro KWS	78.2	-	70.5	-	66.0	-	89.7	-------	74.8	-
KWS Damario	85.6	------	85.7	---------	83.4	----------	91.4	-------	99.8	---------
-Bezugsgrösse(n)	85.4	------	75.8	----	81.7	----------	84.3	-----	95.0	--------
Versuchs-Mittel	82.7	----	78.0	-----	75.9	------	87.8	------	88.0	-----
VK [%]	7.9		7.8		7.1		7.8		9.1	
KGD (5%)	3.7		10.0		8.8		11.2		13.0	
KGD (1%)	4.9		ns		11.7		14.9		17.3	
Versuchs-Streuung	6.6		6.1		5.4		6.9		8.0	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	9364.0	29	7.52	***	1.49	0.0000
Anbauorte	19729.7	7	65.67	***	2.03	0.0000
WW Verf.*Anb.Orte	17057.4	203	1.96	***	1.21	0.0004
Fehler	19916.0	464				
Insgesamt	66067.0	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	82.9	----	73.8	-	66.0	-	83.0	---
Benedictio KWS	82.6	---	88.3	-------	79.2	--------	91.6	-------
SY Telias	85.3	----	85.8	------	83.0	----------	88.1	-----
Severeen	86.6	-----	79.8	----	82.9	----------	88.9	------
Amaroc	89.9	------	87.9	-------	84.4	----------	92.3	-------
LG 31237	86.8	-----	86.7	------	77.7	-------	87.7	-----
ES Katamaran	84.4	----	84.6	------	76.6	-------	82.0	---
LG 31245	87.6	-----	75.9	--	69.8	---	100.4	----------
KWS Jaro	86.8	-----	92.2	---------	78.2	-------	92.4	-------
RGT Exxon	92.8	-------	83.5	-----	80.4	---------	92.4	-------
DKC 3204	91.7	-------	85.4	------	77.2	-------	89.4	------
KWS Otto	90.1	------	83.8	-----	70.6	----	92.6	-------
KXB9313	97.9	---------	79.7	----	68.4	--	90.8	-------
KXB9314	82.2	---	81.8	----	71.4	----	85.8	-----
KXB9319	79.6	--	78.6	---	69.7	---	77.9	-
KXB9370	88.6	------	80.7	----	65.0	-	85.6	----
SY Invictus	74.8	-	73.1	-	78.4	--------	82.7	---
SY Vitamin	79.6	--	84.1	-----	75.7	------	85.7	----
Micheleen	93.8	-------	90.7	--------	77.6	-------	94.0	--------
LZM269/49	87.0	-----	79.3	---	72.3	----	89.9	------
LG 31272	102.5	----------	96.7	----------	80.2	--------	97.9	----------
ES Bond	90.1	------	85.3	------	76.9	-------	94.2	--------
CS Luxuri	82.7	---	76.5	--	75.6	------	80.5	--
DFI48825	89.9	------	72.5	-	71.4	----	76.6	-
KWS Robertino	92.2	-------	92.6	---------	79.8	--------	89.8	------
SY Talisman	77.1	-	82.8	-----	78.2	-------	76.4	-
LG 31259	84.3	----	77.4	---	69.0	---	84.0	----
Gottardo KWS	80.0	--	75.1	--	70.2	---	83.2	---
Figaro KWS	87.0	-----	79.6	----	72.5	----	85.5	----
KWS Damario	80.5	---	81.3	----	75.1	------	87.9	-----
-Bezugsgrösse(n)	88.3	-----	83.8	-----	83.6	----------	90.6	-------
Versuchs-Mittel	86.6	-----	82.5	-----	75.1	------	87.6	-----
VK [%]	8.6		7.9		6.3		7.7	
KGD (5%)	12.2		10.7		7.8		11.1	
KGD (1%)	ns		14.3		10.3		14.7	
Versuchs-Streuung	7.5		6.6		4.8		6.8	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	718.3	-------	690.3	--	732.3	----------	704.3	------	703.3	-----
Benedictio KWS	716.0	-------	712.0	-----	711.7	-----	701.3	------	700.7	-----
SY Telias	723.2	--------	726.3	--------	730.3	---------	692.0	----	737.3	----------
Severeen	719.2	-------	707.0	-----	725.0	--------	683.0	---	713.0	-------
Amaroc	716.5	-------	712.3	-----	732.0	---------	678.7	--	710.0	------
LG 31237	713.0	------	716.0	------	713.3	-----	685.0	---	705.3	------
ES Katamaran	731.9	----------	742.0	----------	716.3	------	716.0	--------	718.3	--------
LG 31245	717.5	-------	729.3	--------	725.3	--------	696.0	-----	700.3	-----
KWS Jaro	723.8	---------	713.3	------	737.3	----------	691.7	----	726.0	---------
RGT Exxon	705.3	----	712.0	-----	700.3	---	677.0	--	680.7	--
DKC 3204	715.5	-------	714.0	------	715.0	------	693.7	-----	713.3	-------
KWS Otto	716.3	-------	701.3	----	725.7	--------	695.3	-----	708.3	------
KXB9313	709.1	-----	714.0	------	721.7	-------	677.0	--	686.0	---
KXB9314	702.9	----	708.3	-----	711.0	-----	680.3	---	685.0	--
KXB9319	715.8	-------	703.7	----	726.3	--------	706.3	-------	717.7	--------
KXB9370	724.7	---------	736.7	----------	737.0	----------	703.7	------	720.7	--------
SY Invictus	714.0	------	714.0	------	710.7	-----	714.3	--------	710.0	------
SY Vitamin	732.8	----------	735.3	---------	728.7	---------	719.3	---------	734.0	----------
Micheleen	714.3	------	698.7	---	716.7	------	718.3	---------	702.0	-----
LZM269/49	701.7	---	692.3	--	712.7	-----	690.7	----	703.3	-----
LG 31272	721.1	--------	717.3	------	722.0	-------	730.0	----------	710.7	------
ES Bond	708.7	-----	714.3	------	699.7	--	687.0	----	698.7	-----
CS Luxuri	715.8	-------	706.7	----	716.7	------	686.0	---	708.7	------
DFI48825	689.3	-	684.3	-	691.0	-	668.3	-	676.0	-
KWS Robertino	718.8	-------	696.7	---	713.3	-----	720.3	---------	708.7	------
SY Talisman	715.8	-------	724.0	-------	718.0	------	692.3	----	724.7	---------
LG 31259	701.3	---	704.3	----	696.3	--	700.0	------	692.3	----
Gottardo KWS	711.6	------	726.7	--------	706.0	----	687.3	----	699.7	-----
Figaro KWS	705.5	----	713.7	------	695.0	-	699.3	------	673.3	-
KWS Damario	724.3	---------	733.7	---------	724.0	--------	707.0	-------	729.3	---------
-Bezugsgrösse(n)	717.9	-------	709.7	-----	728.5	---------	680.8	---	711.5	-------
Versuchs-Mittel	714.8	------	713.4	------	717.0	------	696.7	-----	706.6	------
VK [%]	2.2		2.3		2.3		2.2		2.3	
KGD (5%)	9.1		26.9		ns		25.2		26.8	
KGD (1%)	11.9		35.8		ns		33.6		35.6	
Versuchs-Streuung	16.0		16.4		16.7		15.4		16.4	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	59228.8	29	8.02	***	1.49	0.0000
Anbauorte	126415.4	7	70.94	***	2.03	0.0000
WW Verf.*Anb.Orte	69520.2	203	1.35	ns	1.21	
Fehler	118113.7	464				
Insgesamt	373278.2	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	732.3	-------	709.3	-------	743.0	-------	731.7	---------
Benedictio KWS	720.7	-----	723.7	---------	739.7	-------	718.3	-----
SY Telias	732.7	-------	698.3	-----	746.3	--------	722.0	------
Severeen	733.3	-------	730.0	----------	751.3	---------	711.0	---
Amaroc	716.0	----	708.3	-------	753.3	---------	721.7	------
LG 31237	737.0	--------	707.0	------	735.3	------	705.3	--
ES Katamaran	756.0	----------	719.0	---------	756.7	----------	730.7	---------
LG 31245	731.7	-------	689.3	---	751.3	---------	717.0	-----
KWS Jaro	742.0	--------	709.7	-------	744.0	-------	726.0	-------
RGT Exxon	718.7	-----	690.7	---	744.0	-------	719.0	------
DKC 3204	732.0	-------	692.0	----	739.3	------	724.3	-------
KWS Otto	739.0	--------	707.3	------	733.0	-----	720.0	------
KXB9313	738.3	--------	687.3	---	742.3	-------	706.3	--
KXB9314	701.0	--	698.7	-----	724.3	---	714.3	----
KXB9319	717.3	-----	696.7	-----	742.0	-------	716.3	-----
KXB9370	735.0	-------	708.7	-------	729.0	----	727.0	--------
SY Invictus	704.3	--	681.0	--	751.3	---------	726.3	-------
SY Vitamin	746.7	---------	709.0	-------	758.3	----------	731.3	---------
Micheleen	708.0	---	707.7	-------	746.3	--------	717.0	-----
LZM269/49	692.3	-	683.0	--	724.7	---	714.3	----
LG 31272	719.0	-----	697.7	-----	745.3	--------	727.0	--------
ES Bond	716.0	----	698.7	-----	734.0	-----	721.3	------
CS Luxuri	735.3	-------	683.0	--	751.0	---------	738.7	----------
DFI48825	708.0	---	675.0	-	711.7	-	700.0	-
KWS Robertino	716.7	----	713.7	--------	759.0	----------	721.7	------
SY Talisman	711.7	----	714.0	--------	737.0	------	705.0	--
LG 31259	698.7	--	685.0	--	719.7	--	714.3	----
Gottardo KWS	706.3	---	690.0	---	744.7	--------	732.3	---------
Figaro KWS	710.3	---	691.3	----	739.7	-------	721.0	------
KWS Damario	715.0	----	706.3	------	742.3	-------	736.7	----------
-Bezugsgrösse(n)	724.7	------	719.2	---------	752.3	---------	716.3	-----
Versuchs-Mittel	722.4	-----	700.4	-----	741.3	-------	720.6	------
VK [%]	2.5		2.0		1.8		2.3	
KGD (5%)	30.0		22.4		22.2		ns	
KGD (1%)	39.9		29.7		29.6		ns	
Versuchs-Streuung	18.3		13.7		13.6		16.4	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	354.6	---	336.7	-	367.7	----	380.7	------	351.3	--
Benedictio KWS	372.5	------	369.0	----	371.7	----	390.3	-------	382.7	------
SY Telias	397.5	----------	407.7	---------	393.0	--------	401.7	---------	429.3	----------
Severeen	380.6	-------	367.7	----	397.3	--------	390.3	-------	403.7	--------
Amaroc	380.4	-------	384.0	------	412.3	----------	377.3	-----	386.7	------
LG 31237	375.5	------	387.0	-------	374.3	-----	379.7	------	376.3	-----
ES Katamaran	393.5	----------	403.0	--------	375.0	-----	410.3	----------	403.0	--------
LG 31245	371.7	------	400.7	--------	401.7	---------	365.3	---	355.3	---
KWS Jaro	385.8	--------	376.7	-----	393.7	--------	385.7	-------	401.3	--------
RGT Exxon	369.7	-----	391.7	-------	375.0	-----	374.3	-----	338.0	-
DKC 3204	366.2	-----	382.7	------	372.3	-----	366.3	----	366.0	----
KWS Otto	376.1	-------	364.0	----	383.3	------	401.0	---------	383.0	------
KXB9313	363.4	----	374.7	-----	345.7	-	355.0	--	355.3	---
KXB9314	361.3	----	370.0	-----	380.0	------	360.3	---	350.0	--
KXB9319	364.2	----	375.0	-----	352.0	--	375.3	-----	388.0	------
KXB9370	380.3	-------	420.7	----------	387.3	-------	405.3	----------	384.7	------
SY Invictus	365.2	-----	373.0	-----	361.0	---	397.0	--------	376.0	-----
SY Vitamin	394.8	----------	412.3	----------	404.7	---------	398.7	---------	401.3	--------
Micheleen	376.6	-------	363.7	----	389.0	-------	410.0	----------	366.3	----
LZM269/49	362.7	----	365.7	----	371.3	----	392.7	--------	363.7	---
LG 31272	381.3	--------	389.7	-------	365.0	---	399.0	---------	380.7	-----
ES Bond	364.2	----	388.3	-------	369.0	----	374.3	-----	368.0	----
CS Luxuri	369.7	-----	343.7	-	383.0	------	363.7	---	390.0	------
DFI48825	344.2	-	351.7	--	347.3	-	347.7	-	357.7	---
KWS Robertino	377.5	-------	359.0	---	380.7	------	401.0	---------	380.3	-----
SY Talisman	387.7	---------	402.0	--------	413.3	----------	373.3	-----	397.0	-------
LG 31259	362.0	----	365.7	----	384.3	------	389.3	-------	341.3	-
Gottardo KWS	379.1	-------	403.3	---------	373.3	-----	381.0	------	384.0	------
Figaro KWS	354.5	---	351.0	--	351.7	-	375.7	-----	337.7	-
KWS Damario	391.2	---------	416.0	----------	405.7	---------	397.7	---------	410.0	--------
-Bezugsgrösse(n)	380.5	-------	375.8	-----	404.8	---------	383.8	------	395.2	-------
Versuchs-Mittel	373.5	------	379.9	------	379.4	------	384.0	------	377.0	-----
VK [%]	5.3		6.0		5.2		4.6		6.5	
KGD (5%)	11.2		37.0		32.4		28.7		40.0	
KGD (1%)	14.8		49.2		43.1		38.2		53.2	
Versuchs-Streuung	19.8		22.6		19.8		17.6		24.5	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	114332.8	29	10.04	***	1.49	0.0000
Anbauorte	78456.4	7	28.53	***	2.03	0.0000
WW Verf.*Anb.Orte	117037.2	203	1.47	ns	1.21	
Fehler	182285.7	464				
Insgesamt	492112.2	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	370.0	---	341.3	---	337.3	--	352.0	------
Benedictio KWS	374.0	----	372.3	-------	360.3	-----	360.0	--------
SY Telias	398.7	--------	381.3	---------	393.7	----------	374.3	----------
Severeen	389.7	------	358.3	------	385.3	---------	352.7	------
Amaroc	390.0	------	347.0	----	387.0	----------	358.7	-------
LG 31237	401.3	--------	360.3	------	367.0	------	358.3	-------
ES Katamaran	406.3	---------	394.0	----------	376.7	--------	379.3	----------
LG 31245	390.0	------	339.3	---	352.7	----	368.7	---------
KWS Jaro	394.3	-------	395.0	----------	369.0	-------	370.7	---------
RGT Exxon	378.7	-----	360.0	------	376.0	--------	363.7	--------
DKC 3204	373.7	----	353.3	-----	356.3	-----	359.0	-------
KWS Otto	385.3	------	359.0	------	353.7	----	379.3	----------
KXB9313	415.3	----------	365.7	-------	345.7	---	350.0	------
KXB9314	354.0	-	356.0	-----	358.0	-----	362.0	--------
KXB9319	376.7	----	347.3	----	355.0	-----	344.3	-----
KXB9370	388.3	------	367.3	-------	332.7	-	356.0	-------
SY Invictus	371.7	---	330.3	--	366.0	------	346.7	-----
SY Vitamin	413.3	----------	378.3	--------	376.0	--------	373.3	----------
Micheleen	379.3	-----	385.0	---------	359.3	-----	360.3	--------
LZM269/49	369.0	---	341.7	---	339.7	--	358.0	-------
LG 31272	392.7	-------	373.3	--------	379.7	--------	370.0	---------
ES Bond	385.3	------	345.0	----	328.7	-	354.7	-------
CS Luxuri	403.3	---------	341.3	---	373.3	-------	359.3	-------
DFI48825	377.3	----	323.0	-	333.7	-	315.3	-
KWS Robertino	382.3	-----	391.0	----------	368.0	-------	358.0	-------
SY Talisman	396.3	--------	393.3	----------	378.7	--------	347.3	------
LG 31259	377.7	----	343.7	---	347.0	---	347.3	------
Gottardo KWS	394.3	-------	363.3	------	361.7	------	371.7	---------
Figaro KWS	373.7	----	338.7	---	360.0	-----	347.7	------
KWS Damario	382.0	-----	360.3	------	378.0	--------	380.0	----------
-Bezugsgrösse(n)	389.8	------	352.7	-----	386.2	---------	355.7	-------
Versuchs-Mittel	386.2	------	360.2	------	361.9	------	359.3	-------
VK [%]	4.3		5.5		4.1		5.9	
KGD (5%)	27.1		32.4		24.0		ns	
KGD (1%)	36.1		43.1		32.0		ns	
Versuchs-Streuung	16.6		19.8		14.7		21.1	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	155.6	-----	165.3	----------	152.7	-----	158.0	-----	156.7	-------
Benedictio KWS	151.2	----	149.0	------	152.7	-----	155.3	-----	153.3	------
SY Telias	145.6	-	143.7	-----	148.3	---	154.7	----	131.0	-
Severeen	151.0	----	150.7	-------	149.0	----	159.7	------	142.7	---
Amaroc	153.4	----	150.0	------	145.0	--	163.0	-------	152.0	------
LG 31237	149.2	---	142.7	----	150.3	----	157.3	-----	148.3	-----
ES Katamaran	147.2	--	142.7	----	161.7	--------	144.3	-	148.3	-----
LG 31245	151.2	----	137.3	---	145.0	--	159.0	------	159.3	-------
KWS Jaro	148.4	--	148.3	------	152.0	-----	157.0	-----	143.3	----
RGT Exxon	154.0	-----	146.3	-----	155.3	------	159.3	------	169.0	----------
DKC 3204	152.8	----	145.3	-----	158.0	-------	158.0	-----	155.3	------
KWS Otto	147.6	--	148.0	------	149.0	----	147.7	--	148.7	-----
KXB9313	160.7	-------	154.0	--------	167.3	----------	172.3	----------	165.3	---------
KXB9314	158.3	------	152.0	-------	154.3	------	166.0	--------	169.0	----------
KXB9319	151.3	----	152.0	-------	157.0	-------	152.7	----	147.3	-----
KXB9370	146.7	--	131.7	--	148.7	----	143.0	-	148.3	-----
SY Invictus	153.8	-----	151.7	-------	160.3	--------	148.3	--	149.0	-----
SY Vitamin	144.7	-	136.7	---	147.0	---	150.3	---	142.7	---
Micheleen	154.2	-----	157.7	---------	154.7	------	149.7	---	162.7	--------
LZM269/49	158.7	-------	157.3	--------	158.0	-------	157.7	-----	164.7	---------
LG 31272	151.0	----	149.3	------	156.7	------	147.3	--	152.0	------
ES Bond	155.7	-----	146.7	------	158.3	-------	158.3	-----	162.0	--------
CS Luxuri	154.1	-----	160.3	---------	152.0	-----	165.0	--------	154.3	------
DFI48825	168.5	----------	164.7	----------	168.0	----------	174.3	----------	172.7	----------
KWS Robertino	150.9	---	158.0	---------	150.7	----	148.0	--	156.0	-------
SY Talisman	148.7	---	142.7	----	140.7	-	162.7	-------	145.3	----
LG 31259	155.6	-----	147.0	------	152.3	-----	154.3	----	165.3	---------
Gottardo KWS	153.5	-----	139.3	----	156.7	------	160.3	------	161.3	--------
Figaro KWS	160.1	-------	156.0	--------	166.7	----------	154.7	----	171.0	----------
KWS Damario	143.8	-	128.3	-	142.0	-	149.0	---	141.7	---
-Bezugsgrösse(n)	152.2	----	150.3	-------	147.0	---	161.3	------	147.3	-----
Versuchs-Mittel	152.6	----	148.5	------	153.7	-----	156.2	-----	154.6	------
VK [%]	5.4		5.9		5.4		5.4		6.3	
KGD (5%)	4.7		14.3		13.4		13.7		15.9	
KGD (1%)	6.1		19.0		17.9		18.3		21.2	
Versuchs-Streuung	8.2		8.8		8.2		8.4		9.8	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	19629.7	29	9.99	***	1.49	0.0000
Anbauorte	3937.3	7	8.30	***	2.03	0.0000
WW Verf.*Anb.Orte	19295.8	203	1.40	ns	1.21	
Fehler	31440.1	464				
Insgesamt	74302.9	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	152.3	-----	154.0	-----	155.0	------	150.7	----
Benedictio KWS	155.7	-------	142.3	-	149.0	----	152.3	----
SY Telias	147.0	---	151.3	----	141.7	-	147.3	---
Severeen	154.3	------	151.3	----	143.7	-	156.7	------
Amaroc	155.3	-------	159.0	------	145.7	--	157.0	------
LG 31237	143.7	-	149.7	---	148.3	---	153.0	-----
ES Katamaran	142.7	-	145.3	--	143.7	-	149.0	---
LG 31245	150.3	----	161.7	-------	149.3	----	147.3	---
KWS Jaro	148.0	---	142.0	-	148.7	----	147.7	---
RGT Exxon	153.0	------	155.0	-----	146.7	---	147.3	---
DKC 3204	151.7	-----	153.3	-----	149.3	----	151.0	----
KWS Otto	146.3	---	149.3	---	148.7	----	143.3	--
KXB9313	147.3	---	157.0	------	158.0	--------	164.0	--------
KXB9314	163.7	----------	157.7	------	155.0	------	148.3	---
KXB9319	150.3	----	151.3	----	148.0	---	151.7	----
KXB9370	147.3	---	148.7	---	155.3	-------	150.7	----
SY Invictus	157.3	--------	162.3	--------	148.3	---	153.3	-----
SY Vitamin	141.7	-	148.7	---	144.7	--	146.0	---
Micheleen	161.0	---------	145.7	--	152.7	-----	149.7	----
LZM269/49	164.0	----------	163.7	--------	154.0	------	150.3	----
LG 31272	155.0	------	152.3	----	146.7	---	149.0	---
ES Bond	152.0	-----	155.7	-----	157.7	--------	155.0	-----
CS Luxuri	145.3	--	162.3	--------	145.7	--	147.7	---
DFI48825	158.0	--------	171.7	----------	164.7	----------	174.3	----------
KWS Robertino	154.3	------	141.3	-	145.0	--	153.7	-----
SY Talisman	148.3	----	142.3	-	148.3	---	159.3	------
LG 31259	159.0	--------	157.7	------	156.3	-------	152.7	----
Gottardo KWS	154.0	------	157.3	------	151.3	-----	148.0	---
Figaro KWS	164.3	----------	160.3	-------	154.3	------	153.3	-----
KWS Damario	152.7	-----	152.3	----	144.7	--	139.3	-
-Bezugsgrösse(n)	154.8	------	155.2	-----	144.7	--	156.8	------
Versuchs-Mittel	152.5	-----	153.4	-----	150.0	----	151.6	----
VK [%]	5.1		5.2		4.1		5.6	
KGD (5%)	12.7		13.0		10.0		13.8	
KGD (1%)	ns		17.4		13.3		ns	
Versuchs-Streuung	7.7		8.0		6.1		8.4	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	349.2	-----	366.7	----------	334.0	-------	363.3	-----	351.7	-----
Benedictio KWS	337.1	---	336.0	------	343.0	---------	355.0	----	337.3	---
SY Telias	332.0	--	322.7	----	319.0	-----	356.3	----	320.3	-
Severeen	340.4	----	331.3	------	322.3	------	376.3	------	335.7	---
Amaroc	345.8	-----	333.7	------	318.3	-----	382.7	-------	351.3	-----
LG 31237	341.0	----	320.7	----	321.3	-----	366.7	-----	353.3	-----
ES Katamaran	331.1	--	310.7	---	341.0	---------	346.0	---	345.0	----
LG 31245	342.3	----	309.3	--	319.3	-----	362.0	-----	369.3	-------
KWS Jaro	333.3	--	324.0	-----	313.3	----	360.3	----	335.3	---
RGT Exxon	350.6	------	327.3	-----	339.0	--------	379.3	-------	381.0	---------
DKC 3204	347.3	-----	319.3	----	342.7	---------	367.0	-----	365.3	-------
KWS Otto	335.0	---	328.0	-----	313.7	----	353.0	----	354.7	-----
KXB9313	355.1	------	336.7	------	342.0	---------	386.7	--------	367.3	-------
KXB9314	357.6	-------	339.0	-------	321.3	-----	386.7	--------	392.7	----------
KXB9319	344.1	----	344.7	-------	323.0	------	354.7	----	347.3	----
KXB9370	328.0	--	299.3	-	306.0	---	328.7	-	334.3	--
SY Invictus	350.3	-----	338.7	-------	349.7	----------	344.3	--	354.0	-----
SY Vitamin	328.6	--	306.3	--	316.3	-----	346.7	---	333.7	--
Micheleen	347.8	-----	354.0	---------	327.0	------	344.3	--	369.3	-------
LZM269/49	352.0	------	343.3	-------	332.3	-------	352.0	---	361.7	------
LG 31272	337.1	---	328.7	-----	328.0	------	334.7	-	346.7	----
ES Bond	346.0	-----	327.7	-----	333.0	-------	357.3	----	363.7	------
CS Luxuri	352.3	------	354.0	---------	331.0	-------	390.0	--------	361.0	------
DFI48825	379.2	----------	364.0	----------	353.0	----------	411.3	----------	394.7	----------
KWS Robertino	339.0	---	346.3	--------	318.0	-----	346.0	---	354.3	-----
SY Talisman	335.7	---	318.0	----	297.7	-	373.3	------	343.0	----
LG 31259	352.7	------	339.3	-------	328.3	-------	357.7	----	374.7	--------
Gottardo KWS	346.5	-----	319.3	----	332.7	-------	371.0	------	373.0	--------
Figaro KWS	356.6	-------	345.0	--------	349.0	----------	356.3	----	380.0	---------
KWS Damario	322.7	-	296.3	-	292.7	-	347.7	---	333.3	--
-Bezugsgrösse(n)	343.1	----	332.5	------	320.3	-----	379.5	-------	343.5	----
Versuchs-Mittel	343.9	----	331.0	------	326.9	------	361.9	-----	356.2	-----
VK [%]	4.9		5.1		6.4		4.4		4.8	
KGD (5%)	9.6		27.7		ns		26.0		27.8	
KGD (1%)	12.6		36.8		ns		34.6		37.0	
Versuchs-Streuung	16.9		16.9		21.0		15.9		17.0	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	89502.9	29	10.77	***	1.49	0.0000
Anbauorte	100985.8	7	50.32	***	2.03	0.0000
WW Verf.*Anb.Orte	83472.7	203	1.43	ns	1.21	
Fehler	133021.5	464				
Insgesamt	406983.0	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	349.3	-------	345.3	----	342.3	------	341.0	-----
Benedictio KWS	347.7	-------	322.0	-	319.7	-	336.3	-----
SY Telias	334.0	----	349.0	----	319.7	-	335.0	----
Severeen	341.3	------	345.3	----	315.7	-	355.3	-------
Amaroc	354.7	--------	359.3	------	319.0	-	347.0	------
LG 31237	332.3	----	353.3	-----	330.3	---	349.7	------
ES Katamaran	321.0	--	330.0	--	321.3	--	333.7	----
LG 31245	340.0	-----	369.3	-------	328.7	---	340.3	-----
KWS Jaro	337.7	-----	328.0	-	333.7	----	333.7	----
RGT Exxon	349.3	-------	357.0	-----	331.7	----	340.0	-----
DKC 3204	344.7	------	357.7	-----	341.3	-----	340.7	-----
KWS Otto	322.3	--	343.7	---	335.3	----	329.0	----
KXB9313	335.7	-----	358.3	-----	346.3	------	367.7	--------
KXB9314	367.3	----------	364.7	------	349.7	-------	339.7	-----
KXB9319	347.0	-------	348.7	----	336.3	----	351.3	------
KXB9370	325.3	---	346.0	----	345.7	------	339.0	-----
SY Invictus	361.0	---------	373.7	-------	334.0	----	347.3	------
SY Vitamin	315.0	-	351.7	-----	325.7	--	333.3	----
Micheleen	362.3	----------	342.3	---	341.0	-----	341.7	-----
LZM269/49	360.0	---------	380.0	--------	343.3	------	343.0	-----
LG 31272	341.3	------	349.3	----	332.3	----	336.0	-----
ES Bond	332.3	----	362.3	------	348.3	-------	343.0	-----
CS Luxuri	325.3	---	379.3	--------	339.7	-----	338.3	-----
DFI48825	355.7	--------	398.0	----------	370.0	----------	387.0	----------
KWS Robertino	345.0	------	331.0	--	329.0	---	342.7	-----
SY Talisman	335.3	----	338.0	---	332.7	----	347.7	------
LG 31259	361.3	---------	365.3	------	350.0	-------	344.7	------
Gottardo KWS	347.3	-------	366.7	------	331.0	---	330.7	----
Figaro KWS	364.7	----------	371.3	-------	340.3	-----	346.0	------
KWS Damario	337.0	-----	350.0	----	321.7	--	303.0	-
-Bezugsgrösse(n)	348.0	-------	352.3	-----	317.3	-	351.2	------
Versuchs-Mittel	343.1	------	354.6	-----	335.2	----	342.1	-----
VK [%]	4.9		4.3		4.1		5.2	
KGD (5%)	27.4		24.7		22.7		29.1	
KGD (1%)	36.5		32.9		30.2		ns	
Versuchs-Streuung	16.8		15.1		13.9		17.8	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	65.6	-------	66.3	--------	70.0	-------	63.3	---	54.7	------
Benedictio KWS	64.9	------	62.0	--	70.0	-------	64.0	----	57.7	----------
SY Telias	66.0	--------	67.7	----------	71.7	--------	66.0	------	51.7	--
Severeen	66.3	--------	66.3	--------	71.3	--------	65.7	-----	56.0	--------
Amaroc	63.4	---	64.7	------	71.0	--------	62.0	--	50.7	-
LG 31237	67.5	----------	68.0	----------	73.3	----------	65.7	-----	55.0	------
ES Katamaran	64.2	-----	62.0	--	73.0	----------	63.0	---	54.3	-----
LG 31245	64.8	------	67.0	---------	70.3	-------	65.3	-----	54.0	-----
KWS Jaro	65.8	--------	65.3	-------	72.0	---------	66.0	------	55.7	-------
RGT Exxon	65.1	------	67.3	----------	71.0	--------	65.7	-----	53.0	----
DKC 3204	65.4	-------	65.3	-------	73.7	----------	65.3	-----	54.3	-----
KWS Otto	66.2	--------	64.0	-----	72.0	---------	65.7	-----	54.0	-----
KXB9313	65.8	--------	62.3	---	69.7	------	66.0	------	55.0	------
KXB9314	64.8	------	62.0	--	69.7	------	65.0	-----	53.0	----
KXB9319	63.4	---	65.7	-------	64.3	-	60.7	-	52.7	---
KXB9370	65.2	------	64.3	-----	71.0	--------	64.7	----	56.0	--------
SY Invictus	61.9	-	62.0	--	66.3	---	64.3	----	51.7	--
SY Vitamin	64.0	----	64.7	------	71.0	--------	63.0	---	53.3	----
Micheleen	65.2	-------	61.7	--	70.3	-------	67.3	-------	52.7	---
LZM269/49	66.2	--------	64.3	-----	70.0	-------	69.0	--------	58.3	----------
LG 31272	63.4	---	62.7	---	66.3	---	64.3	----	55.7	-------
ES Bond	67.0	----------	66.3	--------	69.0	------	71.0	----------	57.0	---------
CS Luxuri	62.8	--	61.0	-	66.0	--	65.0	-----	54.3	-----
DFI48825	65.6	-------	67.0	---------	70.3	-------	63.3	---	55.3	-------
KWS Robertino	67.3	----------	67.7	----------	68.3	-----	69.7	---------	57.0	---------
SY Talisman	63.5	----	64.3	-----	66.3	---	66.3	------	51.3	-
LG 31259	66.4	---------	64.7	------	68.3	-----	71.3	----------	52.7	---
Gottardo KWS	64.7	------	63.3	----	66.3	---	69.0	--------	55.3	-------
Figaro KWS	65.8	--------	63.7	----	67.7	----	68.7	--------	53.7	-----
KWS Damario	65.7	-------	67.3	----------	67.7	----	66.3	------	52.3	---
-Bezugsgrösse(n)	64.8	------	65.5	-------	71.2	--------	63.8	----	53.3	----
Versuchs-Mittel	65.1	------	64.7	------	69.6	------	65.8	-----	54.3	-----
VK [%]	3.9		4.3		3.5		3.3		6.0	
KGD (5%)	1.4		4.6		4.0		3.6		ns	
KGD (1%)	1.9		ns		5.3		4.8		ns	
Versuchs-Streuung	2.5		2.8		2.4		2.2		3.2	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	1244.5	29	6.72	***	1.49	0.0000
Anbauorte	14957.7	7	334.80	***	2.03	0.0000
WW Verf.*Anb.Orte	2393.2	203	1.85	***	1.21	0.0006
Fehler	2961.4	464				
Insgesamt	21556.8	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	70.0	-------	66.3	---------	69.7	--------	64.3	---
Benedictio KWS	69.7	------	65.0	--------	67.3	-----	63.3	-
SY Telias	70.3	-------	67.3	----------	70.7	----------	62.7	-
Severeen	69.3	------	66.7	----------	68.7	-------	66.0	-----
Amaroc	68.7	-----	61.3	----	66.3	---	62.7	-
LG 31237	72.7	---------	66.0	---------	70.0	---------	69.0	---------
ES Katamaran	68.3	-----	59.7	--	67.3	-----	66.0	-----
LG 31245	68.7	-----	61.0	----	68.7	-------	63.0	-
KWS Jaro	71.3	--------	63.7	-------	68.7	-------	63.3	-
RGT Exxon	70.3	-------	60.7	---	67.7	-----	65.3	----
DKC 3204	70.3	-------	60.3	---	69.3	--------	64.7	---
KWS Otto	70.7	-------	65.3	--------	68.7	-------	69.0	---------
KXB9313	74.0	----------	64.3	-------	68.0	------	67.3	-------
KXB9314	66.7	---	64.0	-------	70.3	---------	67.7	-------
KXB9319	68.7	-----	61.7	----	69.0	-------	64.7	---
KXB9370	66.3	---	64.3	-------	69.0	-------	65.7	-----
SY Invictus	64.3	-	58.3	-	64.7	-	63.3	-
SY Vitamin	67.7	----	63.0	------	66.0	---	63.7	--
Micheleen	69.7	------	66.7	----------	67.0	----	66.3	-----
LZM269/49	72.0	--------	63.3	------	67.0	----	65.3	----
LG 31272	68.7	-----	62.0	-----	64.3	-	63.3	-
ES Bond	66.7	---	66.0	---------	70.0	---------	70.3	----------
CS Luxuri	63.7	-	60.0	--	68.7	-------	63.3	-
DFI48825	68.7	-----	63.3	------	67.3	-----	69.3	---------
KWS Robertino	74.3	----------	66.3	---------	67.7	-----	67.0	------
SY Talisman	64.3	-	64.0	-------	66.7	----	64.7	---
LG 31259	72.7	---------	64.3	-------	71.3	----------	66.0	-----
Gottardo KWS	65.7	--	63.7	-------	65.7	---	68.7	--------
Figaro KWS	73.3	----------	64.0	-------	69.0	-------	66.7	------
KWS Damario	68.0	-----	67.3	----------	69.0	-------	67.7	-------
-Bezugsgrösse(n)	69.0	------	64.0	-------	67.5	-----	64.3	---
Versuchs-Mittel	69.2	------	63.7	-------	68.1	------	65.7	-----
VK [%]	3.8		3.1		2.9		4.1	
KGD (5%)	4.3		3.2		3.3		4.4	
KGD (1%)	5.7		4.2		4.4		ns	
Versuchs-Streuung	2.6		1.9		2.0		2.7	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
LG 30248	6.6 -------	6.2 --	6.7 ----------	6.4 ------	6.4 -----
Benedictio KWS	6.5 ------	6.5 -----	6.5 -----	6.4 ------	6.4 -----
SY Telias	6.6 --------	6.6 --------	6.7 ---------	6.3 ----	6.8 ----------
Severeen	6.6 -------	6.4 ----	6.6 --------	6.1 ---	6.5 ------
Amaroc	6.5 -------	6.5 -----	6.7 ---------	6.1 ---	6.4 ------
LG 31237	6.5 ------	6.5 ------	6.5 -----	6.2 ---	6.4 -----
ES Katamaran	6.7 ----------	6.8 ----------	6.5 ------	6.5 --------	6.5 -------
LG 31245	6.5 -------	6.7 --------	6.6 --------	6.3 -----	6.4 -----
KWS Jaro	6.6 ---------	6.5 ------	6.8 ----------	6.3 ----	6.6 ---------
RGT Exxon	6.4 ----	6.5 -----	6.3 --	6.1 --	6.1 --
DKC 3204	6.5 ------	6.5 -----	6.5 -----	6.3 -----	6.5 -------
KWS Otto	6.5 -------	6.3 ---	6.6 --------	6.3 -----	6.4 ------
KXB9313	6.5 -----	6.5 ------	6.6 -------	6.1 --	6.2 ---
KXB9314	6.4 ----	6.4 -----	6.5 -----	6.2 ---	6.2 --
KXB9319	6.5 -------	6.4 ----	6.7 ---------	6.4 -------	6.5 -------
KXB9370	6.6 ---------	6.8 ----------	6.8 ----------	6.4 ------	6.6 --------
SY Invictus	6.5 ------	6.5 ------	6.4 ----	6.5 --------	6.5 ------
SY Vitamin	6.7 ----------	6.7 ----------	6.7 ---------	6.5 --------	6.7 ----------
Micheleen	6.5 ------	6.3 ---	6.5 ------	6.6 ---------	6.4 -----
LZM269/49	6.4 ----	6.3 --	6.5 -----	6.3 ----	6.4 -----
LG 31272	6.6 --------	6.5 ------	6.6 -------	6.7 ----------	6.5 ------
ES Bond	6.5 -----	6.5 ------	6.3 --	6.2 ----	6.3 ----
CS Luxuri	6.5 -------	6.4 ----	6.5 ------	6.2 ---	6.5 ------
DFI48825	6.2 -	6.2 -	6.3 -	6.0 -	6.1 -
KWS Robertino	6.6 -------	6.3 ---	6.5 -----	6.6 ---------	6.4 ------
SY Talisman	6.5 -------	6.6 -------	6.6 -------	6.3 ----	6.6 ---------
LG 31259	6.4 ---	6.4 ----	6.3 --	6.4 ------	6.3 ----
Gottardo KWS	6.5 ------	6.6 --------	6.4 ---	6.2 ----	6.3 ----
Figaro KWS	6.4 ----	6.5 ------	6.3 -	6.4 ------	6.1 -
KWS Damario	6.6 ---------	6.7 ---------	6.6 -------	6.4 -------	6.7 ---------
-Bezugsgrösse(n)	6.5 -------	6.4 -----	6.7 ---------	6.1 ---	6.5 ------
Versuchs-Mittel	6.5 ------	6.5 ------	6.5 ------	6.3 -----	6.4 ------
VK [%]	2.8	2.9	2.9	2.7	2.9
KGD (5%)	0.1	0.3	0.3	0.3	0.3
KGD (1%)	0.1	0.4	ns	0.4	0.4
Versuchs-Streuung	0.2	0.2	0.2	0.2	0.2
FG Fehlerterm	464.0	58.0	58.0	58.0	58.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	7.1	29	7.46	***	1.49	0.0000
Anbauorte	15.6	7	68.43	***	2.03	0.0000
WW Verf.*Anb.Orte	8.8	203	1.33	ns	1.21	
Fehler	15.1	464				
Insgesamt	46.6	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	6.7	-------	6.4	------	6.8	-------	6.7	--------
Benedictio KWS	6.6	-----	6.6	---------	6.8	------	6.5	-----
SY Telias	6.7	-------	6.3	-----	6.9	---------	6.6	------
Severeen	6.7	-------	6.7	----------	6.9	---------	6.5	---
Amaroc	6.5	----	6.4	------	6.9	---------	6.6	------
LG 31237	6.8	--------	6.4	------	6.8	------	6.4	---
ES Katamaran	7.0	----------	6.5	--------	7.0	----------	6.7	--------
LG 31245	6.7	-------	6.2	---	6.9	---------	6.5	-----
KWS Jaro	6.8	---------	6.5	-------	6.8	-------	6.6	-------
RGT Exxon	6.5	----	6.2	---	6.8	-------	6.5	-----
DKC 3204	6.7	-------	6.2	---	6.8	-------	6.6	-------
KWS Otto	6.8	--------	6.4	------	6.7	-----	6.5	-----
KXB9313	6.8	--------	6.2	---	6.8	-------	6.4	--
KXB9314	6.4	--	6.3	-----	6.6	---	6.5	-----
KXB9319	6.5	----	6.3	----	6.8	-------	6.5	-----
KXB9370	6.7	-------	6.4	------	6.7	-----	6.7	--------
SY Invictus	6.4	--	6.2	--	6.9	---------	6.6	------
SY Vitamin	6.9	---------	6.4	------	7.0	----------	6.7	--------
Micheleen	6.5	---	6.4	------	6.9	--------	6.5	-----
LZM269/49	6.3	-	6.2	--	6.6	----	6.5	----
LG 31272	6.6	-----	6.3	-----	6.8	-------	6.6	-------
ES Bond	6.5	----	6.4	-----	6.7	------	6.6	------
CS Luxuri	6.7	-------	6.2	--	6.9	---------	6.8	----------
DFI48825	6.5	---	6.1	-	6.5	-	6.3	-
KWS Robertino	6.5	----	6.5	--------	7.0	----------	6.6	------
SY Talisman	6.5	---	6.5	--------	6.8	------	6.4	--
LG 31259	6.3	-	6.2	--	6.6	--	6.5	----
Gottardo KWS	6.4	--	6.2	---	6.9	--------	6.7	--------
Figaro KWS	6.5	---	6.2	---	6.8	-------	6.6	------
KWS Damario	6.5	----	6.4	------	6.8	-------	6.8	----------
-Bezugsgrösse(n)	6.6	------	6.6	---------	6.9	---------	6.5	-----
Versuchs-Mittel	6.6	-----	6.4	-----	6.8	-------	6.6	------
VK [%]	3.2		2.4		2.3		2.8	
KGD (5%)	0.3		0.2		0.3		ns	
KGD (1%)	ns		0.3		ns		ns	
Versuchs-Streuung	0.2		0.2		0.2		0.2	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
LG 30248	6.8	-------	6.4	--	7.0	----------	6.6	-------	6.6	-----
Benedictio KWS	6.7	-------	6.7	-----	6.7	-----	6.5	------	6.5	-----
SY Telias	6.9	--------	6.9	--------	7.0	----------	6.4	----	7.0	----------
Severeen	6.8	-------	6.6	----	6.8	--------	6.3	---	6.7	-------
Amaroc	6.8	-------	6.7	-----	7.0	----------	6.2	--	6.7	-------
LG 31237	6.7	------	6.7	------	6.7	------	6.3	---	6.6	-----
ES Katamaran	7.0	----------	7.1	----------	6.7	------	6.7	--------	6.8	--------
LG 31245	6.8	-------	6.9	--------	6.9	---------	6.5	-----	6.5	-----
KWS Jaro	6.8	--------	6.7	-----	7.0	----------	6.4	----	6.9	---------
RGT Exxon	6.6	----	6.7	-----	6.5	---	6.2	--	6.2	--
DKC 3204	6.7	------	6.7	-----	6.7	------	6.4	----	6.7	-------
KWS Otto	6.7	-------	6.5	---	6.9	---------	6.4	-----	6.6	------
KXB9313	6.6	-----	6.7	------	6.8	--------	6.2	--	6.3	---
KXB9314	6.6	----	6.6	-----	6.6	-----	6.3	---	6.3	--
KXB9319	6.7	-------	6.6	----	6.9	---------	6.6	------	6.8	--------
KXB9370	6.9	--------	7.0	---------	7.0	----------	6.6	------	6.8	--------
SY Invictus	6.7	------	6.7	------	6.7	-----	6.7	--------	6.7	-------
SY Vitamin	7.0	----------	7.0	---------	6.9	---------	6.8	---------	7.0	----------
Micheleen	6.7	------	6.5	---	6.8	-------	6.8	---------	6.6	-----
LZM269/49	6.5	---	6.4	--	6.7	------	6.4	----	6.6	-----
LG 31272	6.8	--------	6.8	------	6.8	-------	6.9	----------	6.6	------
ES Bond	6.6	-----	6.7	-----	6.5	---	6.3	---	6.5	-----
CS Luxuri	6.7	-------	6.6	----	6.8	-------	6.3	----	6.6	------
DFI48825	6.4	-	6.3	-	6.4	-	6.1	-	6.2	-
KWS Robertino	6.8	-------	6.5	---	6.7	------	6.8	---------	6.6	------
SY Talisman	6.7	-------	6.9	-------	6.8	-------	6.4	-----	6.9	---------
LG 31259	6.5	---	6.6	----	6.5	--	6.5	------	6.4	----
Gottardo KWS	6.7	------	6.9	--------	6.6	----	6.3	----	6.5	-----
Figaro KWS	6.6	----	6.7	-----	6.4	--	6.5	------	6.1	-
KWS Damario	6.9	--------	7.0	---------	6.8	--------	6.6	-------	6.9	---------
-Bezugsgrösse(n)	6.8	-------	6.7	-----	6.9	---------	6.2	---	6.7	-------
Versuchs-Mittel	6.7	------	6.7	-----	6.8	------	6.5	-----	6.6	------
VK [%]	3.5		3.6		3.6		3.5		3.6	
KGD (5%)	0.1		0.4		ns		0.4		0.4	
KGD (1%)	0.2		ns		ns		0.5		0.5	
Versuchs-Streuung	0.2		0.2		0.2		0.2		0.2	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	12.5	29	7.91	***	1.49	0.0000
Anbauorte	26.6	7	69.81	***	2.03	0.0000
WW Verf.*Anb.Orte	14.7	203	1.33	ns	1.21	
Fehler	25.2	464				
Insgesamt	79.0	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
LG 30248	7.0	-------	6.6	-------	7.1	-------	7.0	---------
Benedictio KWS	6.8	-----	6.9	----------	7.1	-------	6.7	-----
SY Telias	7.0	-------	6.5	-----	7.2	--------	6.8	------
Severeen	*7.0*	-------	*6.9*	----------	*7.3*	---------	*6.7*	----
Amaroc	*6.8*	-----	*6.6*	------	*7.3*	---------	*6.8*	------
LG 31237	7.0	-------	6.6	------	7.0	------	6.6	--
ES Katamaran	7.3	----------	6.8	---------	7.3	----------	6.9	--------
LG 31245	7.0	-------	6.4	----	7.3	---------	6.7	-----
KWS Jaro	7.1	--------	6.6	-------	7.2	-------	6.9	-------
RGT Exxon	6.8	-----	6.4	----	7.1	-------	6.8	-----
DKC 3204	7.0	-------	6.4	----	7.1	-------	6.8	------
KWS Otto	7.1	--------	6.6	------	7.0	-----	6.8	------
KXB9313	7.1	--------	6.3	---	7.1	-------	6.6	--
KXB9314	6.5	--	6.5	-----	6.9	---	6.7	----
KXB9319	6.8	-----	6.5	-----	7.1	-------	6.7	-----
KXB9370	7.0	-------	6.6	-------	6.9	----	6.9	-------
SY Invictus	6.6	--	6.2	-	7.3	---------	6.9	--------
SY Vitamin	7.2	---------	6.6	-------	7.4	----------	7.0	---------
Micheleen	6.6	---	6.6	------	7.2	--------	6.7	-----
LZM269/49	6.4	-	6.2	--	6.8	---	6.7	----
LG 31272	6.8	-----	6.4	----	7.2	-------	6.9	-------
ES Bond	6.7	----	6.5	-----	7.0	-----	6.8	------
CS Luxuri	7.0	-------	6.3	---	7.3	---------	7.1	----------
DFI48825	6.6	---	6.1	-	6.7	-	6.5	-
KWS Robertino	6.8	-----	6.7	-------	7.4	----------	6.8	------
SY Talisman	6.7	---	6.7	--------	7.0	------	6.6	--
LG 31259	6.5	--	6.3	---	6.8	--	6.7	----
Gottardo KWS	6.6	---	6.3	---	7.2	-------	6.9	--------
Figaro KWS	6.7	---	6.3	---	7.1	------	6.8	------
KWS Damario	6.7	----	6.6	------	7.1	-------	7.0	----------
-Bezugsgrösse(n)	6.9	------	6.8	---------	7.3	---------	6.8	-----
Versuchs-Mittel	6.8	-----	6.5	-----	7.1	-------	6.8	------
VK [%]	3.9		3.1		2.9		3.5	
KGD (5%)	0.4		0.3		0.3		ns	
KGD (1%)	0.6		0.4		0.5		ns	
Versuchs-Streuung	0.3		0.2		0.2		0.2	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

3.3 Serie mittelspät / *Série mi-tardif*

3.3.1 Standortangaben / *Informations des lieux*

			2020	
PLZ / N°p.	**Ort / Lieu**	**m.ü.M. / altitude**	**Saattermin / date de semis**	**Erntetermin / date de récolte**
1260	**Nyon**	**430**	**24.04.20**	**03.09.20**
1567	**Delley (Avenches)**	**432**	**08.05.20**	**18.09.20**
1896	**Vouvry**	**404**	**23.04.20**	**15.09.20**
3065	**Habstetten**	**690**	**19.05.20**	**14.10.20**
8046	**Reckenholz**	**440**	**25.04.20**	**14.09.20**
8196	**Eglisau**	**395**	**22.05.20**	**21.09.20**
8566	**Ellighausen**	**503**	**08.05.20**	**30.09.20**
9436	**Balgach**	**408**	**18.05.20**	**09.10.20 ***

* Daten nicht für Auswertung berücksichtigt / informations ne pas prisent en compte pour les misent en valeur.

3.3.2 Sorten und Status / *Variétés et statut*

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
Walterinio KWS	KXB3181	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/S
Figaro	KXB3329	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/S	SM21/S
ES Metronom	ESZ2202	SC	Euralis, F	Fenaco, Moudon / Hauenstein, Rafz		SM21/S
P8666	X80H166	SC	Pioneer	Pioneer, Versoix		SM21/S
P8888	X85H899	SC	Pioneer	Pioneer, Versoix		SM21/S
SY Glorius	SA1826	SC	Syngenta, CH	Syngenta, Dielsdorf		SM21/S
LG 31280	LZM 267/33	SC	Limagrain Europe	Fenaco, Moudon		SM21/e2
LG 31272	LZM 267/54	SC	Limagrain Europe	Fenaco, Moudon	KM21/e2	SM21/e2
LG 31479		SC	Limagrain Europe	Fenaco, Moudon		SM21/e2
P8834	X90M326	SC	Pioneer	Pioneer, Versoix	KM21/e2	SM21/e2
P9363	S90K696	SC	Pioneer	Pioneer, Versoix		SM21/e2
SY Impulse	SB2215	SC	Syngenta, CH	Syngenta, Dielsdorf	KM21/e2	SM21/e2
SY Enermax	SC2685	SC	Syngenta, CH	Syngenta, Dielsdorf	KM21/e2	SM21/e2
KWS Shako	KXB8202	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e2
KWS Inteligens	KXB8383	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
	KXB9201	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
	KXB9433	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM21/e1
SY Amfora	SA2178	SC	Syngenta, CH	Syngenta, Dielsdorf	KM21/e1	SM21/e1
SY Infinite	SC3477	SC	Syngenta, CH	Syngenta, Dielsdorf		SM21/e1
P9610	X95M764	SC	Pioneer	Pioneer, Versoix		SM21/e1
	SM K0197	SC	von Moreau Saatzucht, D	Samen Steffen, Langenthal	KM11/1.	SM21/1.
SM Podole	SMH 41816	TC	RWA AG Wien	Fenaco, Moudon		SM21/e1
P1758	P1758	SC	Pioneer	Pioneer, Versoix		SM41/S
Vitalico KWS	KXB6143	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/T
P9911	X00B109	SC	Pioneer	Pioneer, Versoix		SM21/T
Erasmus	SA2184	SC	Deutsche Saatveredelung AG	mehrere		SM21/T
ES Faraday	ESZ5303		Euralis			FS
P9903	X00C209	SC	Pioneer	Pioneer, Versoix	KM41/S	FS
Farmgigant			Famsaat	Samen Steffen, Langenthal		FS
Shannon			Advanta (LG)			FS

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 (380 m ü.M.)	Habstetten (690 m ü.M.)	Avenches (433 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (503 m ü.M.)	Balgach (408 m ü.M.)
Bodenart / type de sol / soil type:	Limono sableux	Limono sableux (argile 22% - MO 2,7% - pH 8,0)	Sandiger Lehm, pH 6.2	Argile tourbeux	Braunerde	Humos eher leicht	Braunerde	Lehm, schwach humos, schwach alkalisch
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):	16.07. irrigation: 35 mm; 28.07. irrigation: 30 mm; 385 mm 1668.8°C	485.1 mm 1874.2 °C (selon AgroMeteo, station Aigle)	676.3 mm 1510.7 °C (Station: Zäziwil)	402.2 mm 1716.1 °C (selon AgroMeteo, station Praz)	432.4 mm 1622.8 °C	374.2 mm 1530.3 °C (AgroMeteo, Station Steinmaur)	389.3 mm 1602.6 °C	836.3 mm (Meteostation Berneck-Feuerbrand) 1774.5 °C (Meteostation Berneck-Indermaur)
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 1.4m Weg (22.4m2 brutto), 10m2 netto	4reihig, mit 1.4m Weg (22.4m2 brutto), 10 m2 netto	4reihig, mit 1.4m Weg (22.4m2 brutto), 10 m2 netto	Semé: 17 m2 per single plot (brut, avec chemin d'environ 1.1 m), 14.4 m2 net, 4 rangs Récolté: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto
Vorfrucht / précédent cultural / previous crop:	Blé d'hiver / winter wheat / Winterweizen	Blé automne / Winterweizen / winter wheat	Mais / maïs / maize	Maïs grain	Kunstwiese / prairie temporaire / temporary grassland	Zuckerrüben	Sonnenblumen	Kunstwiese/ prairie temporaire / temporary grassland
Bodenbearbeitung / travail du sol / soil cultivation:	Labour: 23.03.; herse à disques ,cultivateur et herse rotative: 23.04.	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	27.01.2020: Labour; 06.05.2020: Chisel 07.05.2020: Herse rotative	Pflug (24.01.20), Kulturegge (24.03.20), Kreiselegge (15.+22.04.20)	2x Grubber / Kreiselegge	Herbstfurche und Kreiselegge	09.05.2020 Spaten, 11.05.2020 Fräsen, 18.05.2020 Fräsen
Saat / date de semis / sowing date:	24.04.2020	23.04.2020	19.05.2020	08.05.2020 (jour 129)	25.04.2020	22.05.2020	08.05.2020	18.05.2020
Ernte / date de récolte / harvest date:	03.09.2020	15.09.2020	14.10.2020	18.09.2020 (jour 262)	14.09.2020	21.09.2020	09.10.2020	09.10.2020
Saatdichte / densité de semis / sowing density:	9.1 Körner / grains pro m2	9.1 Körner / grains pro m2	9.1 Körner / grains pro m2	Semis: 10.9 grains pro m2, éclairci à 9.1 plantes/m2	10.1 Körner / grains pro m2	10.1 Körner / grains pro m2	10.1 Körner / grains pro m2	10.1 Körner / grains pro m2
Vegetationsdauer / durée de vegetation / growing period	132 Tage / jours / days	145 Tage / jours / days	148 Tage / jours / days	133 Tage / jours / days	142 Tage / jours / days	122 Tage / jours / days	144 Tage / jours / days	144 Tage / jours / days
Reihenabstand / interlignes / row distance:	75 cm	75 cm	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm

Standort / lieu / site:	Nyon (430 m ü.M.)	Vouvry (380 m ü.M.)	Habstetten (690 m ü.M.)	Avenches (433 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (503 m ü.M.)	Balgach (408 m ü.M.)
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-	-	-	12.06.2020 hacken zwischen den Reihen gekoppelt mit Düngung	-	-	23.05.2020 Striegeln, 11.06.2020 Reihenfräsen
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Gardo Gold 4 l/ ha, Banvel4S 0,5 l/ ha, Elumis 1,3 l/ ha (28.05.)	22.05.2020: Elumis 1l/ha, Gardo Gold 3l/ha, 0,2l/ha Banvel	03.06.2020: Calaris 1.5 l/ha, Dual Gold 1.2 l/ha	19.05.20: Elumis (0.6 L/ha) + Gardo Gold (1.2 L/ha) 30.05.20: Elumis (0.5 L/ha) + Gardo Gold (1.0 L/ha)	28.05.2020: Aspect 1.5l/ha, Laudis 2l/ha, Banvel 4S 0.5l/ha	Spectrum Gold 3 Liter ha + Laudis 1.5 Liter ha	27.5. Aspekt/Laudis/Banvel 4s	18.06.2020 Hector Max
Grunddüngung / fumure de base / basic fertilisation:	Landor 0.20.30: 490 kg ha = 98 kg P2O5/ha, 147 kg K20/ha (18.03.)	14.04.2020: 450kg Landor 13.9.16 = 58 kg N/ha, 40 kg P/ha, 72 kg K/ha	21.04.20: Kali 60 %: 200 kg/ha; Granuphos 17 %: 310 kg /ha = 53 kg P/ha, 120 kg K/ha	Novembre 2019: Kali60 (220 U/ha K) + TopPhos (90 U/ha P)	15.11.2019 Kompost 100t	PK 20.30 400 kg/ha (80kg P2O5/ha, 120 kg K2O/ha) vor 2.x Grubbern	15 t Stapelmist (67.5 kg N/ha), Triple super 60 kg P/ha	09.05.2020 Stapelmist verrottet 20 t/ha (90k g N/ha)
N-Düngung / fumure N / N fertilisation:	Nitrate ammoniaque (8.05.): 185 kg N/ha = 51 kg N/ha; urée perlée 46% (03.06.): 130 kg N/ha = 60 kg N/ha	400 kg /ha Entec 26% = 104 kg N/ha	22.05.20: 40.kg N/ha (ammonitrate); 16.06.20: 82 kg N/ha (Harnstoff)	07.05.2020: Harnstoff (130 U/ha N)	Harnstoff 50 kg N/ha (22.04.2020), Harnstoff 55 kg N/ha (22.05.2020)	Harnstoff (46%) 150 kg N/ha vor Eggen	26.5.20: Ammonsalpeter 38 kg N/ha 13.6.20: Harnstoff 85 kg N/ha	23.05.2020 Mg Ammonsalpeter 24 % N 2.5 kg/a (60kg N/ha) 09.06.2020 Mg Ammonsalpeter 24 % N 2.5 kg/a (60kg N/ha)
N-Mineralisierung zu Vegetationsbeginn / minéralisation azote au début de la saison / N mineralisation at the beginning of the vegetation period:	-	-	-	-	144 kg N/ha (22.05.2020)	-	-	-
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Ensileuse expérimentale	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler

Sorte	Status	VOS	Ertrag	Reife	Jugend-entwi.	Wurzellag. Veg.	Wurzellag. Ernte	Stängelbr. Ernte	Beulen-brand	Oekon. Index	Agron. Index	Gesamt-index
P9363	e2	7.40	0.72	-1.74	-0.22		0.44	0.67	0.35	8.12	-0.50	7.62
P9610	e1	3.08	3.28	-0.73	-0.10		0.38	1.12	0.58	6.36	1.24	7.60
KWS Shako	e2	1.06	5.88	-0.14	0.16		0.00	0.67	-0.93	6.94	-0.23	6.71
P9903	FS	6.24	-0.28	-1.17	-0.19		0.32	1.12	0.63	5.96	0.71	6.67
KXB9433	e1	3.27	-2.95	3.03	0.14		0.27	1.12	0.39	0.32	4.95	5.26
LG 31272	e2	-6.35	5.53	4.17	0.62		-0.05	0.67	0.41	-0.82	5.81	4.99
SY Amfora	e1	3.72	0.05	2.20	0.26		-3.68	1.12	0.29	3.77	0.19	3.96
SY Enermax	e2	7.29	-7.37	2.30	-0.53		-0.02	0.67	0.63	-0.09	3.05	2.96
P9911	T	0.83	4.77	-4.72	0.02		0.26	1.12	0.53	5.60	-2.80	2.80
P8834	e2	5.23	-1.66	0.71	0.12		-3.16	1.12	0.17	3.57	-1.05	2.52
SY Impulse	e2	4.58	-2.96	1.01	0.07		-0.44	0.22	-0.50	1.62	0.36	1.99
Vitalico KWS	T	-3.44	0.65	3.47	0.21		-0.74	1.12	0.52	-2.78	4.58	1.80
Walterinio KWS	S	1.93	-0.63	0.71	0.09		0.21	-0.67	-0.42	1.30	-0.08	1.22
P1758	FS	-0.07	5.18	-7.26	-0.22		-0.21	1.12	0.59	5.11	-5.98	-0.87
KXB9201	e1	-5.10	-0.46	4.15	0.02		-0.37	0.22	0.46	-5.56	4.49	-1.07
P8888	S	-1.93	0.63	-0.71	-0.09		-0.21	0.67	0.42	-1.30	0.08	-1.22
KWS Inteligens	e1	5.90	-0.71	-5.47	-0.34		-2.38	1.12	0.53	5.18	-6.55	-1.36
Shannon	FS	4.85	-4.16	-3.17	-0.41		-0.28	1.12	0.51	0.69	-2.22	-1.53
SY Glorius	S	-9.10	3.60	2.52	0.64		-0.29	0.67	0.12	-5.50	3.66	-1.83
LG 31280	e2	-4.45	1.83	1.51	0.45		-2.43	0.67	0.29	-2.61	0.49	-2.13
SY Infinite	e1	3.48	-2.04	-5.48	-0.31		0.44	1.12	0.59	1.44	-3.63	-2.20
ES Metronom	S	-4.75	-1.10	1.93	0.12		0.32	0.67	-0.08	-5.85	2.95	-2.90
ES Faraday	FS	2.92	-2.97	-2.74	0.00		-1.38	0.67	0.53	-0.04	-2.91	-2.95
LG 31479	e2	5.32	-5.82	-4.69	-0.12		0.39	0.67	0.24	-0.49	-3.51	-4.00
SM K0197	1.	-2.96	-3.99	2.45	0.24		-1.52	1.12	0.46	-6.95	2.75	-4.20
Farmgigant	FS	-1.44	-4.14	0.35	0.26		-2.06	1.12	0.46	-5.57	0.12	-5.45
Erasmus	T	-1.72	0.73	-2.62	0.26		-4.77	0.67	0.45	-1.00	-6.02	-7.01
Figaro KWS	S	-7.91	-2.52	1.33	0.19		-0.38	1.12	0.60	-10.44	2.86	-7.58
P8666	S	-5.82	-2.46	1.22	-0.38		-0.60	0.67	-0.35	-8.27	0.55	-7.72
SM Podole	e1	-12.26	-6.64	3.38	0.19		-1.83	1.12	-0.08	-18.90	2.78	-16.12
Bezugsgrössen		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Anz. Beob.		21	21	21	21		12	3	18			
Anz. Orte		7	7	7	7		4	1	6			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.3.5 Zusammenfassung / *Résumé*

Sorten Bezeichnung	Jugendentwicklg. Note	Saatweibl. Blüte Tage	Saatmännl. Blüte Tage	Pflanzenhöhe cm	Kolbenansatzhöhe cm	relat. Kolbenhöhe %	Green snapp %	Wurzellager Ernte %	Stängelbruch Ernte %
Walterinio KWS	4.3	81.1	81.1	280.9	124.8	44.4	0.0	0.8	16.7
Figaro KWS	4.1	80.7	81.5	267.7	127.2	47.5	0.0	2.2	0.0
ES Metronom	4.3	79.3	80.1	268.0	122.2	45.6	0.0	0.6	4.2
P8666	5.3	85.2	85.7	261.5	129.4	49.3	0.0	2.7	4.2
P8888	4.7	83.7	84.9	280.7	131.5	46.9	0.0	1.8	4.2
SY Glorius	3.2	81.3	81.7	280.5	127.6	45.3	0.0	2.0	4.2
LG 31280	3.6	81.2	81.8	276.2	125.2	45.1	0.0	7.0	4.2
LG 31272	3.3	79.9	80.5	282.3	137.7	48.7	0.0	1.4	4.2
LG 31479	4.8	88.5	87.4	283.9	136.3	47.9	0.0	0.4	4.2
P8834	4.3	84.0	84.3	259.9	133.3	51.2	0.0	8.7	0.0
P9363	5.0	86.7	87.3	269.5	125.9	46.5	0.0	0.3	4.2
SY Impulse	4.4	82.4	82.9	266.2	129.4	48.5	0.0	2.3	8.3
SY Enermax	5.6	84.9	85.6	273.7	128.5	46.8	0.0	1.4	4.2
KWS Shako	4.2	84.3	84.3	287.5	134.3	46.4	0.0	1.3	4.2
KWS Inteligens	5.2	87.7	87.3	275.7	117.3	42.3	0.0	6.9	0.0
KXB9201	4.5	83.4	84.0	265.9	128.9	48.2	0.0	2.2	8.3
KXB9433	4.2	86.5	86.1	263.2	121.2	45.9	0.0	0.7	0.0
SY Amfora	4.0	82.5	82.7	265.7	126.7	47.8	8.3	9.9	0.0
SY Infinite	5.1	88.1	87.8	270.3	128.9	47.8	0.0	0.3	0.0
P9610	4.7	85.9	86.1	273.9	122.8	44.6	0.0	0.4	0.0
SM K0197	4.0	80.7	81.3	259.7	124.8	48.0	0.0	4.9	0.0
SM Podole	4.1	81.7	82.2	273.2	130.4	47.5	12.5	5.6	0.0
P1758	5.0	90.2	90.7	274.6	133.0	48.5	0.0	1.8	0.0
Vitalico KWS	4.1	81.7	82.0	270.7	131.3	48.4	0.0	3.0	0.0
P9911	4.5	88.6	88.7	262.9	129.4	49.1	0.0	0.7	0.0
Erasmus	4.0	82.7	83.1	280.1	134.5	48.0	4.2	12.4	4.2
ES Faraday	4.5	84.6	84.4	275.6	133.8	48.5	0.0	4.5	4.2
P9903	4.9	86.1	86.5	270.3	127.3	46.9	0.0	0.6	0.0
Farmgigant	4.0	81.0	81.3	253.0	116.4	46.0	4.2	6.1	0.0
Shannon	5.3	88.9	88.4	286.4	134.3	46.8	0.0	2.0	0.0
Bezugsgrössen	4.5	82.4	83.0	280.8	128.1	45.6	0.0	1.3	10.4
Versuchs-Mittel	4.4	84.1	84.4	272.0	128.5	47.2	1.0	3.2	2.8
VK [%]	16.2	1.9	1.7	4.2	7	7.3	229.3	353.5	184.1
KGD (5%)	0.4	1.1	1	8.3	6.5	2.5	3.6		
KGD (1%)	0.6	1.5	1.4	10.9	8.5	3.2	4.8		
Versuchs-Streuung	0.7	1.6	1.4	11.5	9	3.4	2.2	11.2	5.1
FG Fehlerterm	405	289	289	289	289	289	58	231	58
Anz. Beob.	21	15	15	15	15	15	3	12	3
Anz. Orte	7	5	5	5	5	5	1	4	1
Minimum	3.2	79.3	80.1	253	116.4	42.3	0	0.3	0
Maximum	5.6	90.2	90.7	287.5	137.7	51.2	12.5	12.4	16.7

Sorten Bezeich-nung	Helmin. thosp. Note	Beulen-brand %	Mais-zünsler %	allg. Ein-druck Note	Effekt. Best. dichte Pfl./m2	Ertrag g.Pfl. frisch dt/ha	TS-Ertrag g.Pfl. dt/ha	TS-Gehalt g.Pfl. %	VOS-Ertrag dt/ha
Walterinio KWS	3.8	5.0	2.1	4.0	8.5	641.9	222.4	35.0	160.9
Figaro KWS	1.8	0.2	1.3	3.3	8.6	619.4	218.6	35.5	152.7
ES Metronom	2.8	3.4	2.4	4.0	8.3	617.0	221.5	36.0	156.6
P8666	1.8	4.7	1.8	4.7	7.9	621.3	218.8	35.4	154.0
P8888	2.5	1.1	2.2	3.3	8.2	667.6	224.9	33.9	160.6
SY Glorius	3.0	2.5	1.8	3.3	8.7	636.1	230.9	36.5	160.8
LG 31280	1.8	1.7	1.7	3.7	8.6	644.7	227.3	35.7	160.9
LG 31272	3.3	1.1	1.4	4.3	8.4	625.6	234.7	37.8	164.8
LG 31479	2.0	1.9	2.1	3.7	8.5	691.7	212.0	30.7	155.2
P8834	2.0	2.2	1.5	3.7	8.5	629.6	220.4	35.0	161.2
P9363	1.8	1.4	0.5	3.0	8.4	685.6	225.1	33.1	165.9
SY Impulse	1.8	5.4	1.5	4.3	8.3	619.2	217.8	35.3	158.9
SY Enermax	2.5	0.1	2.4	5.3	8.3	580.9	208.9	36.3	153.9
KWS Shako	2.8	7.4	1.8	1.7	8.5	686.3	235.4	34.4	169.8
KWS Inteligens	1.7	0.6	0.7	3.0	8.2	741.5	222.3	30.1	163.0
KXB9201	2.2	0.9	0.9	2.0	8.7	590.8	222.8	37.8	157.4
KXB9433	2.0	1.2	1.1	4.7	8.6	604.8	217.8	36.9	158.2
SY Amfora	3.2	1.7	2.2	5.3	8.7	624.7	223.8	36.2	162.8
SY Infinite	2.2	0.3	1.3	3.0	8.6	731.8	219.6	30.1	159.9
P9610	2.3	0.3	2.0	5.0	8.1	683.0	230.2	33.9	167.5
SM K0197	4.0	0.9	1.4	5.3	8.7	597.7	215.7	36.4	153.5
SM Podole	2.2	3.4	4.0	5.0	8.6	571.3	210.4	37.2	145.0
P1758	1.5	0.3	0.6	1.7	8.4	820.0	234.0	28.7	168.6
Vitalico KWS	2.2	0.6	1.5	3.3	8.6	607.3	225.0	37.2	159.9
P9911	2.0	0.5	0.6	2.7	8.6	762.9	233.2	30.7	168.3
Erasmus	3.3	0.9	2.6	3.7	8.5	699.1	225.1	32.4	161.0
ES Faraday	3.0	0.5	0.9	4.0	8.6	677.8	217.7	32.3	158.5
P9903	1.8	0.1	0.9	5.3	8.4	670.1	223.1	33.5	164.0
Farmgigant	2.0	0.9	1.1	4.3	8.3	622.2	215.4	34.7	154.1
Shannon	2.5	0.6	1.7	3.3	8.3	675.9	215.4	31.9	157.9
Bezugsgrössen	3.2	3.0	2.2	3.7	8.4	654.8	223.7	34.5	160.8
Versuchs-Mittel	2.4	1.7	1.6	3.8	8.5	654.9	222.3	34.3	159.9
VK [%]	35.9	108.4	92	22	5	6.3	5.6	4.3	6.2
KGD (5%)	1	1.2	1.4	1.4	0.3	25.2	7.5	0.9	6
KGD (1%)	1.3	1.6	1.8	1.8	0.3	33.1	9.9	1.2	7.9
Versuchs-Streuung	0.9	1.9	1.5	0.8	0.4	41.5	12.4	1.5	9.9
FG Fehlerterm	116	347	174	58	405	405	405	405	405
Anz. Beob.	6	18	9	3	21	21	21	21	21
Anz. Orte	2	6	3	1	7	7	7	7	7
Minimum	1.5	0.1	0.5	1.7	7.9	571.3	208.9	28.7	145
Maximum	4	7.4	4	5.3	8.7	820	235.4	37.8	169.8

Sorten Bezeich-nung	Stärke-Ertrag dt/ha	VOS Gehalt NIR g/kg	Stärke Gehalt NIR g/kg	Rohfaser Gehalt NIR g/kg	NDF Gehalt NIR g/kg	Rohprot. Gehalt NIR g/kg	NEL Gehalt MJ/kg	NEV Gehalt MJ/kg
Walterinio KWS	86.8	724.5	390.5	144.4	325.2	67.8	6.6	6.9
Figaro KWS	79.1	699.9	361.5	155.7	345.1	64.1	6.4	6.5
ES Metronom	82.6	707.8	372.2	150.7	340.2	69.2	6.4	6.6
P8666	78.3	705.1	357.7	159.4	353.6	67.6	6.4	6.6
P8888	79.9	714.9	355.5	159.3	350.0	67.3	6.5	6.7
SY Glorius	84.2	697.0	364.7	157.6	350.1	65.3	6.3	6.5
LG 31280	88.1	708.6	387.7	146.5	331.8	67.3	6.4	6.6
LG 31272	86.7	703.8	369.8	156.2	344.0	62.4	6.4	6.6
LG 31479	78.3	733.0	367.6	159.8	341.6	65.1	6.7	7.0
P8834	88.4	732.8	401.0	150.3	333.5	63.9	6.7	7.0
P9363	87.5	738.2	388.3	153.9	336.9	63.6	6.8	7.1
SY Impulse	84.1	731.1	386.6	150.9	329.0	66.7	6.7	7.0
SY Enermax	81.5	737.9	390.5	151.7	338.7	65.0	6.8	7.1
KWS Shako	84.7	722.3	359.0	155.7	343.4	64.9	6.6	6.8
KWS Inteligens	79.5	734.4	357.6	164.0	356.4	64.8	6.7	7.0
KXB9201	85.1	707.0	382.0	154.6	346.4	66.8	6.4	6.6
KXB9433	84.3	727.9	387.2	151.5	341.3	64.3	6.7	6.9
SY Amfora	85.9	729.0	385.1	141.8	330.3	62.2	6.7	6.9
SY Infinite	77.0	728.4	350.3	163.7	354.9	66.3	6.7	6.9
P9610	88.0	727.4	382.0	157.1	349.7	62.9	6.6	6.9
SM K0197	84.8	712.3	393.5	146.6	338.1	69.4	6.5	6.7
SM Podole	74.4	689.0	355.0	159.4	362.4	66.4	6.2	6.4
P1758	75.8	719.5	322.7	171.3	375.1	68.5	6.6	6.8
Vitalico KWS	83.1	711.1	369.9	153.8	346.3	66.4	6.5	6.7
P9911	84.1	721.8	360.4	161.9	357.6	67.0	6.6	6.8
Erasmus	80.7	715.4	358.9	148.4	338.0	73.8	6.5	6.7
ES Faraday	82.8	727.0	380.2	153.9	341.7	66.0	6.7	6.9
P9903	87.2	735.3	391.4	151.5	340.0	64.4	6.7	7.0
Farmgigant	82.3	716.1	383.1	149.2	344.8	72.5	6.5	6.7
Shannon	78.9	731.8	365.3	154.5	342.6	66.4	6.7	7.0
Bezugsgrössen	83.4	719.7	373.0	151.9	337.6	67.5	6.6	6.8
Versuchs-Mittel	82.8	719.7	372.6	154.5	344.3	66.3	6.6	6.8
VK [%]	8.2	2.4	5.3	5.1	5	4.3	3	3.7
KGD (5%)	4.1	10.4	12.1	4.8	10.5	1.7	0.1	0.2
KGD (1%)	5.5	13.6	15.9	6.3	13.8	2.3	0.2	0.2
Versuchs-Streuung	6.8	17.1	19.9	7.9	17.3	2.9	0.2	0.3
FG Fehlerterm	405	405	405	405	405	405	405	405
Anz. Beob.	21	21	21	21	21	21	21	21
Anz. Orte	7	7	7	7	7	7	7	7
Minimum	74.4	689	322.7	141.8	325.2	62.2	6.2	6.4
Maximum	88.4	738.2	401	171.3	375.1	73.8	6.8	7.1

3.3.6 Details / *Détails*

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	4.3	-----	5.3	-------	5.0	--------	4.0	--	4.0	----
Figaro KWS	4.1	----	5.0	-----	5.0	--------	4.0	--	4.0	----
ES Metronom	4.3	-----	5.0	-----	5.3	--------	4.3	---	3.3	--
P8666	5.3	---------	5.7	---------	5.0	--------	5.7	---------	5.3	--------
P8888	4.7	-------	5.3	-------	4.3	------	5.7	---------	4.7	------
SY Glorius	3.2	-	4.3	-	1.7	-	3.7	-	3.3	--
LG 31280	3.6	--	5.0	-----	3.7	-----	4.3	---	4.0	----
LG 31272	3.3	-	4.7	---	3.3	----	4.3	---	3.0	-
LG 31479	4.8	-------	5.3	-------	4.7	-------	5.0	------	5.0	-------
P8834	4.3	-----	5.3	-------	4.0	------	4.3	---	4.3	-----
P9363	5.0	--------	5.7	---------	5.0	--------	5.0	------	5.0	-------
SY Impulse	4.4	-----	5.3	-------	4.0	------	5.0	------	5.0	-------
SY Enermax	5.6	----------	5.7	---------	6.3	----------	6.0	----------	5.3	--------
KWS Shako	4.2	-----	5.3	-------	4.7	-------	4.7	-----	4.7	------
KWS Inteligens	5.2	---------	6.0	----------	5.3	--------	5.7	---------	4.3	-----
KXB9201	4.5	------	5.7	---------	3.7	-----	5.3	--------	4.7	------
KXB9433	4.2	-----	4.7	---	3.7	-----	5.3	--------	5.0	-------
SY Amfora	4.0	----	5.0	-----	4.7	-------	4.0	--	4.0	----
SY Infinite	5.1	---------	5.7	---------	4.0	------	5.7	---------	6.0	----------
P9610	4.7	-------	5.3	-------	3.7	-----	5.7	---------	5.0	-------
SM K0197	4.0	----	4.7	---	5.0	--------	4.3	---	4.0	----
SM Podole	4.1	----	5.0	-----	5.3	--------	5.0	------	4.0	----
P1758	5.0	--------	5.7	---------	4.3	------	4.7	-----	5.3	--------
Vitalico KWS	4.1	----	5.3	-------	4.3	------	4.0	--	4.3	-----
P9911	4.5	------	5.3	-------	4.7	-------	5.3	--------	4.7	------
Erasmus	4.0	----	5.0	-----	3.0	---	4.7	-----	4.0	----
ES Faraday	4.5	------	4.7	---	4.7	-------	4.7	-----	4.7	------
P9903	4.9	--------	5.7	---------	5.0	--------	5.0	------	4.7	------
Farmgigant	4.0	----	4.7	---	4.0	------	4.7	-----	4.0	----
Shannon	5.3	----------	6.0	----------	5.0	--------	6.0	----------	5.3	--------
-Bezugsgrösse(n)	4.5	------	5.3	-------	4.7	-------	4.8	------	4.3	-----
Versuchs-Mittel	4.4	------	5.2	------	4.4	------	4.9	------	4.5	------
VK [%]	16.2		9.6		21.7		16.2		9.1	
KGD (5%)	0.4		0.8		1.6		1.3		0.7	
KGD (1%)	0.6		1.1		2.1		1.7		0.9	
Versuchs-Streuung	0.7		0.5		1.0		0.8		0.4	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	199.5	29	13.29	***	1.50	0.0000
Anbauorte	169.3	6	54.48	***	2.12	0.0000
WW Verf.*Anb.Orte	124.0	174	1.38	ns	1.23	
Fehler	209.7	405				
Insgesamt	702.5	614				

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	4.3	---------	4.0	-----	3.7	---
Figaro KWS	2.7	----	3.7	---	4.7	------
ES Metronom	3.7	-------	4.3	------	4.0	----
P8666	4.7	----------	5.3	----------	5.3	--------
P8888	3.7	-------	4.7	--------	4.7	------
SY Glorius	2.3	---	3.3	--	4.0	----
LG 31280	2.3	---	3.0	-	3.0	-
LG 31272	1.7	-	3.0	-	3.0	-
LG 31479	4.0	--------	4.3	------	5.0	-------
P8834	3.3	------	4.3	------	4.3	-----
P9363	3.7	-------	5.0	---------	5.3	--------
SY Impulse	3.0	-----	4.7	--------	3.7	---
SY Enermax	4.3	---------	5.3	----------	6.0	----------
KWS Shako	2.7	----	3.7	---	3.7	---
KWS Inteligens	4.3	---------	5.3	----------	5.3	--------
KXB9201	2.7	----	5.0	---------	4.3	-----
KXB9433	2.7	----	4.3	------	4.0	----
SY Amfora	3.0	-----	3.7	---	3.7	---
SY Infinite	4.3	---------	5.3	----------	5.0	-------
P9610	3.3	------	4.7	--------	5.3	--------
SM K0197	3.3	------	3.7	---	3.3	--
SM Podole	2.7	----	3.3	--	3.7	---
P1758	4.3	---------	5.0	---------	5.3	--------
Vitalico KWS	2.7	----	3.7	---	4.3	-----
P9911	3.0	-----	4.3	------	4.0	----
Erasmus	4.0	--------	3.3	--	4.0	----
ES Faraday	4.0	--------	4.3	------	4.7	------
P9903	4.3	---------	4.7	--------	5.0	-------
Farmgigant	4.0	--------	3.3	--	3.3	--
Shannon	4.0	--------	5.3	----------	5.7	---------
-Bezugsgrösse(n)	4.0	--------	4.3	------	4.2	----
Versuchs-Mittel	3.4	------	4.3	------	4.4	-----
VK [%]	24.7		14.6		17.1	
KGD (5%)	1.4		1.0		1.2	
KGD (1%)	1.8		1.4		1.6	
Versuchs-Streuung	0.8		0.6		0.7	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1896 Vouvry		3065 Habstetten		8046 Reckenholz ZH	
Walterinio KWS	81.1	--	83.7	---	83.7	-	74.3	--	84.0	---
Figaro KWS	80.7	--	82.3	--	85.7	---	73.0	-	82.7	--
ES Metronom	79.3	-	80.7	-	84.0	-	73.0	-	80.3	-
P8666	85.2	------	87.7	------	89.3	-------	77.3	-----	88.3	------
P8888	83.7	-----	84.7	----	89.3	-------	76.7	----	85.0	----
SY Glorius	81.3	--	82.3	--	84.3	-	75.0	---	83.7	---
LG 31280	81.2	--	82.3	--	86.0	---	74.0	--	82.3	--
LG 31272	79.9	-	81.3	-	83.7	-	73.0	-	82.0	--
LG 31479	88.5	---------	92.7	----------	89.3	-------	82.3	----------	91.3	--------
P8834	84.0	-----	87.0	-----	87.3	-----	75.3	---	87.3	-----
P9363	86.7	-------	88.7	-------	91.7	---------	79.7	-------	88.3	------
SY Impulse	82.4	---	84.0	---	86.7	----	76.0	----	84.7	----
SY Enermax	84.9	------	86.3	-----	90.0	-------	77.7	-----	86.0	----
KWS Shako	84.3	-----	86.3	-----	89.0	------	77.7	-----	85.3	----
KWS Inteligens	87.7	--------	89.7	--------	91.3	---------	81.0	--------	91.0	--------
KXB9201	83.4	----	87.0	-----	87.7	-----	75.3	---	85.0	----
KXB9433	86.5	-------	88.3	------	90.0	-------	81.3	---------	88.0	------
SY Amfora	82.5	----	83.7	---	86.0	---	74.7	--	85.7	----
SY Infinite	88.1	---------	89.0	-------	90.3	--------	82.7	----------	92.0	---------
P9610	85.9	-------	86.0	-----	90.3	--------	81.0	--------	87.3	-----
SM K0197	80.7	--	82.3	--	86.3	---	74.0	--	81.7	--
SM Podole	81.7	---	83.3	---	87.0	----	74.3	--	82.3	--
P1758	90.2	----------	93.7	----------	91.3	---------	83.3	----------	95.0	----------
Vitalico KWS	81.7	---	83.0	--	86.3	---	74.7	--	83.3	---
P9911	88.6	---------	90.0	--------	93.0	----------	82.0	---------	92.0	---------
Erasmus	82.7	----	84.7	----	87.3	-----	74.3	--	84.7	----
ES Faraday	84.6	-----	86.3	-----	89.3	-------	78.7	------	85.0	----
P9903	86.1	-------	89.7	--------	86.7	----	80.3	--------	89.0	-------
Farmgigant	81.0	--	83.0	--	85.7	---	74.0	--	82.7	--
Shannon	88.9	---------	92.0	---------	91.7	---------	83.0	----------	91.0	--------
-Bezugsgrösse(n)	82.4	---	84.2	---	86.5	----	75.5	---	84.5	---
Versuchs-Mittel	84.1	-----	86.1	-----	88.0	-----	77.3	-----	86.2	-----
VK [%]	1.9		1.5		2.8		1.6		1.8	
KGD (5%)	1.1		2.1		4.0		2.0		2.6	
KGD (1%)	1.5		2.8		5.3		2.6		3.5	
Versuchs-Streuung	1.6		1.3		2.4		1.2		1.6	
FG Fehlerterm	289.0		58.0		58.0		58.0		57.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	4032.4	29	56.24	***	1.51	0.0000
Anbauorte	6385.0	4	645.62	***	2.40	0.0000
WW Verf.*Anb.Orte	451.1	116	1.57	ns	1.28	
Fehler	714.5	289				
Insgesamt	11583.1	438				

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

Verfahren	8566 Ellighausen TG	
Walterinio KWS	80.0	--
Figaro KWS	79.7	--
ES Metronom	78.3	-
P8666	83.3	------
P8888	82.7	-----
SY Glorius	81.3	----
LG 31280	81.3	----
LG 31272	79.7	--
LG 31479	86.7	----------
P8834	83.0	------
P9363	85.0	--------
SY Impulse	80.7	---
SY Enermax	84.3	-------
KWS Shako	83.0	------
KWS Inteligens	85.3	--------
KXB9201	82.0	-----
KXB9433	85.0	--------
SY Amfora	82.7	-----
SY Infinite	86.7	----------
P9610	85.0	--------
SM K0197	79.0	-
SM Podole	81.3	----
P1758	87.7	----------
Vitalico KWS	81.0	---
P9911	86.0	---------
Erasmus	82.7	-----
ES Faraday	83.7	------
P9903	85.0	--------
Farmgigant	79.7	--
Shannon	86.7	----------
-Bezugsgrösse(n)	81.3	----
Versuchs-Mittel	82.9	------
VK [%]	1.0	
KGD (5%)	1.4	
KGD (1%)	1.9	
Versuchs-Streuung	0.9	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1896 Vouvry		3065 Habstetten		8046 Reckenholz ZH	
Walterinio KWS	81.1	--	82.0	--	83.7	-	74.3	--	85.7	--
Figaro KWS	81.5	--	82.3	--	85.7	---	73.0	-	85.7	--
ES Metronom	80.1	-	80.7	-	84.3	-	73.0	-	83.7	-
P8666	85.7	------	87.3	------	89.3	-------	77.3	----	90.3	------
P8888	84.9	-----	86.0	-----	90.3	--------	76.7	----	88.7	-----
SY Glorius	81.7	--	81.7	-	84.7	--	75.0	--	85.3	--
LG 31280	81.8	--	82.7	--	86.0	---	74.0	-	85.3	--
LG 31272	80.5	-	81.3	-	83.7	-	73.0	-	84.3	-
LG 31479	87.4	-------	89.0	-------	88.0	-----	81.7	--------	91.7	-------
P8834	84.3	-----	86.3	-----	87.3	-----	75.3	---	89.3	-----
P9363	87.3	-------	88.3	-------	91.7	---------	79.7	------	90.7	------
SY Impulse	82.9	---	83.7	---	86.7	----	76.0	---	87.0	---
SY Enermax	85.6	------	86.3	-----	89.7	-------	78.3	-----	89.0	-----
KWS Shako	84.3	-----	85.0	----	89.0	------	77.7	-----	87.0	---
KWS Inteligens	87.3	-------	87.7	------	90.7	--------	80.3	-------	92.3	--------
KXB9201	84.0	----	86.7	-----	87.7	-----	75.3	---	87.7	----
KXB9433	86.1	------	87.0	------	89.7	-------	80.0	-------	89.0	-----
SY Amfora	82.7	---	82.3	--	86.0	---	74.7	--	87.7	----
SY Infinite	87.8	--------	87.7	------	89.7	-------	83.3	---------	91.7	-------
P9610	86.1	------	86.0	-----	90.0	-------	80.0	-------	89.7	-----
SM K0197	81.3	--	81.7	-	86.3	---	74.0	-	85.0	--
SM Podole	82.2	---	82.3	--	87.3	-----	74.3	--	85.7	--
P1758	90.7	----------	93.0	----------	91.3	---------	84.7	----------	96.0	----------
Vitalico KWS	82.0	--	82.3	--	85.7	---	74.7	--	86.0	--
P9911	88.7	---------	89.0	-------	93.0	----------	83.3	---------	92.0	-------
Erasmus	83.1	---	84.0	---	87.0	----	74.3	--	87.3	----
ES Faraday	84.4	-----	84.3	----	89.3	-------	76.7	----	88.0	----
P9903	86.5	-------	88.0	-------	87.3	-----	80.7	-------	90.3	------
Farmgigant	81.3	--	82.0	--	85.0	--	74.0	-	86.3	---
Shannon	88.4	--------	90.3	--------	90.7	--------	82.3	---------	91.7	-------
-Bezugsgrösse(n)	83.0	---	84.0	---	87.0	----	75.5	---	87.2	---
Versuchs-Mittel	84.4	-----	85.2	----	87.9	-----	77.3	----	88.3	----
VK [%]	1.7		1.2		2.7		1.7		1.5	
KGD (5%)	1.0		1.6		3.8		2.1		2.1	
KGD (1%)	1.4		2.2		5.1		2.8		2.8	
Versuchs-Streuung	1.4		1.0		2.3		1.3		1.3	
FG Fehlerterm	289.0		58.0		58.0		58.0		57.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	3434.6	29	56.84	***	1.51	0.0000
Anbauorte	7262.1	4	871.26	***	2.40	0.0000
WW Verf.*Anb.Orte	360.7	116	1.49	ns	1.28	
Fehler	602.2	289				
Insgesamt	11659.6	438				

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

Verfahren	8566 Ellighausen TG	
Walterinio KWS	80.0	--
Figaro KWS	80.7	--
ES Metronom	79.0	-
P8666	84.0	------
P8888	83.0	-----
SY Glorius	81.7	---
LG 31280	81.0	---
LG 31272	80.0	--
LG 31479	86.7	---------
P8834	83.3	-----
P9363	86.0	--------
SY Impulse	81.3	---
SY Enermax	84.7	-------
KWS Shako	83.0	-----
KWS Inteligens	85.7	--------
KXB9201	82.7	-----
KXB9433	85.0	-------
SY Amfora	82.7	-----
SY Infinite	86.7	---------
P9610	85.0	-------
SM K0197	79.3	-
SM Podole	81.3	---
P1758	88.3	----------
Vitalico KWS	81.3	---
P9911	86.3	--------
Erasmus	83.0	-----
ES Faraday	83.7	------
P9903	86.0	--------
Farmgigant	79.3	-
Shannon	87.0	---------
-Bezugsgrösse(n)	81.5	---
Versuchs-Mittel	83.3	-----
VK [%]	0.9	
KGD (5%)	1.3	
KGD (1%)	1.7	
Versuchs-Streuung	0.8	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel		1260 Nyon		1896 Vouvry		3065 Habstetten		8046 Reckenholz ZH	
Walterinio KWS	280.9	---------	230.0	-----	263.3	--------	305.0	----------	289.3	----------
Figaro KWS	267.7	-----	221.7	--	255.0	-----	288.3	-------	276.0	-------
ES Metronom	268.0	-----	238.3	-------	253.3	-----	288.3	-------	274.3	-------
P8666	261.5	---	225.0	---	245.0	--	286.7	-------	259.0	----
P8888	280.7	---------	243.3	---------	261.7	-------	308.3	----------	281.0	--------
SY Glorius	280.5	---------	236.7	-------	271.7	----------	301.7	---------	279.7	--------
LG 31280	276.2	-------	223.3	---	266.7	---------	300.0	---------	287.7	---------
LG 31272	282.3	---------	236.7	-------	268.3	---------	305.0	----------	294.0	----------
LG 31479	283.9	----------	246.7	----------	260.0	-------	303.3	---------	288.0	----------
P8834	259.9	---	225.0	---	245.0	--	278.3	-----	259.3	----
P9363	269.5	-----	240.0	--------	256.7	------	278.3	-----	268.3	------
SY Impulse	266.2	----	216.7	-	251.7	----	293.3	--------	275.7	-------
SY Enermax	273.7	-------	240.0	--------	246.7	---	298.3	---------	276.3	-------
KWS Shako	287.5	----------	246.7	----------	273.3	----------	303.3	---------	294.0	----------
KWS Inteligens	275.7	-------	241.7	--------	263.3	--------	291.7	-------	277.7	--------
KXB9201	265.9	----	226.7	----	255.0	-----	285.0	------	271.0	------
KXB9433	263.2	----	226.7	----	256.7	------	278.3	-----	262.7	-----
SY Amfora	265.7	----	228.3	----	261.7	-------	251.7	-	284.7	---------
SY Infinite	270.3	------	248.3	----------	265.0	--------	266.7	---	263.0	-----
P9610	273.9	-------	233.3	------	256.7	------	293.3	--------	278.3	--------
SM K0197	259.7	---	216.7	-	265.0	--------	271.7	----	261.7	-----
SM Podole	273.2	------	226.7	----	261.7	-------	295.0	--------	278.7	--------
P1758	274.6	-------	243.3	---------	255.0	-----	283.3	------	266.0	------
Vitalico KWS	270.7	------	231.7	-----	265.0	--------	286.7	-------	278.3	--------
P9911	262.9	---	225.0	---	253.3	-----	281.7	------	246.0	--
Erasmus	280.1	--------	243.3	---------	255.0	-----	306.7	----------	279.3	--------
ES Faraday	275.6	-------	243.3	---------	251.7	----	291.7	-------	283.0	---------
P9903	270.3	------	235.0	------	256.7	------	293.3	--------	264.3	-----
Farmgigant	253.0	-	228.3	----	240.0	-	276.7	-----	239.0	-
Shannon	286.4	----------	248.3	----------	258.3	------	310.0	----------	288.3	----------
-Bezugsgrösse(n)	280.8	---------	236.7	-------	262.5	-------	306.7	----------	285.2	---------
Versuchs-Mittel	272.0	------	233.9	------	257.9	------	290.1	-------	274.2	-------
VK [%]	4.2		4.2		4.6		5.0		3.8	
KGD (5%)	8.3		16.1		ns		23.8		17.1	
KGD (1%)	10.9		21.5		ns		31.7		22.8	
Versuchs-Streuung	11.5		9.9		11.7		14.6		10.5	
FG Fehlerterm	289.0		58.0		58.0		58.0		57.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	32057.8	29	8.38	***	1.51	0.0000
Anbauorte	270227.9	4	512.08	***	2.40	0.0000
WW Verf.*Anb.Orte	24988.6	116	1.63	ns	1.28	
Fehler	38126.9	289				
Insgesamt	365401.2	438				

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	8566 Ellighausen TG	
Walterinio KWS	316.7	--------
Figaro KWS	297.7	----
ES Metronom	285.7	--
P8666	291.7	---
P8888	309.3	-------
SY Glorius	313.0	--------
LG 31280	303.3	-----
LG 31272	307.7	------
LG 31479	321.7	---------
P8834	292.0	---
P9363	304.3	------
SY Impulse	293.7	---
SY Enermax	307.3	------
KWS Shako	320.3	---------
KWS Inteligens	304.3	------
KXB9201	292.0	---
KXB9433	291.7	---
SY Amfora	302.3	-----
SY Infinite	308.7	-------
P9610	307.7	------
SM K0197	283.7	-
SM Podole	304.0	------
P1758	325.3	----------
Vitalico KWS	292.0	---
P9911	308.3	-------
Erasmus	316.3	--------
ES Faraday	308.3	-------
P9903	302.0	-----
Farmgigant	281.0	-
Shannon	327.0	----------
-Bezugsgrösse(n)	313.0	--------
Versuchs-Mittel	304.0	------
VK [%]	3.3	
KGD (5%)	16.5	
KGD (1%)	22.0	
Versuchs-Streuung	10.1	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1896 Vouvry		3065 Habstetten		8046 Reckenholz ZH	
Walterinio KWS	124.8	-----	96.7	----	120.0	------	131.7	-----	133.7	----
Figaro KWS	127.2	------	101.7	------	123.3	--------	131.7	-----	136.3	-----
ES Metronom	122.2	---	98.3	-----	120.0	------	118.3	-	132.7	----
P8666	129.4	-------	100.0	-----	116.7	----	136.7	------	139.0	------
P8888	131.5	--------	110.0	--------	126.7	---------	136.7	------	141.3	------
SY Glorius	127.6	------	98.3	-----	126.7	---------	133.3	-----	127.0	---
LG 31280	125.2	-----	90.0	---	120.0	------	133.3	-----	132.0	----
LG 31272	137.7	----------	113.3	---------	125.0	--------	150.0	----------	147.7	--------
LG 31479	136.3	----------	100.0	-----	121.7	-------	148.3	---------	157.7	----------
P8834	133.3	---------	106.7	-------	125.0	--------	146.7	---------	141.7	------
P9363	125.9	-----	96.7	----	121.7	-------	133.3	-----	131.3	----
SY Impulse	129.4	-------	96.7	----	130.0	----------	133.3	-----	131.0	----
SY Enermax	128.5	------	103.3	------	115.0	----	135.0	------	135.0	-----
KWS Shako	134.3	---------	95.0	----	121.7	-------	153.3	----------	144.0	-------
KWS Inteligens	117.3	-	83.3	-	116.7	----	123.3	--	119.0	-
KXB9201	128.9	------	96.7	----	121.7	-------	140.0	-------	138.0	------
KXB9433	121.2	---	95.0	----	123.3	--------	120.0	--	124.7	--
SY Amfora	126.7	-----	98.3	-----	125.0	--------	131.7	-----	130.3	----
SY Infinite	128.9	------	111.7	---------	123.3	--------	136.7	------	136.7	-----
P9610	122.8	----	91.7	---	113.3	---	128.3	----	136.3	-----
SM K0197	124.8	-----	98.3	-----	123.3	--------	128.3	----	137.7	-----
SM Podole	130.4	-------	98.3	-----	123.3	--------	146.7	---------	136.0	-----
P1758	133.0	--------	105.0	-------	128.3	----------	138.3	-------	137.3	-----
Vitalico KWS	131.3	--------	105.0	-------	130.0	----------	131.7	-----	138.7	------
P9911	129.4	-------	101.7	------	126.7	---------	133.3	-----	125.5	--
Erasmus	134.5	---------	111.7	---------	121.7	-------	146.7	---------	136.7	-----
ES Faraday	133.8	---------	118.3	----------	120.0	------	138.3	-------	138.0	------
P9903	127.3	------	90.0	---	121.7	-------	136.7	------	142.0	-------
Farmgigant	116.4	-	91.7	---	108.3	-	116.7	-	131.7	----
Shannon	134.3	---------	106.7	-------	126.7	---------	141.7	-------	138.3	------
-Bezugsgrösse(n)	128.1	------	103.3	------	123.3	--------	134.2	-----	137.5	-----
Versuchs-Mittel	128.5	------	100.3	-----	122.2	-------	135.3	------	135.9	-----
VK [%]	7.0		8.6		6.9		7.4		6.7	
KGD (5%)	6.5		14.1		ns		16.3		14.8	
KGD (1%)	8.5		18.7		ns		21.8		ns	
Versuchs-Streuung	9.0		8.6		8.4		10.0		9.1	
FG Fehlerterm	289.0		58.0		58.0		58.0		57.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	11858.3	29	5.07	***	1.51	0.0000
Anbauorte	120368.0	4	372.80	***	2.40	0.0000
WW Verf.*Anb.Orte	11405.5	116	1.22	ns	1.28	
Fehler	23328.1	289				
Insgesamt	166959.9	438				

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

Verfahren	8566 Ellighausen TG	
Walterinio KWS	142.0	----
Figaro KWS	143.0	----
ES Metronom	141.7	----
P8666	154.7	---------
P8888	142.7	----
SY Glorius	152.7	--------
LG 31280	150.7	-------
LG 31272	152.3	--------
LG 31479	153.7	--------
P8834	146.3	-----
P9363	146.7	------
SY Impulse	156.0	---------
SY Enermax	154.3	--------
KWS Shako	157.7	----------
KWS Inteligens	144.3	-----
KXB9201	148.0	------
KXB9433	143.0	----
SY Amfora	148.0	------
SY Infinite	136.0	-
P9610	144.3	-----
SM K0197	136.3	--
SM Podole	147.7	------
P1758	156.0	---------
Vitalico KWS	151.0	-------
P9911	160.0	----------
Erasmus	156.0	---------
ES Faraday	154.3	--------
P9903	146.3	-----
Farmgigant	133.7	-
Shannon	158.0	----------
-Bezugsgrösse(n)	142.3	----
Versuchs-Mittel	148.6	------
VK [%]	5.9	
KGD (5%)	14.3	
KGD (1%)	ns	
Versuchs-Streuung	8.7	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon		1896 Vouvry		3065 Habstetten		8046 Reckenholz ZH	
Walterinio KWS	44.4	---	42.0	------	45.6	---	43.2	--	46.2	---
Figaro KWS	47.5	------	45.7	---------	48.5	------	45.7	----	49.5	------
ES Metronom	45.6	----	41.4	-----	47.4	-----	41.1	-	48.3	-----
P8666	49.3	---------	44.5	--------	47.6	-----	47.7	------	53.7	---------
P8888	46.9	------	45.2	--------	48.3	------	44.3	---	50.3	-------
SY Glorius	45.3	----	41.7	------	46.6	----	44.1	---	45.5	---
LG 31280	45.1	----	40.3	-----	45.0	--	44.4	---	45.9	---
LG 31272	48.7	--------	47.9	----------	46.6	----	49.2	-------	50.2	-------
LG 31479	47.9	-------	40.6	-----	47.0	----	49.0	-------	54.8	----------
P8834	51.2	----------	47.4	----------	51.0	----------	52.7	----------	54.7	----------
P9363	46.5	-----	40.2	-----	47.5	-----	47.9	------	49.0	------
SY Impulse	48.5	--------	44.6	--------	51.6	----------	45.5	----	47.6	----
SY Enermax	46.8	------	43.2	-------	46.6	----	45.3	----	48.9	-----
KWS Shako	46.4	-----	38.5	---	44.7	-	50.7	--------	49.0	------
KWS Inteligens	42.3	-	34.6	-	44.3	-	42.4	--	42.9	-
KXB9201	48.2	-------	42.6	------	47.7	-----	49.1	-------	51.0	-------
KXB9433	45.9	-----	41.9	------	48.1	------	43.1	--	47.4	----
SY Amfora	47.8	-------	43.1	-------	47.7	-----	53.7	----------	45.8	---
SY Infinite	47.8	-------	44.9	--------	46.6	----	51.5	---------	52.0	--------
P9610	44.6	---	39.3	----	44.0	-	43.8	---	49.0	------
SM K0197	48.0	-------	45.2	--------	46.6	----	47.3	------	52.7	---------
SM Podole	47.5	------	43.4	-------	47.2	-----	49.7	-------	48.9	-----
P1758	48.5	--------	43.2	-------	50.4	---------	49.0	-------	51.7	--------
Vitalico KWS	48.4	-------	45.3	--------	49.1	-------	46.0	----	49.9	------
P9911	49.1	--------	45.2	--------	50.0	--------	47.3	------	51.0	-------
Erasmus	48.0	-------	45.9	---------	47.8	------	48.0	------	48.7	-----
ES Faraday	48.5	--------	48.7	----------	47.7	-----	47.5	------	48.8	-----
P9903	46.9	------	38.4	---	47.4	-----	46.6	-----	53.7	---------
Farmgigant	46.0	-----	40.1	----	45.1	--	42.1	-	55.2	----------
Shannon	46.8	------	43.0	-------	49.1	-------	45.7	----	48.0	-----
-Bezugsgrösse(n)	45.6	----	43.6	-------	47.0	----	43.7	---	48.3	-----
Versuchs-Mittel	47.2	------	42.9	-------	47.4	-----	46.8	-----	49.7	------
VK [%]	7.3		7.3		6.6		8.6		6.7	
KGD (5%)	2.5		5.1		ns		6.6		5.5	
KGD (1%)	3.2		6.8		ns		ns		7.3	
Versuchs-Streuung	3.4		3.1		3.1		4.0		3.3	
FG Fehlerterm	289.0		58.0		58.0		58.0		57.0	
Anz. Beob.	15.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	1352.2	29	3.97	***	1.51	0.0000
Anbauorte	2495.2	4	53.09	***	2.40	0.0000
WW Verf.*Anb.Orte	1811.5	116	1.33	ns	1.28	
Fehler	3395.6	289				
Insgesamt	9054.5	438				

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

Verfahren	8566 Ellighausen TG	
Walterinio KWS	44.9	-
Figaro KWS	48.0	-----
ES Metronom	49.7	-------
P8666	53.0	----------
P8888	46.1	---
SY Glorius	48.8	------
LG 31280	49.7	-------
LG 31272	49.5	-------
LG 31479	48.1	-----
P8834	50.1	-------
P9363	48.2	-----
SY Impulse	53.3	----------
SY Enermax	50.2	-------
KWS Shako	49.4	------
KWS Inteligens	47.4	----
KXB9201	50.7	--------
KXB9433	49.1	------
SY Amfora	49.0	------
SY Infinite	44.1	-
P9610	46.9	----
SM K0197	48.1	-----
SM Podole	48.6	-----
P1758	48.2	-----
Vitalico KWS	51.7	---------
P9911	51.9	---------
Erasmus	49.4	------
ES Faraday	50.1	-------
P9903	48.5	-----
Farmgigant	47.6	----
Shannon	48.3	-----
-Bezugsgrösse(n)	45.5	--
Versuchs-Mittel	49.0	------
VK [%]	7.1	
KGD (5%)	ns	
KGD (1%)	ns	
Versuchs-Streuung	3.5	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

Green snapping [%] / Green snapping [%]

Verfahren	Seriemittel		1567 Delley FR	
Walterinio KWS	0.0	-	0.0	-
Figaro KWS	0.0	-	0.0	-
ES Metronom	0.0	-	0.0	-
P8666	0.0	-	0.0	-
P8888	0.0	-	0.0	-
SY Glorius	0.0	-	0.0	-
LG 31280	0.0	-	0.0	-
LG 31272	0.0	-	0.0	-
LG 31479	0.0	-	0.0	-
P8834	0.0	-	0.0	-
P9363	0.0	-	0.0	-
SY Impulse	0.0	-	0.0	-
SY Enermax	0.0	-	0.0	-
KWS Shako	0.0	-	0.0	-
KWS Inteligens	0.0	-	0.0	-
KXB9201	0.0	-	0.0	-
KXB9433	0.0	-	0.0	-
SY Amfora	8.3	-------	8.3	-------
SY Infinite	0.0	-	0.0	-
P9610	0.0	-	0.0	-
SM K0197	0.0	-	0.0	-
SM Podole	12.5	----------	12.5	----------
P1758	0.0	-	0.0	-
Vitalico KWS	0.0	-	0.0	-
P9911	0.0	-	0.0	-
Erasmus	4.2	----	4.2	----
ES Faraday	0.0	-	0.0	-
P9903	0.0	-	0.0	-
Farmgigant	4.2	----	4.2	----
Shannon	0.0	-	0.0	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	1.0	-	1.0	-
VK [%]	229.3		229.3	
KGD (5%)	3.6		3.6	
KGD (1%)	4.8		4.8	
Versuchs-Streuung	2.2		2.2	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

Verse à la récolte [note] / Wurzellagerung Ernte [Note]

Verfahren	Seriemittel		1567 Delley FR	
Walterinio KWS	1.0	-	1.0	-
Figaro KWS	1.0	-	1.0	-
ES Metronom	1.0	-	1.0	-
P8666	1.0	-	1.0	-
P8888	1.0	-	1.0	-
SY Glorius	1.0	-	1.0	-
LG 31280	1.0	-	1.0	-
LG 31272	1.0	-	1.0	-
LG 31479	1.0	-	1.0	-
P8834	1.0	-	1.0	-
P9363	1.0	-	1.0	-
SY Impulse	1.0	-	1.0	-
SY Enermax	1.0	-	1.0	-
KWS Shako	1.0	-	1.0	-
KWS Inteligens	1.0	-	1.0	-
KXB9201	1.0	-	1.0	-
KXB9433	1.0	-	1.0	-
SY Amfora	1.0	-	1.0	-
SY Infinite	1.0	-	1.0	-
P9610	1.0	-	1.0	-
SM K0197	1.0	-	1.0	-
SM Podole	1.0	-	1.0	-
P1758	1.0	-	1.0	-
Vitalico KWS	1.0	-	1.0	-
P9911	1.0	-	1.0	-
Erasmus	2.0	----------	2.0	----------
ES Faraday	1.0	-	1.0	-
P9903	1.0	-	1.0	-
Farmgigant	1.0	-	1.0	-
Shannon	1.0	-	1.0	-
-Bezugsgrösse(n)	1.0	-	1.0	-
Versuchs-Mittel	1.0	-	1.0	-
VK [%]	17.7		17.7	
KGD (5%)	0.3		0.3	
KGD (1%)	0.4		0.4	
Versuchs-Streuung	0.2		0.2	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	0.8	-	0.0	-	0.0	-	2.2	----	1.1	-
Figaro KWS	2.2	--	0.0	-	0.0	-	2.2	----	6.7	--
ES Metronom	0.6	-	0.0	-	0.5	---	1.7	---	0.0	-
P8666	2.7	---	0.0	-	1.2	-----	5.4	---------	4.2	--
P8888	1.8	--	0.0	-	1.1	-----	5.0	--------	1.1	-
SY Glorius	2.0	--	0.0	-	0.0	-	1.1	--	6.8	---
LG 31280	7.0	------	0.0	-	0.0	-	2.1	----	25.8	--------
LG 31272	1.4	--	0.0	-	0.0	-	5.2	--------	0.5	-
LG 31479	0.4	-	0.0	-	0.5	---	1.1	--	0.0	-
P8834	8.7	--------	0.0	-	1.6	-------	6.6	----------	26.5	--------
P9363	0.3	-	0.0	-	0.0	-	1.1	--	0.0	-
SY Impulse	2.3	--	0.0	-	0.6	---	2.3	----	6.5	--
SY Enermax	1.4	-	0.0	-	0.0	-	1.2	--	4.2	--
KWS Shako	1.3	-	0.0	-	0.0	-	1.7	---	3.5	--
KWS Inteligens	6.9	------	0.0	-	0.0	-	3.4	------	24.0	-------
KXB9201	2.2	--	0.0	-	0.0	-	0.5	-	8.2	---
KXB9433	0.7	-	0.0	-	0.0	-	0.6	-	2.2	-
SY Amfora	9.9	---------	0.0	-	1.7	-------	6.5	----------	31.3	---------
SY Infinite	0.3	-	0.0	-	0.0	-	0.6	-	0.5	-
P9610	0.4	-	0.0	-	0.0	-	1.1	--	0.6	-
SM K0197	4.9	----	0.0	-	0.0	-	2.2	----	17.2	-----
SM Podole	5.6	-----	0.0	-	0.5	---	6.1	----------	15.7	-----
P1758	1.8	--	0.0	-	0.0	-	0.5	-	6.7	--
Vitalico KWS	3.0	---	0.0	-	0.0	-	2.5	----	9.6	---
P9911	0.7	-	0.0	-	0.0	-	0.0	-	2.8	-
Erasmus	12.4	----------	12.5	----------	0.0	-	1.7	---	35.6	----------
ES Faraday	4.5	----	0.0	-	0.0	-	2.2	----	15.9	-----
P9903	0.6	-	0.0	-	0.0	-	0.0	-	2.2	-
Farmgigant	6.1	-----	0.0	-	2.6	----------	3.2	-----	18.7	------
Shannon	2.0	--	0.0	-	0.5	---	4.4	-------	2.8	-
-Bezugsgrösse(n)	1.3	-	0.0	-	0.6	---	3.6	------	1.1	-
Versuchs-Mittel	3.2	---	0.4	-	0.4	--	2.5	----	9.4	---
VK [%]	353.5		547.7		255.8		95.3		235.2	
KGD (5%)	ns		3.7		ns		3.9		ns	
KGD (1%)	ns		5.0		ns		5.2		ns	
Versuchs-Streuung	11.2		2.3		0.9		2.4		22.0	
FG Fehlerterm	231.0		58.0		57.0		58.0		58.0	
Anz. Beob.	12.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	3499.7	29	0.97	ns	1.52	0.5170
Anbauorte	4882.9	3	13.06	***	2.64	0.0000
WW Verf.*Anb.Orte	6685.7	87	0.62	ns	1.33	
Fehler	28791.4	231				
Insgesamt	43859.6	350				

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

Verfahren	Seriemittel		1567 Delley FR	
Walterinio KWS	16.7	----------	16.7	----------
Figaro KWS	0.0	-	0.0	-
ES Metronom	4.2	---	4.2	---
P8666	4.2	---	4.2	---
P8888	4.2	---	4.2	---
SY Glorius	4.2	---	4.2	---
LG 31280	4.2	---	4.2	---
LG 31272	4.2	---	4.2	---
LG 31479	4.2	---	4.2	---
P8834	0.0	-	0.0	-
P9363	4.2	---	4.2	---
SY Impulse	8.3	------	8.3	------
SY Enermax	4.2	---	4.2	---
KWS Shako	4.2	---	4.2	---
KWS Inteligens	0.0	-	0.0	-
KXB9201	8.3	------	8.3	------
KXB9433	0.0	-	0.0	-
SY Amfora	0.0	-	0.0	-
SY Infinite	0.0	-	0.0	-
P9610	0.0	-	0.0	-
SM K0197	0.0	-	0.0	-
SM Podole	0.0	-	0.0	-
P1758	0.0	-	0.0	-
Vitalico KWS	0.0	-	0.0	-
P9911	0.0	-	0.0	-
Erasmus	4.2	---	4.2	---
ES Faraday	4.2	---	4.2	---
P9903	0.0	-	0.0	-
Farmgigant	0.0	-	0.0	-
Shannon	0.0	-	0.0	-
-Bezugsgrösse(n)	10.4	-------	10.4	-------
Versuchs-Mittel	2.8	--	2.8	--
VK [%]	184.1		184.1	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	5.1		5.1	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

Helminthosporium turcicum [note] / Helminthosporium turcicum [Note]

Verfahren	Seriemittel		1567 Delley FR		1896 Vouvry	
Walterinio KWS	3.8	----------	3.7	---------	4.0	---------
Figaro KWS	1.8	--	1.0	-	2.7	---
ES Metronom	2.8	------	2.7	------	3.0	-----
P8666	1.8	--	1.7	---	2.0	-
P8888	2.5	-----	2.3	-----	2.7	---
SY Glorius	3.0	-------	3.3	--------	2.7	---
LG 31280	1.8	--	1.7	---	2.0	-
LG 31272	3.3	--------	3.0	-------	3.7	--------
LG 31479	2.0	---	1.7	---	2.3	--
P8834	2.0	---	2.0	----	2.0	-
P9363	1.8	--	1.7	---	2.0	-
SY Impulse	1.8	--	1.3	--	2.3	--
SY Enermax	2.5	-----	3.0	-------	2.0	-
KWS Shako	2.8	------	2.7	------	3.0	-----
KWS Inteligens	1.7	-	1.0	-	2.3	--
KXB9201	2.2	---	1.0	-	3.3	------
KXB9433	2.0	---	1.3	--	2.7	---
SY Amfora	3.2	-------	2.3	-----	4.0	---------
SY Infinite	2.2	---	2.0	----	2.3	--
P9610	2.3	----	2.0	----	2.7	---
SM K0197	4.0	----------	3.7	---------	4.3	----------
SM Podole	2.2	---	1.0	-	3.3	------
P1758	1.5	-	1.0	-	2.0	-
Vitalico KWS	2.2	---	1.0	-	3.3	------
P9911	2.0	---	1.7	---	2.3	--
Erasmus	3.3	--------	4.3	----------	2.3	--
ES Faraday	3.0	-------	2.0	----	4.0	---------
P9903	1.8	--	1.0	-	2.7	---
Farmgigant	2.0	---	2.0	----	2.0	-
Shannon	2.5	-----	2.7	------	2.3	--
-Bezugsgrösse(n)	3.2	-------	3.0	-------	3.3	------
Versuchs-Mittel	2.4	----	2.1	----	2.7	----
VK [%]	35.9		23.0		40.9	
KGD (5%)	1.0		0.8		ns	
KGD (1%)	1.3		1.0		ns	
Versuchs-Streuung	0.9		0.5		1.1	
FG Fehlerterm	116.0		58.0		58.0	
Anz. Beob.	6.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	74.2	29	3.45	***	1.57	0.0001
Anbauorte	21.4	1	28.80	***	3.92	0.0000
WW Verf.*Anb.Orte	43.0	29	2.00	**	1.57	0.0052
Fehler	86.0	116				
Insgesamt	224.6	175				

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel		1260 Nyon		1896 Vouvry		3065 Habstetten		8046 Reckenholz ZH	
Walterinio KWS	5.0	-------	0.8	---	1.1	---------	6.9	--------	1.1	---
Figaro KWS	0.2	-	0.0	-	0.4	---	0.4	-	0.0	-
ES Metronom	3.4	-----	2.9	--------	0.0	-	1.2	--	2.7	------
P8666	4.7	-------	4.1	----------	0.4	---	3.7	----	5.4	----------
P8888	1.1	--	0.0	-	1.3	----------	0.0	-	1.6	----
SY Glorius	2.5	----	0.7	--	0.0	-	1.9	---	2.2	-----
LG 31280	1.7	---	1.2	----	0.0	-	0.8	-	1.7	----
LG 31272	1.1	--	0.0	-	0.0	-	3.3	----	0.0	-
LG 31479	1.9	---	1.7	-----	1.1	---------	0.7	-	1.6	----
P8834	2.2	----	0.0	-	0.4	----	2.0	---	5.4	----------
P9363	1.4	--	0.4	--	0.4	---	0.4	-	3.4	-------
SY Impulse	5.4	--------	0.5	--	0.4	---	9.6	----------	0.6	--
SY Enermax	0.1	-	0.0	-	0.0	-	0.0	-	0.0	-
KWS Shako	7.4	----------	1.2	----	0.8	------	3.2	----	2.1	----
KWS Inteligens	0.6	-	1.7	-----	0.4	----	0.8	-	0.0	-
KXB9201	0.9	--	1.1	---	0.0	-	0.0	-	0.0	-
KXB9433	1.2	--	0.0	-	0.7	------	2.7	---	0.0	-
SY Amfora	1.7	---	2.3	------	1.4	----------	1.9	---	1.1	---
SY Infinite	0.3	-	0.0	-	0.0	-	0.4	-	0.5	--
P9610	0.3	-	0.0	-	0.0	-	0.4	-	1.1	---
SM K0197	0.9	--	1.6	----	0.4	---	1.1	--	0.0	-
SM Podole	3.4	-----	0.8	--	0.0	-	3.5	----	0.0	-
P1758	0.3	-	0.0	-	0.0	-	0.0	-	0.0	-
Vitalico KWS	0.6	-	1.3	----	0.0	-	1.2	--	0.0	-
P9911	0.5	-	0.4	-	0.0	-	0.4	-	0.8	--
Erasmus	0.9	--	1.5	----	0.0	-	0.8	-	0.0	-
ES Faraday	0.5	-	0.0	-	0.0	-	0.0	-	0.0	-
P9903	0.1	-	0.0	-	0.0	-	0.0	-	0.0	-
Farmgigant	0.9	--	0.4	--	0.0	-	1.2	--	0.0	-
Shannon	0.6	-	1.3	----	0.0	-	0.8	-	0.6	--
-Bezugsgrösse(n)	3.0	-----	0.4	--	1.2	---------	3.5	----	1.4	---
Versuchs-Mittel	1.7	---	0.9	---	0.3	---	1.6	--	1.1	---
VK [%]	108.4		159.7		233.9		102.8		188.9	
KGD (5%)	1.2		ns		ns		2.8		3.2	
KGD (1%)	1.6		ns		ns		3.7		ns	
Versuchs-Streuung	1.9		1.4		0.7		1.7		2.0	
FG Fehlerterm	347.0		58.0		58.0		58.0		57.0	
Anz. Beob.	18.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	1717.7	29	16.88	***	1.50	0.0000
Anbauorte	1384.4	5	78.92	***	2.24	0.0000
WW Verf.*Anb.Orte	3356.6	145	6.60	***	1.25	0.0000
Fehler	1217.4	347				
Insgesamt	7676.1	526				

Charbon [%] / Beulenbrand [%]

Verfahren	8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	14.1	-----	6.0	----------
Figaro KWS	0.5	-	0.0	-
ES Metronom	11.9	----	1.6	---
P8666	11.5	----	3.0	-----
P8888	2.3	-	1.1	--
SY Glorius	9.0	---	1.1	--
LG 31280	6.5	---	0.0	-
LG 31272	1.8	-	1.6	---
LG 31479	4.6	--	1.6	---
P8834	3.5	--	2.3	----
P9363	3.9	--	0.0	-
SY Impulse	14.5	-----	6.7	----------
SY Enermax	0.6	-	0.0	-
KWS Shako	33.0	----------	4.0	-------
KWS Inteligens	0.6	-	0.0	-
KXB9201	3.1	--	1.1	--
KXB9433	2.2	-	1.6	---
SY Amfora	2.2	-	1.1	--
SY Infinite	0.6	-	0.0	-
P9610	0.6	-	0.0	-
SM K0197	2.2	-	0.0	-
SM Podole	12.8	----	3.2	-----
P1758	1.7	-	0.0	-
Vitalico KWS	1.1	-	0.0	-
P9911	0.6	-	1.2	--
Erasmus	3.3	--	0.0	-
ES Faraday	2.2	-	1.1	--
P9903	0.0	-	0.6	-
Farmgigant	3.8	--	0.0	-
Shannon	1.1	-	0.0	-
-Bezugsgrösse(n)	8.2	---	3.6	------
Versuchs-Mittel	5.2	--	1.3	---
VK [%]	62.9		85.8	
KGD (5%)	5.3		1.8	
KGD (1%)	7.1		2.4	
Versuchs-Streuung	3.3		1.1	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1896 Vouvry		3065 Habstetten	
Walterinio KWS	2.1	-----	0.0	-	6.0	-------	0.4	--
Figaro KWS	1.3	---	1.6	--------	2.3	--	0.0	-
ES Metronom	2.4	------	0.4	--	6.2	-------	0.4	---
P8666	1.8	----	0.5	---	4.6	-----	0.4	--
P8888	2.2	-----	0.0	-	5.7	-------	0.9	-----
SY Glorius	1.8	----	0.4	--	4.1	-----	0.8	----
LG 31280	1.7	----	0.8	----	3.9	----	0.4	--
LG 31272	1.4	---	1.7	--------	2.5	---	0.0	-
LG 31479	2.1	-----	0.4	--	5.0	------	0.7	----
P8834	1.5	---	0.4	--	4.2	-----	0.0	-
P9363	0.5	-	0.0	-	1.5	-	0.0	-
SY Impulse	1.5	----	0.4	--	3.8	----	0.4	--
SY Enermax	2.4	------	0.0	-	5.1	------	2.1	----------
KWS Shako	1.8	----	0.0	-	4.6	-----	0.8	----
KWS Inteligens	0.7	-	0.0	-	1.2	-	0.8	----
KXB9201	0.9	--	0.0	-	2.7	---	0.0	-
KXB9433	1.1	--	0.8	----	1.9	--	0.8	----
SY Amfora	2.2	-----	0.8	----	5.3	------	0.4	--
SY Infinite	1.3	---	0.4	--	3.4	----	0.0	-
P9610	2.0	-----	0.0	-	6.1	-------	0.0	-
SM K0197	1.4	---	1.2	------	2.1	--	0.8	----
SM Podole	4.0	----------	2.3	----------	9.0	----------	0.8	----
P1758	0.6	-	0.0	-	1.9	--	0.0	-
Vitalico KWS	1.5	----	0.8	----	3.4	----	0.4	--
P9911	0.6	-	1.1	------	0.7	-	0.0	-
Erasmus	2.6	------	1.9	---------	3.8	----	2.0	----------
ES Faraday	0.9	--	0.0	-	2.7	---	0.0	-
P9903	0.9	--	0.0	-	2.4	---	0.4	--
Farmgigant	1.1	--	0.5	---	2.8	---	0.0	-
Shannon	1.7	----	0.4	---	4.7	-----	0.0	-
-Bezugsgrösse(n)	2.2	-----	0.0	-	5.9	-------	0.6	----
Versuchs-Mittel	1.6	----	0.6	---	3.8	----	0.5	---
VK [%]	92.0		147.1		61.5		140.6	
KGD (5%)	1.4		1.4		3.8		1.0	
KGD (1%)	1.8		ns		ns		1.4	
Versuchs-Streuung	1.5		0.8		2.3		0.6	
FG Fehlerterm	174.0		58.0		58.0		58.0	
Anz. Beob.	9.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	141.9	29	2.25	***	1.53	0.0009
Anbauorte	646.6	2	148.75	***	3.04	0.0000
WW Verf.*Anb.Orte	208.0	58	1.65	**	1.40	0.0070
Fehler	378.2	174				
Insgesamt	1374.7	263				

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
Walterinio KWS	4.0	-------	4.0	-------
Figaro KWS	3.3	-----	3.3	-----
ES Metronom	4.0	-------	4.0	-------
P8666	4.7	---------	4.7	---------
P8888	3.3	-----	3.3	-----
SY Glorius	3.3	-----	3.3	-----
LG 31280	3.7	------	3.7	------
LG 31272	4.3	--------	4.3	--------
LG 31479	3.7	------	3.7	------
P8834	3.7	------	3.7	------
P9363	3.0	----	3.0	----
SY Impulse	4.3	--------	4.3	--------
SY Enermax	5.3	----------	5.3	----------
KWS Shako	1.7	-	1.7	-
KWS Inteligens	3.0	----	3.0	----
KXB9201	2.0	--	2.0	--
KXB9433	4.7	---------	4.7	---------
SY Amfora	5.3	----------	5.3	----------
SY Infinite	3.0	----	3.0	----
P9610	5.0	----------	5.0	----------
SM K0197	5.3	----------	5.3	----------
SM Podole	5.0	----------	5.0	----------
P1758	1.7	-	1.7	-
Vitalico KWS	3.3	-----	3.3	-----
P9911	2.7	---	2.7	---
Erasmus	3.7	------	3.7	------
ES Faraday	4.0	-------	4.0	-------
P9903	5.3	----------	5.3	----------
Farmgigant	4.3	--------	4.3	--------
Shannon	3.3	-----	3.3	-----
-Bezugsgrösse(n)	3.7	------	3.7	------
Versuchs-Mittel	3.8	------	3.8	------
VK [%]	22.0		22.0	
KGD (5%)	1.4		1.4	
KGD (1%)	1.8		1.8	
Versuchs-Streuung	0.8		0.8	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	8.5	--------	8.0	-----	7.8	----------	8.5	-----	8.5	-------
Figaro KWS	8.6	---------	8.1	-----	7.8	----------	8.7	------	8.4	------
ES Metronom	8.3	------	8.3	-------	7.8	----------	8.0	-	8.3	------
P8666	7.9	-	7.4	-	7.8	----------	8.2	--	8.0	----
P8888	8.2	----	7.9	----	7.7	-	8.1	--	7.6	-
SY Glorius	8.7	----------	8.9	----------	7.8	----------	8.9	-------	8.5	-------
LG 31280	8.6	---------	8.4	-------	7.8	----------	8.7	------	8.8	---------
LG 31272	8.4	-------	8.1	-----	7.8	----------	9.0	--------	8.1	----
LG 31479	8.5	-------	8.1	-----	7.8	----------	8.7	------	8.4	------
P8834	8.5	--------	8.3	-------	7.8	----------	8.6	-----	8.3	------
P9363	8.4	-------	8.1	-----	7.8	----------	9.0	--------	8.3	------
SY Impulse	8.3	------	7.9	----	7.8	----------	8.8	------	8.3	-----
SY Enermax	8.3	------	8.0	-----	7.8	----------	9.1	--------	7.7	-
KWS Shako	8.5	--------	8.0	-----	7.8	----------	8.7	------	8.2	-----
KWS Inteligens	8.2	-----	7.9	----	7.8	----------	8.2	---	8.2	-----
KXB9201	8.7	----------	8.7	---------	7.8	----------	8.7	------	8.8	----------
KXB9433	8.6	---------	8.8	----------	7.8	----------	8.9	-------	8.5	-------
SY Amfora	8.7	----------	8.6	---------	7.8	----------	9.3	----------	8.3	-----
SY Infinite	8.6	---------	8.2	------	7.8	----------	8.9	-------	8.3	-----
P9610	8.1	---	7.3	-	7.8	----------	7.9	-	7.9	---
SM K0197	8.7	----------	8.5	--------	7.8	----------	9.4	----------	8.4	-------
SM Podole	8.6	---------	8.7	---------	7.8	----------	8.7	------	8.3	------
P1758	8.4	-------	8.0	-----	7.8	----------	8.5	-----	8.7	---------
Vitalico KWS	8.6	---------	8.0	-----	7.8	----------	9.0	--------	8.5	-------
P9911	8.6	---------	8.6	--------	7.8	----------	8.8	------	8.8	----------
Erasmus	8.5	-------	8.5	--------	7.8	----------	8.9	-------	8.3	-----
ES Faraday	8.6	---------	8.6	---------	7.8	----------	8.8	------	8.9	----------
P9903	8.4	-------	8.3	-------	7.8	----------	8.5	-----	8.8	----------
Farmgigant	8.3	-----	7.8	---	7.8	----------	8.4	----	8.6	--------
Shannon	8.3	-----	7.8	---	7.8	----------	8.4	----	8.3	------
-Bezugsgrösse(n)	8.4	------	7.9	----	7.8	------	8.3	---	8.1	----
Versuchs-Mittel	8.5	-------	8.2	------	7.8	----------	8.7	------	8.4	------
VK [%]	5.0		6.6		0.1		4.4		6.1	
KGD (5%)	0.3		ns		ns		0.6		ns	
KGD (1%)	0.3		ns		ns		0.8		ns	
Versuchs-Streuung	0.4		0.5		0.0		0.4		0.5	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	23.9	29	4.54	***	1.50	0.0000
Anbauorte	73.0	6	66.95	***	2.12	0.0000
WW Verf.*Anb.Orte	38.4	174	1.22	ns	1.23	
Fehler	73.6	405				
Insgesamt	208.9	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	9.1	--------	8.9	----------	8.8	------
Figaro KWS	9.1	--------	9.0	----------	9.0	--------
ES Metronom	8.5	-----	8.5	--------	8.8	------
P8666	8.4	----	7.0	-	8.3	-
P8888	8.7	------	8.6	--------	8.6	----
SY Glorius	8.8	-------	8.6	--------	9.0	--------
LG 31280	8.9	--------	9.0	----------	8.8	------
LG 31272	8.8	-------	8.4	-------	8.9	-------
LG 31479	8.9	--------	8.4	-------	9.0	--------
P8834	8.9	-------	8.6	--------	8.7	-----
P9363	8.7	------	8.6	--------	8.4	-
SY Impulse	8.6	-----	8.3	-------	8.7	-----
SY Enermax	8.7	------	8.1	------	8.9	-------
KWS Shako	9.2	---------	9.0	----------	8.5	---
KWS Inteligens	8.7	------	8.4	-------	8.6	----
KXB9201	9.0	--------	9.2	----------	8.8	------
KXB9433	8.9	--------	8.6	--------	8.9	-------
SY Amfora	9.0	--------	8.7	---------	9.0	--------
SY Infinite	8.9	--------	8.6	--------	9.3	----------
P9610	8.8	-------	8.5	-------	8.5	--
SM K0197	8.8	-------	9.1	----------	9.1	---------
SM Podole	9.4	----------	8.5	-------	9.0	--------
P1758	8.8	-------	8.6	--------	8.5	--
Vitalico KWS	8.9	-------	9.1	----------	8.7	-----
P9911	8.8	-------	8.9	----------	8.7	-----
Erasmus	8.3	----	8.7	--------	8.7	-----
ES Faraday	8.2	---	8.8	---------	9.1	---------
P9903	8.5	-----	8.4	-------	8.5	---
Farmgigant	7.8	-	8.8	---------	8.7	-----
Shannon	8.6	-----	8.8	---------	8.4	--
-Bezugsgrösse(n)	8.9	-------	8.8	---------	8.7	-----
Versuchs-Mittel	8.8	------	8.6	--------	8.8	-----
VK [%]	5.2		5.2		4.6	
KGD (5%)	ns		0.7		ns	
KGD (1%)	ns		1.0		ns	
Versuchs-Streuung	0.5		0.5		0.4	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	641.9	---	561.6	---	484.7	---	620.1	--	787.3	------
Figaro KWS	619.4	---	533.2	--	500.8	----	667.8	----	729.8	----
ES Metronom	617.0	--	560.5	---	522.6	----	636.7	---	665.2	--
P8666	621.3	---	550.9	---	515.2	----	627.1	--	722.4	----
P8888	667.6	----	565.2	---	593.6	------	642.4	---	775.9	------
SY Glorius	636.1	---	567.9	----	546.0	-----	651.5	---	711.0	----
LG 31280	644.7	----	585.9	----	494.0	---	663.7	----	782.7	------
LG 31272	625.6	---	529.4	--	511.8	----	607.4	-	769.0	-----
LG 31479	691.7	-----	598.9	-----	628.6	-------	689.0	-----	738.5	----
P8834	629.6	---	551.7	---	524.4	----	677.4	-----	642.2	-
P9363	685.6	-----	598.1	-----	541.5	-----	781.5	---------	723.2	----
SY Impulse	619.2	---	593.7	-----	522.3	----	667.1	----	623.9	-
SY Enermax	580.9	-	533.4	--	438.8	--	591.4	-	620.4	-
KWS Shako	686.3	-----	601.0	-----	599.7	------	711.1	------	739.6	----
KWS Inteligens	741.5	-------	625.4	------	665.5	--------	738.3	-------	831.5	-------
KXB9201	590.8	-	581.0	----	508.1	----	587.3	-	623.7	-
KXB9433	604.8	--	583.2	----	384.9	-	710.9	------	675.7	--
SY Amfora	624.7	---	606.6	-----	439.5	--	630.6	--	689.8	---
SY Infinite	731.8	-------	664.5	--------	677.2	--------	772.1	---------	780.1	------
P9610	683.0	-----	624.4	------	551.8	-----	683.6	-----	741.0	----
SM K0197	597.7	--	524.9	-	455.3	--	681.3	-----	658.0	--
SM Podole	571.3	-	530.6	--	414.4	-	629.6	--	616.2	-
P1758	820.0	----------	678.0	---------	764.8	----------	818.0	----------	941.5	----------
Vitalico KWS	607.3	--	508.9	-	491.9	---	683.7	-----	681.0	---
P9911	762.9	--------	708.8	----------	615.9	-------	760.3	--------	823.6	-------
Erasmus	699.1	------	630.4	-------	655.8	--------	703.3	------	787.8	------
ES Faraday	677.8	-----	625.4	------	580.8	------	666.1	----	743.3	-----
P9903	670.1	-----	646.7	-------	497.5	----	680.4	-----	759.1	-----
Farmgigant	622.2	---	568.3	----	559.0	-----	653.7	---	678.2	---
Shannon	675.9	-----	571.6	----	557.7	-----	690.1	-----	729.6	----
-Bezugsgrösse(n)	654.8	----	563.4	---	539.1	-----	631.2	---	781.6	------
Versuchs-Mittel	654.9	----	587.0	-----	541.5	-----	677.4	-----	726.4	----
VK [%]	6.3		5.8		9.2		8.6		4.5	
KGD (5%)	25.2		55.7		81.4		95.8		53.3	
KGD (1%)	33.1		74.1		108.3		127.4		70.9	
Versuchs-Streuung	41.5		34.1		49.8		58.6		32.6	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	1964613.2	29	39.39	***	1.50	0.0000
Anbauorte	2546108.9	6	246.71	***	2.12	0.0000
WW Verf.*Anb.Orte	670885.8	174	2.24	***	1.23	0.0002
Fehler	696625.1	405				
Insgesamt	5878232.9	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	625.1	---	652.2	----	762.7	------
Figaro KWS	616.3	---	639.5	---	648.5	--
ES Metronom	595.1	--	636.5	---	702.1	---
P8666	580.3	--	627.1	--	726.0	----
P8888	638.7	----	699.4	------	757.8	-----
SY Glorius	644.3	----	650.5	---	681.2	---
LG 31280	618.4	---	657.9	----	710.3	----
LG 31272	636.9	----	661.7	----	662.9	--
LG 31479	699.5	------	730.1	-------	757.2	-----
P8834	667.9	-----	652.7	----	690.8	---
P9363	662.4	-----	717.0	-------	775.3	------
SY Impulse	612.9	---	636.6	---	677.8	---
SY Enermax	606.1	---	641.2	---	634.8	-
KWS Shako	743.1	--------	651.0	----	758.6	-----
KWS Inteligens	725.7	-------	740.2	--------	863.9	---------
KXB9201	627.6	---	588.3	-	619.8	-
KXB9433	594.2	--	661.3	----	623.4	-
SY Amfora	652.5	----	674.5	-----	679.5	---
SY Infinite	699.9	------	739.1	--------	789.6	-------
P9610	705.3	------	722.4	-------	752.6	-----
SM K0197	598.6	--	636.7	---	629.0	-
SM Podole	575.9	--	601.9	-	630.6	-
P1758	829.4	----------	803.0	----------	905.1	----------
Vitalico KWS	606.4	---	622.9	--	656.2	--
P9911	755.2	--------	799.4	----------	877.3	----------
Erasmus	590.6	--	736.2	-------	789.6	-------
ES Faraday	651.4	----	690.3	-----	787.2	------
P9903	685.7	------	711.0	------	710.4	----
Farmgigant	547.1	-	674.0	-----	675.4	---
Shannon	723.6	-------	712.0	------	747.1	-----
-Bezugsgrösse(n)	631.9	----	675.8	-----	760.2	------
Versuchs-Mittel	650.5	----	678.9	-----	722.7	----
VK [%]	6.5		4.2		5.0	
KGD (5%)	69.1		47.1		58.7	
KGD (1%)	92.0		62.6		78.1	
Versuchs-Streuung	42.3		28.8		35.9	
FG Fehlerterm	57.0		58.0		58.0	
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		1896 Vouvry		3065 Habstetten	
Walterinio KWS	222.4	------	204.3	-------	192.1	----	226.6	--	243.4	-------
Figaro KWS	218.6	----	198.7	------	186.2	---	236.8	----	239.1	------
ES Metronom	221.5	-----	204.0	-------	191.9	----	240.8	-----	229.3	----
P8666	218.8	----	199.9	------	192.2	----	227.2	--	232.1	-----
P8888	224.9	-------	200.1	------	201.2	-------	231.0	---	233.7	-----
SY Glorius	230.9	---------	207.0	-------	210.7	---------	248.4	-------	239.5	------
LG 31280	227.3	--------	210.7	--------	202.7	-------	236.3	----	235.5	-----
LG 31272	234.7	----------	202.8	-------	205.9	--------	237.3	----	264.9	----------
LG 31479	212.0	--	183.2	--	192.8	----	231.9	---	214.9	-
P8834	220.4	-----	190.8	----	189.9	----	253.8	--------	216.1	--
P9363	225.1	-------	196.8	-----	192.8	----	264.3	----------	226.2	---
SY Impulse	217.8	----	206.7	-------	191.3	----	239.3	-----	213.7	-
SY Enermax	208.9	-	183.1	--	180.9	-	221.4	-	212.9	-
KWS Shako	235.4	----------	201.5	------	214.3	----------	254.0	--------	236.2	-----
KWS Inteligens	222.3	------	201.3	------	194.4	-----	234.6	----	240.7	------
KXB9201	222.8	------	211.2	--------	205.6	--------	226.1	--	232.3	-----
KXB9433	217.8	----	208.2	--------	186.5	---	252.7	--------	226.6	---
SY Amfora	223.8	------	221.1	----------	184.8	--	235.3	----	224.7	---
SY Infinite	219.6	-----	204.6	-------	204.4	-------	250.0	-------	215.8	-
P9610	230.2	---------	212.3	---------	205.4	--------	242.1	-----	223.7	---
SM K0197	215.7	---	195.5	-----	188.4	---	246.3	------	213.8	-
SM Podole	210.4	-	193.8	-----	178.6	-	226.9	--	211.1	-
P1758	234.0	----------	198.7	------	216.8	----------	244.0	------	257.2	---------
Vitalico KWS	225.0	-------	198.4	------	189.1	---	257.6	---------	234.4	-----
P9911	233.2	----------	221.3	----------	200.6	------	247.0	-------	244.7	-------
Erasmus	225.1	-------	217.6	----------	205.8	--------	237.5	----	238.0	------
ES Faraday	217.7	----	206.0	-------	193.6	-----	230.6	---	216.5	--
P9903	223.1	------	207.5	--------	186.6	---	247.7	-------	237.5	------
Farmgigant	215.4	---	198.5	------	202.7	-------	233.4	---	220.0	--
Shannon	215.4	---	175.2	-	191.9	----	227.2	--	219.7	--
-Bezugsgrösse(n)	223.7	------	202.2	------	196.6	-----	228.8	--	238.5	------
Versuchs-Mittel	222.3	------	202.0	------	196.0	-----	239.6	-----	229.8	----
VK [%]	5.6		5.7		6.1		6.4		4.8	
KGD (5%)	7.5		18.9		19.5		ns		17.8	
KGD (1%)	9.9		25.1		ns		ns		23.7	
Versuchs-Streuung	12.4		11.6		11.9		15.3		10.9	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	30320.2	29	6.79	***	1.50	0.0000
Anbauorte	222877.3	6	241.18	***	2.12	0.0000
WW Verf.*Anb.Orte	43675.1	174	1.63	ns	1.23	
Fehler	62377.2	405				
Insgesamt	359249.9	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	229.5	-----	198.3	---	262.8	----------
Figaro KWS	228.9	-----	207.0	-----	233.9	--
ES Metronom	233.1	------	202.4	----	248.8	-------
P8666	227.2	-----	197.9	---	254.9	--------
P8888	238.9	-------	215.8	--------	253.8	--------
SY Glorius	243.5	-------	214.9	--------	252.1	-------
LG 31280	242.2	-------	211.6	-------	252.4	-------
LG 31272	248.1	--------	222.2	----------	262.0	----------
LG 31479	226.2	-----	199.6	---	235.7	---
P8834	247.6	--------	206.4	-----	238.0	----
P9363	238.0	-------	206.5	-----	251.2	-------
SY Impulse	229.0	-----	193.8	--	250.5	-------
SY Enermax	235.1	------	193.4	-	235.7	---
KWS Shako	265.7	----------	216.1	--------	260.2	----------
KWS Inteligens	234.0	------	202.2	----	248.6	------
KXB9201	242.7	-------	198.1	---	243.4	-----
KXB9433	233.3	------	190.3	-	226.8	-
SY Amfora	234.8	------	223.7	----------	242.0	-----
SY Infinite	226.6	-----	200.3	---	235.4	---
P9610	250.8	--------	225.4	----------	252.1	-------
SM K0197	225.4	-----	199.9	---	240.4	----
SM Podole	226.7	-----	199.3	---	236.4	---
P1758	242.2	-------	216.7	--------	262.7	----------
Vitalico KWS	241.6	-------	210.6	------	243.1	-----
P9911	238.1	-------	216.9	--------	263.9	----------
Erasmus	207.5	--	210.4	------	259.2	---------
ES Faraday	228.2	-----	201.7	----	247.5	------
P9903	241.5	-------	203.6	----	237.3	---
Farmgigant	197.6	-	211.0	-------	244.7	-----
Shannon	248.2	--------	208.2	------	237.1	---
-Bezugsgrösse(n)	234.2	------	207.0	-----	258.3	---------
Versuchs-Mittel	235.1	------	206.8	-----	247.1	------
VK [%]	6.4		4.1		5.0	
KGD (5%)	24.7		14.0		20.1	
KGD (1%)	32.8		18.6		26.7	
Versuchs-Streuung	15.1		8.5		12.3	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	35.0	--------	36.3	--------	39.7	------	36.6	--------	30.9	----
Figaro KWS	35.5	--------	37.3	---------	37.2	-----	35.5	------	32.8	------
ES Metronom	36.0	---------	36.4	--------	36.7	-----	37.9	---------	34.5	--------
P8666	35.4	--------	36.3	--------	37.3	-----	36.4	-------	32.2	-----
P8888	33.9	------	35.5	-------	33.9	---	35.9	-------	30.1	---
SY Glorius	36.5	---------	36.7	--------	38.9	------	38.1	----------	33.7	-------
LG 31280	35.7	--------	35.9	-------	41.0	-------	35.6	-------	30.1	---
LG 31272	37.8	----------	38.4	----------	40.6	-------	39.1	----------	34.5	--------
LG 31479	30.7	---	30.6	--	30.6	--	33.7	----	29.1	--
P8834	35.0	--------	34.7	------	36.3	-----	37.5	---------	33.7	-------
P9363	33.1	-----	32.9	----	35.8	----	34.3	-----	31.3	-----
SY Impulse	35.3	--------	34.8	------	37.0	-----	35.9	-------	34.3	--------
SY Enermax	36.3	---------	34.3	------	41.7	-------	37.5	---------	34.3	--------
KWS Shako	34.4	-------	33.6	-----	35.8	----	35.7	-------	31.9	-----
KWS Inteligens	30.1	--	32.2	----	29.2	-	31.9	--	28.9	--
KXB9201	37.8	----------	36.4	--------	40.5	-------	38.5	----------	37.3	----------
KXB9433	36.9	----------	35.7	-------	48.5	----------	35.8	-------	33.5	-------
SY Amfora	36.2	---------	36.4	--------	42.3	-------	37.5	---------	32.6	------
SY Infinite	30.1	--	30.9	--	30.2	--	32.4	---	27.7	-
P9610	33.9	------	34.0	-----	37.2	-----	35.4	------	30.2	---
SM K0197	36.4	---------	37.3	---------	41.6	-------	36.2	-------	32.5	------
SM Podole	37.2	----------	36.6	--------	43.2	--------	36.2	-------	34.3	--------
P1758	28.7	-	29.3	-	28.3	-	30.4	-	27.3	-
Vitalico KWS	37.2	----------	39.0	----------	38.8	------	37.7	---------	34.4	--------
P9911	30.7	---	31.2	---	32.6	---	32.5	---	29.7	---
Erasmus	32.4	-----	34.6	------	31.4	--	33.8	-----	30.2	---
ES Faraday	32.3	-----	33.0	----	33.3	---	34.6	-----	29.1	--
P9903	33.5	------	32.1	---	37.6	-----	36.4	--------	31.3	-----
Farmgigant	34.7	-------	34.9	------	36.3	-----	35.7	-------	32.5	------
Shannon	31.9	----	30.6	--	34.5	----	32.9	----	30.1	---
-Bezugsgrösse(n)	34.5	-------	35.9	-------	36.8	-----	36.3	-------	30.5	----
Versuchs-Mittel	34.3	-------	34.6	------	36.9	-----	35.6	-------	31.8	-----
VK [%]	4.3		4.1		5.3		5.6		2.9	
KGD (5%)	0.9		2.3		3.2		3.2		1.5	
KGD (1%)	1.2		3.1		4.2		4.3		2.0	
Versuchs-Streuung	1.5		1.4		1.9		2.0		0.9	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	3863.1	29	61.63	***	1.50	0.0000
Anbauorte	2929.3	6	225.88	***	2.12	0.0000
WW Verf.*Anb.Orte	1190.6	174	3.17	***	1.23	0.0000
Fehler	875.4	405				
Insgesamt	8858.4	614				

Précocité [% MS] / Frühreife [% TS]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	36.7	--------	30.5	------	34.6	------
Figaro KWS	37.4	--------	32.4	---------	36.1	-------
ES Metronom	39.2	----------	31.8	--------	35.5	-------
P8666	39.2	----------	31.6	-------	35.2	-------
P8888	37.4	--------	30.9	------	33.5	-----
SY Glorius	37.8	---------	33.1	----------	37.1	--------
LG 31280	39.4	----------	32.2	--------	35.5	-------
LG 31272	39.0	----------	33.6	----------	39.6	----------
LG 31479	32.4	----	27.4	-	31.1	---
P8834	37.0	--------	31.7	-------	34.4	------
P9363	35.9	-------	28.8	---	32.5	----
SY Impulse	37.3	--------	30.5	------	37.1	--------
SY Enermax	38.8	----------	30.2	-----	37.3	---------
KWS Shako	35.8	-------	33.3	----------	34.4	------
KWS Inteligens	32.3	---	27.3	-	28.8	-
KXB9201	38.7	---------	33.7	----------	39.4	----------
KXB9433	39.4	----------	28.8	---	36.4	--------
SY Amfora	36.0	-------	33.2	----------	35.6	-------
SY Infinite	32.4	----	27.1	-	29.8	--
P9610	35.6	-------	31.2	-------	33.5	-----
SM K0197	37.7	---------	31.5	-------	38.2	---------
SM Podole	39.4	----------	33.1	----------	37.5	---------
P1758	29.2	-	27.0	-	29.0	-
Vitalico KWS	39.8	----------	33.9	----------	37.1	--------
P9911	31.5	---	27.1	-	30.1	--
Erasmus	35.0	------	28.6	---	32.9	----
ES Faraday	35.1	------	29.3	----	31.4	---
P9903	35.2	------	28.7	---	33.5	-----
Farmgigant	36.2	-------	31.3	-------	36.3	--------
Shannon	34.3	-----	29.2	----	31.7	---
-Bezugsgrösse(n)	37.0	--------	30.7	------	34.0	-----
Versuchs-Mittel	36.4	-------	30.6	------	34.5	------
VK [%]	4.0		3.9		3.0	
KGD (5%)	2.4		2.0		1.7	
KGD (1%)	3.1		2.6		2.2	
Versuchs-Streuung	1.4		1.2		1.0	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	160.9	-------	152.5	--------	143.3	-----	155.2	-	173.4	--------
Figaro KWS	152.7	----	142.6	-----	132.7	---	164.6	---	161.5	-----
ES Metronom	156.6	-----	145.5	------	140.3	-----	169.1	----	157.8	----
P8666	154.0	----	143.6	-----	135.7	---	158.3	-	159.1	-----
P8888	160.6	-------	144.9	------	144.5	------	162.1	---	160.9	-----
SY Glorius	160.8	-------	143.6	-----	152.0	--------	169.9	-----	163.5	------
LG 31280	160.9	-------	150.2	-------	148.0	-------	162.3	---	167.5	-------
LG 31272	164.8	---------	145.4	------	151.2	--------	160.3	--	185.1	----------
LG 31479	155.2	-----	135.4	---	146.7	------	163.8	---	153.0	---
P8834	161.2	-------	140.5	-----	143.8	------	178.5	-------	153.3	---
P9363	165.9	---------	146.7	------	147.0	------	191.1	----------	161.1	-----
SY Impulse	158.9	------	155.8	---------	144.0	------	168.3	----	154.4	----
SY Enermax	153.9	----	138.8	----	136.6	----	162.1	---	150.9	---
KWS Shako	169.8	----------	147.6	------	162.3	----------	180.9	--------	162.3	-----
KWS Inteligens	163.0	--------	149.6	-------	146.6	------	169.5	-----	170.1	-------
KXB9201	157.4	------	152.2	--------	150.3	-------	156.5	-	157.2	----
KXB9433	158.2	------	155.0	--------	140.6	-----	176.5	-------	162.9	------
SY Amfora	162.8	--------	163.0	----------	143.3	-----	161.6	--	159.9	-----
SY Infinite	159.9	-------	152.8	--------	148.2	-------	178.9	-------	150.5	---
P9610	167.5	----------	156.1	---------	148.9	-------	180.3	--------	153.7	----
SM K0197	153.5	----	139.2	----	138.7	----	174.3	------	147.8	--
SM Podole	145.0	-	135.0	---	125.8	-	158.8	--	140.6	-
P1758	168.6	----------	138.2	----	156.4	---------	174.6	------	182.9	----------
Vitalico KWS	159.9	-------	140.8	-----	135.0	---	180.0	--------	161.5	-----
P9911	168.3	----------	156.8	---------	147.9	-------	176.6	-------	172.5	--------
Erasmus	161.0	-------	155.2	---------	146.0	------	171.1	-----	165.4	------
ES Faraday	158.5	------	150.2	-------	139.8	----	166.2	----	152.8	---
P9903	164.0	--------	151.0	-------	139.9	----	180.6	--------	168.4	-------
Farmgigant	154.1	----	143.2	-----	147.9	-------	164.8	---	153.4	---
Shannon	157.9	------	125.6	-	138.8	----	170.4	-----	156.7	----
-Bezugsgrösse(n)	160.8	-------	148.7	-------	143.9	------	158.6	--	167.1	-------
Versuchs-Mittel	159.9	-------	146.6	------	144.1	------	169.6	-----	160.7	-----
VK [%]	6.2		6.2		6.1		7.4		5.4	
KGD (5%)	6.0		14.9		14.4		ns		14.3	
KGD (1%)	7.9		19.8		19.1		ns		19.0	
Versuchs-Streuung	9.9		9.1		8.8		12.5		8.7	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	18294.3	29	6.44	***	1.50	0.0000
Anbauorte	90828.6	6	154.58	***	2.12	0.0000
WW Verf.*Anb.Orte	26178.0	174	1.54	ns	1.23	
Fehler	39662.8	405				
Insgesamt	174963.8	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	169.3	------	143.6	--	189.0	----------
Figaro KWS	163.0	-----	146.5	---	158.2	-
ES Metronom	165.7	-----	144.5	---	173.1	-----
P8666	164.3	-----	142.9	--	173.9	-----
P8888	173.4	-------	159.5	--------	179.2	-------
SY Glorius	171.4	------	153.0	------	172.1	-----
LG 31280	172.8	-------	151.0	-----	174.7	-----
LG 31272	173.8	-------	161.6	---------	176.2	------
LG 31479	170.4	------	149.1	----	168.1	----
P8834	181.2	--------	155.4	------	175.6	------
P9363	177.6	--------	151.6	-----	186.5	---------
SY Impulse	166.9	-----	143.4	--	179.5	-------
SY Enermax	171.1	------	144.3	--	173.6	-----
KWS Shako	191.3	----------	157.5	-------	186.4	---------
KWS Inteligens	172.7	-------	150.3	-----	181.9	--------
KXB9201	169.8	------	140.6	-	174.9	------
KXB9433	169.0	------	141.6	--	161.5	--
SY Amfora	170.0	------	167.1	----------	174.5	-----
SY Infinite	167.6	------	147.5	----	173.8	-----
P9610	181.4	---------	166.4	----------	185.8	---------
SM K0197	157.9	----	144.8	---	171.9	-----
SM Podole	152.5	--	139.0	-	163.1	--
P1758	177.9	--------	158.1	-------	192.1	----------
Vitalico KWS	175.9	-------	150.3	-----	175.9	------
P9911	175.6	-------	157.5	-------	191.1	----------
Erasmus	151.2	--	152.2	-----	186.0	---------
ES Faraday	167.5	------	146.3	---	186.4	---------
P9903	181.1	--------	150.7	-----	176.1	------
Farmgigant	144.0	-	151.0	-----	174.2	-----
Shannon	182.6	---------	154.2	------	177.0	------
-Bezugsgrösse(n)	171.3	------	151.6	-----	184.1	--------
Versuchs-Mittel	170.3	------	150.7	-----	177.1	------
VK [%]	6.6		5.0		5.9	
KGD (5%)	18.5		12.3		17.1	
KGD (1%)	24.6		16.3		ns	
Versuchs-Streuung	11.3		7.5		10.4	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	86.8	---------	84.6	----------	77.2	------	88.0	---	93.2	--------
Figaro KWS	79.1	----	70.4	-----	67.9	-	93.3	-----	84.0	-----
ES Metronom	82.6	------	75.1	-------	72.4	---	94.5	-----	91.2	-------
P8666	78.3	---	70.2	-----	70.6	--	85.5	--	83.0	----
P8888	79.9	-----	72.2	------	71.7	---	88.4	---	81.3	----
SY Glorius	84.2	--------	73.2	------	81.3	--------	89.3	---	88.2	------
LG 31280	88.1	----------	80.6	---------	86.3	----------	92.0	----	94.1	---------
LG 31272	86.7	---------	73.6	-------	80.7	--------	90.6	----	99.5	----------
LG 31479	78.3	---	63.6	---	69.3	-	92.6	----	79.0	---
P8834	88.4	----------	75.1	-------	77.0	------	101.8	--------	87.1	------
P9363	87.5	----------	74.9	-------	77.6	------	109.9	----------	83.3	----
SY Impulse	84.1	--------	82.4	----------	76.4	-----	92.8	----	80.0	---
SY Enermax	81.5	------	74.2	-------	74.0	----	93.8	-----	78.7	---
KWS Shako	84.7	--------	68.9	-----	80.0	-------	102.2	--------	83.8	-----
KWS Inteligens	79.5	----	71.4	------	70.4	--	92.5	----	85.0	-----
KXB9201	85.1	--------	79.5	---------	82.8	---------	91.1	----	86.5	------
KXB9433	84.3	--------	78.9	---------	76.5	-----	101.2	-------	91.7	--------
SY Amfora	85.9	---------	82.5	----------	77.3	------	92.1	----	87.6	------
SY Infinite	77.0	--	75.6	-------	68.6	-	92.7	----	75.5	--
P9610	88.0	----------	81.7	----------	80.7	--------	103.2	--------	80.0	---
SM K0197	84.8	--------	72.2	------	84.1	---------	100.2	-------	82.4	----
SM Podole	74.4	-	70.1	-----	72.7	---	81.9	-	73.0	-
P1758	75.8	--	57.0	-	69.9	--	93.7	-----	84.7	-----
Vitalico KWS	83.1	-------	72.6	------	75.1	-----	94.6	-----	85.5	-----
P9911	84.1	--------	75.8	-------	73.7	----	97.5	------	89.4	-------
Erasmus	80.7	-----	78.9	---------	75.4	-----	92.9	-----	80.2	---
ES Faraday	82.8	-------	82.3	----------	74.0	----	90.5	----	82.1	----
P9903	87.2	----------	79.1	---------	79.7	-------	98.9	-------	91.0	-------
Farmgigant	82.3	------	77.8	--------	80.9	--------	95.0	-----	85.8	-----
Shannon	78.9	----	61.1	--	70.3	--	90.3	----	80.9	----
-Bezugsgrösse(n)	83.4	-------	78.4	--------	74.4	----	88.2	---	87.2	------
Versuchs-Mittel	82.8	-------	74.5	-------	75.8	-----	94.1	-----	84.9	-----
VK [%]	8.2		8.1		8.1		8.7		7.8	
KGD (5%)	4.1		9.9		10.0		ns		10.8	
KGD (1%)	5.5		13.2		ns		ns		14.4	
Versuchs-Streuung	6.8		6.1		6.1		8.1		6.6	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	9162.4	29	6.77	***	1.50	0.0000
Anbauorte	36174.9	6	129.20	***	2.12	0.0000
WW Verf.*Anb.Orte	10501.8	174	1.29	ns	1.23	
Fehler	18899.6	405				
Insgesamt	74738.7	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	90.8	------	73.2	-----	100.5	----------
Figaro KWS	84.5	----	73.0	-----	80.3	--
ES Metronom	90.7	------	66.4	-	88.3	------
P8666	86.2	----	65.6	-	87.0	-----
P8888	86.4	----	74.0	-----	85.6	-----
SY Glorius	91.1	------	76.6	------	89.9	------
LG 31280	93.3	-------	79.4	--------	91.0	-------
LG 31272	88.9	-----	81.3	---------	92.1	-------
LG 31479	90.3	------	66.7	-	86.8	-----
P8834	101.8	----------	82.9	----------	93.3	--------
P9363	97.4	---------	76.8	-------	92.3	-------
SY Impulse	91.7	-------	74.0	-----	91.4	-------
SY Enermax	91.3	------	69.5	---	89.3	------
KWS Shako	96.2	--------	72.7	----	88.9	------
KWS Inteligens	85.3	----	67.7	--	84.4	----
KXB9201	91.2	------	71.5	----	93.3	--------
KXB9433	92.2	-------	70.6	---	79.2	--
SY Amfora	92.3	-------	84.5	----------	84.8	----
SY Infinite	84.7	----	65.9	-	75.8	-
P9610	98.2	---------	82.8	----------	89.4	------
SM K0197	88.1	-----	76.7	-------	89.5	------
SM Podole	76.8	-	68.8	--	77.7	-
P1758	80.9	--	66.9	-	77.8	-
Vitalico KWS	93.5	-------	75.2	------	84.9	----
P9911	90.6	------	74.0	-----	87.8	-----
Erasmus	76.8	-	73.4	-----	87.4	-----
ES Faraday	90.4	------	70.5	---	90.1	------
P9903	98.1	---------	76.5	------	87.2	-----
Farmgigant	78.2	-	76.2	------	82.2	---
Shannon	92.1	-------	71.7	----	85.9	-----
-Bezugsgrösse(n)	88.6	-----	73.6	-----	93.0	--------
Versuchs-Mittel	89.7	------	73.5	-----	87.1	-----
VK [%]	7.8		7.1		9.3	
KGD (5%)	11.5		8.5		ns	
KGD (1%)	15.3		11.4		ns	
Versuchs-Streuung	7.0		5.2		8.1	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	724.5	--------	747.3	---------	746.0	------	684.7	--	712.3	---------
Figaro KWS	699.9	---	718.3	----	713.7	--	695.3	---	675.3	--
ES Metronom	707.8	----	712.3	---	730.7	----	702.7	----	688.3	-----
P8666	705.1	----	718.3	----	708.0	-	696.3	---	684.7	----
P8888	714.9	------	724.3	-----	718.3	---	702.0	----	688.3	-----
SY Glorius	697.0	--	694.0	-	721.0	---	683.3	--	682.3	---
LG 31280	708.6	-----	711.3	---	730.3	----	687.0	--	711.7	---------
LG 31272	703.8	----	717.0	----	734.7	-----	676.0	-	699.0	------
LG 31479	733.0	----------	739.0	--------	760.3	--------	706.3	-----	712.0	---------
P8834	732.8	---------	736.7	-------	757.3	--------	703.7	----	709.7	--------
P9363	738.2	----------	746.0	---------	762.7	---------	723.3	-------	712.3	---------
SY Impulse	731.1	---------	753.3	----------	754.0	-------	703.3	----	722.7	----------
SY Enermax	737.9	----------	757.3	----------	755.3	--------	732.0	--------	709.0	--------
KWS Shako	722.3	-------	732.3	-------	758.3	--------	712.0	-----	687.3	----
KWS Inteligens	734.4	----------	742.3	--------	754.7	-------	723.0	-------	708.0	--------
KXB9201	707.0	----	720.7	-----	731.3	----	692.7	---	676.3	--
KXB9433	727.9	--------	744.7	---------	752.7	-------	697.3	---	718.3	----------
SY Amfora	729.0	---------	737.0	-------	777.7	----------	683.7	--	711.7	---------
SY Infinite	728.4	---------	747.0	---------	725.3	---	715.0	------	697.3	------
P9610	727.4	--------	735.3	-------	725.0	---	745.7	----------	687.0	----
SM K0197	712.3	-----	712.3	---	736.3	-----	707.7	-----	691.3	-----
SM Podole	689.0	-	696.7	-	704.3	-	697.3	---	666.0	-
P1758	719.5	-------	695.7	-	721.0	---	715.7	------	710.7	--------
Vitalico KWS	711.1	-----	710.3	---	716.0	--	698.7	----	688.7	-----
P9911	721.8	-------	708.7	---	737.3	-----	713.7	------	704.3	-------
Erasmus	715.4	------	713.3	----	709.3	-	720.3	-------	695.0	------
ES Faraday	727.0	--------	729.0	------	722.7	---	719.3	------	706.0	--------
P9903	735.3	----------	727.7	------	749.7	-------	729.0	--------	709.0	--------
Farmgigant	716.1	------	722.3	-----	729.7	----	706.0	-----	697.3	------
Shannon	731.8	---------	716.7	----	722.0	---	750.0	----------	713.3	---------
-Bezugsgrösse(n)	719.7	-------	735.8	-------	732.2	----	693.3	---	700.3	-------
Versuchs-Mittel	719.7	-------	725.6	------	735.5	-----	707.4	-----	699.2	------
VK [%]	2.4		2.2		2.5		2.6		2.3	
KGD (5%)	10.4		26.3		30.4		29.9		26.2	
KGD (1%)	13.6		35.0		40.4		39.7		34.8	
Versuchs-Streuung	17.1		16.1		18.6		18.3		16.0	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	106228.8	29	12.56	***	1.50	0.0000
Anbauorte	87463.0	6	49.98	***	2.12	0.0000
WW Verf.*Anb.Orte	80290.1	174	1.58	ns	1.23	
Fehler	118112.8	405				
Insgesamt	392094.7	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	738.3	---------	724.3	-----	718.7	------
Figaro KWS	712.0	-----	708.0	--	676.7	-
ES Metronom	711.0	-----	713.7	----	696.0	----
P8666	723.3	-------	722.7	-----	682.7	--
P8888	726.0	-------	739.0	--------	706.0	-----
SY Glorius	703.7	----	712.0	---	682.3	--
LG 31280	714.3	------	713.3	---	692.0	---
LG 31272	700.3	----	727.3	------	672.3	-
LG 31479	753.0	----------	747.0	----------	713.3	------
P8834	732.3	--------	752.7	----------	737.0	---------
P9363	746.3	----------	734.3	-------	742.3	---------
SY Impulse	728.7	--------	740.0	--------	716.0	------
SY Enermax	727.7	-------	747.0	----------	737.0	---------
KWS Shako	720.7	-------	729.0	------	716.7	------
KWS Inteligens	738.0	---------	743.3	---------	731.7	--------
KXB9201	699.7	----	709.7	---	718.3	------
KXB9433	724.7	-------	744.3	---------	713.0	------
SY Amfora	724.3	-------	747.0	----------	721.7	-------
SY Infinite	739.7	---------	736.3	--------	738.0	---------
P9610	723.0	-------	738.7	--------	737.0	---------
SM K0197	700.0	----	724.0	-----	714.3	------
SM Podole	672.7	-	697.7	-	688.7	---
P1758	734.0	--------	729.3	------	730.3	--------
Vitalico KWS	727.7	-------	712.7	---	723.7	-------
P9911	738.0	---------	726.3	------	724.0	-------
Erasmus	729.3	--------	723.0	-----	717.3	------
ES Faraday	733.7	--------	725.3	------	753.0	----------
P9903	749.3	----------	740.3	--------	742.0	---------
Farmgigant	729.3	--------	716.0	----	712.0	------
Shannon	734.3	--------	740.0	--------	746.3	----------
-Bezugsgrösse(n)	732.2	--------	731.7	-------	712.3	------
Versuchs-Mittel	724.5	-------	728.8	------	716.7	------
VK [%]	1.8		2.7		2.4	
KGD (5%)	21.2		ns		28.5	
KGD (1%)	28.2		ns		37.9	
Versuchs-Streuung	12.9		19.3		17.4	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	390.5	---------	415.3	----------	401.7	-------	388.3	-----	382.7	--------
Figaro KWS	361.5	------	355.0	------	364.7	----	394.7	------	350.7	---
ES Metronom	372.2	-------	367.7	-------	377.0	-----	391.7	-----	397.7	----------
P8666	357.7	-----	351.3	------	367.7	----	376.3	---	357.0	----
P8888	355.5	-----	361.3	------	355.0	---	383.0	----	347.7	---
SY Glorius	364.7	------	353.7	------	385.3	------	359.0	-	368.0	------
LG 31280	387.7	---------	380.7	--------	424.7	---------	388.7	-----	399.7	----------
LG 31272	369.8	-------	363.0	-------	392.3	------	382.3	----	375.3	-------
LG 31479	367.6	------	347.0	-----	358.3	---	399.3	-------	367.3	------
P8834	401.0	----------	393.3	---------	405.7	-------	401.3	-------	403.0	----------
P9363	388.3	---------	381.0	--------	403.0	-------	416.3	---------	368.3	------
SY Impulse	386.6	---------	398.3	---------	400.3	-------	387.7	-----	374.0	-------
SY Enermax	390.5	---------	404.3	----------	409.0	--------	423.3	----------	369.7	------
KWS Shako	359.0	-----	342.0	-----	374.0	-----	402.0	-------	354.7	----
KWS Inteligens	357.6	-----	353.7	------	362.0	----	394.3	------	354.3	----
KXB9201	382.0	--------	376.3	--------	402.7	-------	403.3	-------	372.3	------
KXB9433	387.2	---------	379.3	--------	408.7	-------	401.0	-------	404.7	----------
SY Amfora	385.1	---------	372.7	-------	420.7	--------	390.7	-----	390.0	---------
SY Infinite	350.3	----	370.0	-------	335.7	--	370.0	--	350.7	---
P9610	382.0	--------	384.7	--------	392.7	------	427.0	----------	356.7	----
SM K0197	393.5	----------	370.0	-------	447.7	----------	406.0	--------	385.0	--------
SM Podole	355.0	-----	362.0	------	407.0	-------	358.3	-	345.7	---
P1758	322.7	-	287.0	-	322.0	-	384.3	----	329.3	-
Vitalico KWS	369.9	-------	366.7	-------	398.0	-------	367.7	--	364.0	-----
P9911	360.4	-----	342.7	-----	367.7	----	393.3	------	364.7	-----
Erasmus	358.9	-----	362.3	------	366.7	----	391.0	-----	336.7	--
ES Faraday	380.2	--------	399.3	---------	383.0	-----	391.0	-----	379.0	-------
P9903	391.4	---------	381.3	--------	427.0	---------	399.3	-------	383.3	--------
Farmgigant	383.1	--------	391.7	---------	399.3	-------	407.0	--------	390.3	---------
Shannon	365.3	------	349.0	-----	365.7	----	397.3	------	368.7	------
-Bezugsgrösse(n)	373.0	-------	388.3	--------	378.3	-----	385.7	-----	365.2	-----
Versuchs-Mittel	372.6	-------	368.8	-------	387.5	------	392.5	------	369.7	------
VK [%]	5.3		4.9		5.7		5.0		5.3	
KGD (5%)	12.1		29.6		36.1		32.2		32.1	
KGD (1%)	15.9		39.4		48.1		ns		42.8	
Versuchs-Streuung	19.9		18.1		22.1		19.7		19.7	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	177726.3	29	15.50	***	1.50	0.0000
Anbauorte	127290.1	6	53.65	***	2.12	0.0000
WW Verf.*Anb.Orte	101070.2	174	1.47	ns	1.23	
Fehler	160148.0	405				
Insgesamt	566234.6	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	395.3	---------	368.7	-------	381.7	----------
Figaro KWS	369.3	-----	353.0	-----	343.3	------
ES Metronom	388.3	--------	328.0	---	355.3	-------
P8666	379.7	-------	331.7	---	340.0	-----
P8888	361.3	----	342.7	----	337.3	-----
SY Glorius	373.7	------	356.7	------	356.7	-------
LG 31280	385.7	-------	375.0	--------	359.7	-------
LG 31272	358.3	----	366.0	-------	351.3	------
LG 31479	399.0	---------	334.3	---	368.0	--------
P8834	411.0	----------	401.7	----------	391.3	----------
P9363	409.3	----------	372.3	-------	367.7	--------
SY Impulse	400.0	---------	382.3	---------	363.7	--------
SY Enermax	388.7	--------	359.7	------	379.0	---------
KWS Shako	362.3	----	336.7	----	341.7	-----
KWS Inteligens	364.7	-----	334.7	---	339.7	-----
KXB9201	375.7	------	361.0	------	383.0	----------
KXB9433	395.7	---------	371.0	-------	350.0	------
SY Amfora	393.0	--------	377.3	--------	351.3	------
SY Infinite	374.0	------	329.7	---	322.3	---
P9610	391.3	--------	367.3	-------	354.7	-------
SM K0197	390.3	--------	383.7	---------	371.7	---------
SM Podole	338.3	-	345.3	-----	328.0	----
P1758	333.7	-	307.7	-	295.0	-
Vitalico KWS	386.7	-------	356.3	------	349.7	------
P9911	380.5	-------	340.7	----	333.0	-----
Erasmus	370.3	-----	348.7	-----	336.7	-----
ES Faraday	396.3	---------	349.3	-----	363.3	--------
P9903	406.0	----------	375.3	--------	367.3	--------
Farmgigant	396.3	---------	361.3	------	336.0	-----
Shannon	370.7	-----	344.0	----	362.0	--------
-Bezugsgrösse(n)	378.3	------	355.7	------	359.5	-------
Versuchs-Mittel	381.5	-------	355.4	------	352.7	-------
VK [%]	3.8		5.6		6.8	
KGD (5%)	23.4		32.7		39.0	
KGD (1%)	31.2		43.5		51.8	
Versuchs-Streuung	14.3		20.0		23.8	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	144.4	-	133.0	-	134.3	---	151.3	----	150.3	----
Figaro KWS	155.7	-----	152.7	----	149.7	------	154.7	-----	159.3	------
ES Metronom	150.7	----	152.0	----	144.3	-----	153.7	-----	150.0	----
P8666	159.4	-------	160.7	------	154.0	-------	162.3	--------	159.3	------
P8888	159.3	-------	158.3	------	157.3	--------	155.7	-----	162.3	-------
SY Glorius	157.6	------	161.3	------	141.3	----	167.0	----------	159.0	------
LG 31280	146.5	--	150.0	----	126.0	-	155.3	-----	143.0	--
LG 31272	156.2	-----	157.0	-----	142.0	-----	162.0	--------	155.3	-----
LG 31479	159.8	-------	165.3	-------	155.3	-------	158.7	-------	166.7	--------
P8834	150.3	---	154.7	-----	143.0	-----	157.0	------	151.0	----
P9363	153.9	-----	155.3	-----	142.3	-----	152.0	----	161.3	-------
SY Impulse	150.9	----	142.3	--	141.7	----	157.7	------	154.7	-----
SY Enermax	151.7	----	145.0	---	139.0	----	145.0	-	165.0	--------
KWS Shako	155.7	-----	160.0	------	140.3	----	155.3	-----	163.7	--------
KWS Inteligens	164.0	--------	162.7	------	162.0	---------	160.3	-------	167.7	---------
KXB9201	154.6	-----	154.7	-----	138.3	----	156.7	------	162.3	-------
KXB9433	151.5	----	152.0	----	137.3	----	155.3	-----	147.0	---
SY Amfora	141.8	-	143.7	---	123.7	-	150.3	---	139.3	-
SY Infinite	163.7	--------	160.3	------	170.0	----------	160.0	-------	169.7	---------
P9610	157.1	------	154.0	-----	153.0	-------	147.0	--	170.0	---------
SM K0197	146.6	--	148.7	----	124.7	-	146.3	--	152.3	----
SM Podole	159.4	-------	155.7	-----	135.3	---	168.0	----------	167.7	---------
P1758	171.3	----------	184.3	----------	168.3	----------	161.0	--------	174.3	----------
Vitalico KWS	153.8	-----	153.3	-----	141.0	----	161.3	--------	159.7	------
P9911	161.9	-------	168.3	-------	157.0	--------	156.3	------	164.0	--------
Erasmus	148.4	---	147.0	---	141.0	----	144.0	-	159.3	------
ES Faraday	153.9	-----	150.7	----	150.3	------	155.3	-----	161.0	-------
P9903	151.5	----	157.3	-----	135.7	---	151.7	----	159.7	------
Farmgigant	149.2	---	145.0	---	138.0	----	149.0	---	150.0	----
Shannon	154.5	-----	163.3	-------	150.7	------	154.7	-----	160.7	-------
-Bezugsgrösse(n)	151.9	----	145.7	---	145.8	-----	153.5	-----	156.3	-----
Versuchs-Mittel	154.5	-----	155.0	-----	144.6	-----	155.5	-----	158.9	------
VK [%]	5.1		4.6		6.4		4.7		4.9	
KGD (5%)	4.8		11.7		15.0		12.1		12.7	
KGD (1%)	6.3		15.6		20.0		ns		16.9	
Versuchs-Streuung	7.9		7.2		9.2		7.4		7.8	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	24346.9	29	13.29	***	1.50	0.0000
Anbauorte	14280.5	6	37.67	***	2.12	0.0000
WW Verf.*Anb.Orte	15312.4	174	1.39	ns	1.23	
Fehler	25591.9	405				
Insgesamt	79531.7	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	141.7	-	153.3	----	146.7	-
Figaro KWS	150.7	----	159.3	------	163.7	--------
ES Metronom	142.7	-	157.3	-----	155.0	----
P8666	148.3	---	164.7	--------	166.3	---------
P8888	155.0	------	161.7	-------	165.0	--------
SY Glorius	154.0	-----	159.3	------	161.0	------
LG 31280	144.3	--	147.7	--	159.3	------
LG 31272	156.7	------	157.3	-----	163.0	-------
LG 31479	148.7	---	163.7	-------	160.0	------
P8834	147.0	---	144.7	-	154.7	----
P9363	145.7	--	160.7	------	160.0	------
SY Impulse	148.7	---	149.7	---	161.3	-------
SY Enermax	153.3	-----	160.7	------	153.7	----
KWS Shako	154.0	-----	157.0	-----	159.3	------
KWS Inteligens	160.3	--------	168.3	---------	166.3	---------
KXB9201	159.0	-------	161.7	-------	149.7	--
KXB9433	151.3	----	156.3	-----	161.0	------
SY Amfora	141.3	-	143.0	-	151.3	---
SY Infinite	153.3	-----	168.7	---------	163.7	--------
P9610	156.3	------	160.3	------	159.0	------
SM K0197	148.0	---	153.7	----	152.3	---
SM Podole	167.7	----------	159.3	------	162.3	-------
P1758	166.3	----------	173.3	----------	171.7	----------
Vitalico KWS	147.0	---	159.7	------	154.3	----
P9911	155.5	------	167.7	---------	164.3	--------
Erasmus	144.7	--	151.7	---	151.3	---
ES Faraday	149.0	----	158.7	------	152.3	---
P9903	146.3	--	156.7	-----	153.3	----
Farmgigant	145.0	--	157.3	-----	160.3	------
Shannon	151.7	-----	154.7	----	145.7	-
-Bezugsgrösse(n)	148.3	---	157.5	-----	155.8	-----
Versuchs-Mittel	151.1	----	158.3	------	158.3	-----
VK [%]	3.4		4.9		6.5	
KGD (5%)	8.3		12.6		ns	
KGD (1%)	11.0		16.7		ns	
Versuchs-Streuung	5.1		7.7		10.3	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	325.2	-	299.3	-	315.3	----	349.7	-----	326.7	---
Figaro KWS	345.1	-----	334.0	----	330.0	------	354.3	------	354.3	-------
ES Metronom	340.2	----	343.7	-----	321.7	-----	347.7	-----	344.7	-----
P8666	353.6	------	352.3	------	345.3	--------	360.7	--------	364.3	--------
P8888	350.0	------	351.7	------	355.7	---------	350.7	------	346.0	-----
SY Glorius	350.1	------	357.0	------	323.7	-----	374.0	----------	347.7	------
LG 31280	331.8	--	338.3	----	297.0	-	350.7	------	324.0	--
LG 31272	344.0	----	350.7	------	322.0	-----	362.0	--------	340.0	-----
LG 31479	341.6	----	350.3	------	337.3	-------	344.3	----	357.3	-------
P8834	333.5	--	338.0	----	321.7	-----	350.3	------	344.3	-----
P9363	336.9	---	343.0	-----	327.0	-----	330.3	--	347.3	------
SY Impulse	329.0	-	323.0	---	320.7	-----	346.0	-----	313.0	-
SY Enermax	338.7	---	337.3	----	331.0	------	324.3	-	351.3	------
KWS Shako	343.4	----	353.7	------	317.0	----	341.0	----	365.0	--------
KWS Inteligens	356.4	-------	358.0	------	366.0	----------	338.7	---	370.7	---------
KXB9201	346.4	-----	349.0	-----	321.3	-----	346.7	-----	372.3	---------
KXB9433	341.3	----	344.0	-----	329.3	------	334.0	--	345.0	-----
SY Amfora	330.3	--	337.3	----	298.3	--	342.3	----	336.7	----
SY Infinite	354.9	-------	358.7	------	356.3	---------	340.0	----	366.7	---------
P9610	349.7	------	342.3	-----	335.0	-------	336.7	---	378.0	----------
SM K0197	338.1	---	336.3	----	290.3	-	338.7	---	354.7	-------
SM Podole	362.4	--------	352.0	------	316.3	----	376.3	----------	380.7	----------
P1758	375.1	----------	401.0	----------	358.7	----------	358.7	-------	376.3	----------
Vitalico KWS	346.3	-----	347.7	-----	314.3	----	362.7	--------	361.7	--------
P9911	357.6	-------	373.7	--------	329.3	------	346.0	-----	361.0	--------
Erasmus	338.0	---	334.3	----	315.7	----	341.7	----	339.0	----
ES Faraday	341.7	----	330.0	----	324.0	-----	342.3	----	351.0	------
P9903	340.0	----	345.0	-----	295.7	-	343.7	----	362.0	--------
Farmgigant	344.8	-----	333.7	----	305.7	---	345.0	-----	346.3	------
Shannon	342.6	----	355.0	------	330.0	------	339.3	---	347.7	------
-Bezugsgrösse(n)	337.6	---	325.5	---	335.5	-------	350.2	------	336.3	----
Versuchs-Mittel	344.3	----	345.7	-----	325.1	-----	347.3	-----	352.5	------
VK [%]	5.0		4.7		6.6		4.5		4.1	
KGD (5%)	10.5		26.5		34.9		ns		23.4	
KGD (1%)	13.8		35.3		46.4		ns		31.1	
Versuchs-Streuung	17.3		16.2		21.4		15.7		14.3	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	67242.7	29	7.74	***	1.50	0.0000
Anbauorte	50090.7	6	27.86	***	2.12	0.0000
WW Verf.*Anb.Orte	79696.1	174	1.53	ns	1.23	
Fehler	121377.7	405				
Insgesamt	318407.2	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	323.7	-	352.0	-------	310.0	-
Figaro KWS	343.7	------	349.3	------	350.3	-----
ES Metronom	338.7	----	354.7	-------	330.3	---
P8666	338.7	----	363.3	---------	350.7	------
P8888	350.3	-------	352.3	-------	343.7	-----
SY Glorius	350.0	-------	355.0	-------	343.3	-----
LG 31280	337.0	----	336.0	----	339.3	----
LG 31272	355.3	--------	341.0	-----	337.0	----
LG 31479	325.0	-	350.3	-------	326.3	---
P8834	333.0	---	316.3	-	331.0	---
P9363	323.3	-	347.7	------	339.3	----
SY Impulse	332.7	---	325.3	--	342.0	----
SY Enermax	345.3	------	350.3	-------	331.0	---
KWS Shako	339.3	-----	343.7	-----	344.3	-----
KWS Inteligens	342.3	-----	359.3	--------	360.0	-------
KXB9201	350.7	-------	345.3	------	339.3	----
KXB9433	336.7	----	338.3	----	362.0	-------
SY Amfora	322.3	-	320.3	-	355.0	------
SY Infinite	329.7	--	366.3	---------	366.7	-------
P9610	338.7	----	354.3	-------	363.0	-------
SM K0197	334.7	---	346.3	------	365.7	-------
SM Podole	364.7	----------	359.7	--------	387.0	----------
P1758	365.3	----------	373.7	----------	392.3	----------
Vitalico KWS	335.0	----	343.0	-----	359.7	-------
P9911	346.5	------	365.0	---------	382.0	---------
Erasmus	333.0	---	339.7	-----	363.0	-------
ES Faraday	338.3	----	348.0	------	358.0	------
P9903	325.3	-	346.0	------	362.3	-------
Farmgigant	336.7	----	358.0	--------	388.0	----------
Shannon	337.3	----	335.0	----	354.0	------
-Bezugsgrösse(n)	337.0	----	352.2	-------	326.8	---
Versuchs-Mittel	339.1	-----	347.9	------	352.6	------
VK [%]	3.3		5.0		6.3	
KGD (5%)	18.2		28.6		36.4	
KGD (1%)	24.2		ns		48.4	
Versuchs-Streuung	11.1		17.5		22.2	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	67.8	-----	64.7	-----	67.3	---	75.0	-------	60.0	------
Figaro KWS	64.1	--	62.3	---	65.0	--	67.3	---	53.7	--
ES Metronom	69.2	-------	68.7	---------	76.0	-------	69.7	----	61.0	-------
P8666	67.6	-----	65.7	------	70.7	----	70.0	----	61.3	--------
P8888	67.3	-----	66.7	-------	71.7	-----	70.0	----	61.0	-------
SY Glorius	65.3	---	65.0	-----	68.7	---	68.3	---	60.7	-------
LG 31280	67.3	-----	67.0	-------	68.3	---	72.7	------	62.0	--------
LG 31272	62.4	-	61.3	--	66.3	--	66.0	--	57.0	----
LG 31479	65.1	---	64.7	-----	63.3	-	69.3	----	59.3	------
P8834	63.9	--	62.3	---	64.7	-	65.0	-	55.3	---
P9363	63.6	--	62.3	---	62.7	-	65.7	-	58.3	-----
SY Impulse	66.7	----	66.7	-------	68.0	---	68.0	---	60.3	-------
SY Enermax	65.0	---	63.7	----	67.0	---	64.3	-	59.3	------
KWS Shako	64.9	---	63.3	----	69.7	----	68.7	---	57.0	----
KWS Inteligens	64.8	---	64.0	-----	70.3	----	65.7	-	55.3	---
KXB9201	66.8	-----	65.3	------	73.3	-----	70.0	----	56.0	---
KXB9433	64.3	--	61.3	--	69.0	---	67.3	---	55.3	---
SY Amfora	62.2	-	59.7	-	65.0	--	69.3	----	52.3	-
SY Infinite	66.3	----	65.7	------	66.7	--	69.7	----	59.7	------
P9610	62.9	-	62.0	---	64.7	-	67.3	---	54.0	--
SM K0197	69.4	-------	65.3	------	71.7	-----	77.0	---------	63.3	---------
SM Podole	66.4	----	62.7	---	71.0	----	69.0	----	60.7	-------
P1758	68.5	------	65.0	-----	66.0	--	76.7	--------	65.3	----------
Vitalico KWS	66.4	----	61.3	--	70.7	----	73.3	------	58.0	-----
P9911	67.0	-----	61.3	--	68.0	---	70.3	----	58.7	-----
Erasmus	73.8	----------	66.7	-------	85.0	----------	80.0	----------	63.0	---------
ES Faraday	66.0	----	64.0	-----	69.0	---	69.0	----	58.0	-----
P9903	64.4	--	61.7	--	64.7	-	69.3	----	58.3	-----
Farmgigant	72.5	---------	70.7	----------	75.3	------	77.7	---------	65.3	----------
Shannon	66.4	----	64.3	-----	68.7	---	69.0	----	57.7	-----
-Bezugsgrösse(n)	67.5	-----	65.7	------	69.5	----	72.5	------	60.5	-------
Versuchs-Mittel	66.3	----	64.2	-----	68.9	---	70.0	----	58.9	------
VK [%]	4.3		4.7		4.0		4.6		5.4	
KGD (5%)	1.7		4.9		4.5		5.3		5.2	
KGD (1%)	2.3		ns		6.0		7.1		6.9	
Versuchs-Streuung	2.9		3.0		2.8		3.3		3.2	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	4250.4	29	17.76	***	1.50	0.0000
Anbauorte	9235.4	6	186.50	***	2.12	0.0000
WW Verf.*Anb.Orte	2726.4	174	1.90	***	1.23	0.0005
Fehler	3342.7	405				
Insgesamt	19554.8	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	70.0	-------	73.0	-------	64.3	-----
Figaro KWS	67.3	-----	69.3	-----	64.0	-----
ES Metronom	70.3	-------	73.0	-------	66.0	------
P8666	67.7	-----	74.0	--------	63.7	-----
P8888	65.3	---	71.7	-------	65.0	------
SY Glorius	68.0	-----	64.3	--	62.3	----
LG 31280	66.0	----	70.7	------	64.7	-----
LG 31272	65.3	---	62.7	-	58.0	-
LG 31479	66.0	----	71.3	------	61.7	---
P8834	66.7	----	68.3	----	64.7	-----
P9363	63.0	-	70.0	-----	63.0	----
SY Impulse	68.0	-----	71.0	------	65.0	------
SY Enermax	65.0	---	72.3	-------	63.3	-----
KWS Shako	66.7	----	66.0	---	63.0	----
KWS Inteligens	63.0	-	71.3	------	63.7	-----
KXB9201	66.7	----	71.3	------	65.0	------
KXB9433	62.0	-	70.3	------	65.0	------
SY Amfora	64.7	---	64.3	--	60.3	--
SY Infinite	63.0	-	73.3	--------	66.3	-------
P9610	63.0	-	66.0	---	63.3	-----
SM K0197	71.0	--------	73.0	-------	64.3	-----
SM Podole	65.7	---	74.0	--------	61.7	---
P1758	66.0	----	73.0	-------	67.3	-------
Vitalico KWS	67.3	-----	72.0	-------	62.3	----
P9911	68.0	-----	75.7	---------	67.3	-------
Erasmus	73.3	----------	77.7	----------	71.0	----------
ES Faraday	68.3	------	69.0	-----	64.3	-----
P9903	62.7	-	68.7	-----	65.3	------
Farmgigant	74.7	----------	72.3	-------	71.7	----------
Shannon	66.7	----	71.0	------	67.3	-------
-Bezugsgrösse(n)	67.7	-----	72.3	-------	64.7	-----
Versuchs-Mittel	66.7	----	70.7	------	64.5	-----
VK [%]	4.0		3.8		3.8	
KGD (5%)	4.4		4.4		4.0	
KGD (1%)	5.8		5.8		5.4	
Versuchs-Streuung	2.7		2.7		2.5	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	6.6	--------	6.9	----------	6.9	------	6.2	-	6.5	--------
Figaro KWS	6.4	---	6.5	----	6.5	--	6.3	---	6.1	--
ES Metronom	6.4	----	6.5	---	6.7	----	6.4	----	6.2	----
P8666	6.4	----	6.5	----	6.5	--	6.3	---	6.2	----
P8888	6.5	------	6.6	------	6.6	---	6.4	----	6.2	----
SY Glorius	6.3	--	6.3	-	6.6	---	6.2	-	6.1	---
LG 31280	6.4	----	6.5	---	6.7	----	6.2	--	6.5	--------
LG 31272	6.4	----	6.5	----	6.7	-----	6.1	-	6.3	------
LG 31479	6.7	----------	6.8	--------	7.0	--------	6.4	-----	6.5	---------
P8834	6.7	----------	6.8	--------	7.0	--------	6.4	----	6.4	--------
P9363	6.8	----------	6.8	---------	7.0	--------	6.6	-------	6.5	---------
SY Impulse	6.7	---------	7.0	----------	6.9	-------	6.4	----	6.6	----------
SY Enermax	6.8	----------	7.0	----------	7.0	--------	6.7	--------	6.5	--------
KWS Shako	6.6	-------	6.7	-------	7.0	--------	6.5	------	6.2	-----
KWS Inteligens	6.7	----------	6.8	---------	6.9	-------	6.6	-------	6.4	--------
KXB9201	6.4	----	6.6	-----	6.7	-----	6.2	--	6.1	--
KXB9433	6.7	---------	6.8	---------	7.0	--------	6.3	----	6.6	----------
SY Amfora	6.7	---------	6.8	--------	7.2	----------	6.2	-	6.5	--------
SY Infinite	6.7	---------	6.9	---------	6.6	----	6.5	------	6.3	------
P9610	6.6	--------	6.7	-------	6.6	----	6.8	----------	6.2	----
SM K0197	6.5	-----	6.5	----	6.7	-----	6.4	----	6.3	-----
SM Podole	6.2	-	6.3	-	6.4	-	6.3	----	6.0	-
P1758	6.6	-------	6.3	-	6.6	---	6.5	------	6.5	---------
Vitalico KWS	6.5	-----	6.5	---	6.5	---	6.3	---	6.2	-----
P9911	6.6	-------	6.4	---	6.8	-----	6.5	------	6.4	-------
Erasmus	6.5	------	6.5	---	6.5	--	6.6	------	6.3	------
ES Faraday	6.7	--------	6.7	------	6.6	---	6.6	------	6.4	-------
P9903	6.7	----------	6.7	------	6.9	-------	6.7	--------	6.5	--------
Farmgigant	6.5	------	6.6	-----	6.7	----	6.4	-----	6.3	------
Shannon	6.7	---------	6.6	-----	6.6	---	6.9	----------	6.5	---------
-Bezugsgrösse(n)	6.6	-------	6.8	--------	6.7	-----	6.3	---	6.3	------
Versuchs-Mittel	6.6	-------	6.6	------	6.7	-----	6.4	-----	6.3	------
VK [%]	3.0		2.9		3.1		3.3		2.8	
KGD (5%)	0.1		0.3		0.3		0.3		0.3	
KGD (1%)	0.2		0.4		0.5		0.5		0.4	
Versuchs-Streuung	0.2		0.2		0.2		0.2		0.2	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	13.6	29	12.26	***	1.50	0.0000
Anbauorte	11.0	6	47.60	***	2.12	0.0000
WW Verf.*Anb.Orte	9.9	174	1.48	ns	1.23	
Fehler	15.5	405				
Insgesamt	50.1	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	6.8	---------	6.6	------	6.5	------
Figaro KWS	6.5	------	6.4	--	6.1	--
ES Metronom	6.5	-----	6.5	---	6.3	---
P8666	6.6	-------	6.6	-----	6.1	--
P8888	6.7	--------	6.8	--------	6.4	-----
SY Glorius	6.4	----	6.5	---	6.1	--
LG 31280	6.5	------	6.5	---	6.2	---
LG 31272	6.4	----	6.6	------	6.0	-
LG 31479	6.9	----------	6.9	---------	6.5	------
P8834	6.7	--------	6.9	----------	6.8	--------
P9363	6.9	----------	6.8	--------	6.8	---------
SY Impulse	6.7	--------	6.8	--------	6.5	------
SY Enermax	6.7	--------	6.9	---------	6.8	--------
KWS Shako	6.6	-------	6.7	------	6.5	------
KWS Inteligens	6.8	---------	6.8	---------	6.7	--------
KXB9201	6.3	----	6.5	---	6.5	------
KXB9433	6.6	-------	6.9	---------	6.5	------
SY Amfora	6.6	-------	6.9	---------	6.6	-------
SY Infinite	6.8	---------	6.8	--------	6.7	--------
P9610	6.6	-------	6.8	--------	6.8	--------
SM K0197	6.4	----	6.6	-----	6.5	-----
SM Podole	6.0	-	6.3	-	6.2	---
P1758	6.7	--------	6.7	-------	6.7	--------
Vitalico KWS	6.6	-------	6.5	---	6.6	-------
P9911	6.8	---------	6.6	------	6.6	-------
Erasmus	6.7	--------	6.6	-----	6.5	------
ES Faraday	6.7	--------	6.6	------	7.0	----------
P9903	6.9	----------	6.8	--------	6.8	---------
Farmgigant	6.6	-------	6.5	---	6.5	------
Shannon	6.7	--------	6.8	--------	6.9	----------
-Bezugsgrösse(n)	6.7	--------	6.7	-------	6.5	-----
Versuchs-Mittel	6.6	-------	6.7	------	6.5	------
VK [%]	2.3		3.3		3.0	
KGD (5%)	0.2		ns		0.3	
KGD (1%)	0.3		ns		0.4	
Versuchs-Streuung	0.2		0.2		0.2	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Walterinio KWS	6.9	--------	7.2	---------	7.2	------	6.3	--	6.7	---------
Figaro KWS	6.5	---	6.8	-----	6.7	--	6.5	---	6.2	---
ES Metronom	6.6	----	6.7	---	7.0	----	6.5	----	6.3	----
P8666	6.6	----	6.8	-----	6.6	-	6.5	---	6.3	----
P8888	6.7	------	6.9	------	6.8	--	6.5	----	6.3	-----
SY Glorius	6.5	--	6.4	-	6.8	---	6.3	--	6.2	---
LG 31280	6.6	----	6.7	---	6.9	----	6.3	--	6.7	---------
LG 31272	6.6	---	6.7	----	7.0	-----	6.2	-	6.5	-------
LG 31479	7.0	---------	7.1	--------	7.4	--------	6.6	-----	6.7	---------
P8834	7.0	---------	7.0	-------	7.4	--------	6.6	----	6.6	--------
P9363	7.1	----------	7.2	---------	7.4	--------	6.9	-------	6.7	---------
SY Impulse	7.0	---------	7.3	----------	7.3	-------	6.5	----	6.8	----------
SY Enermax	7.1	----------	7.3	----------	7.3	-------	7.0	--------	6.6	--------
KWS Shako	6.8	-------	7.0	-------	7.4	--------	6.7	-----	6.3	----
KWS Inteligens	7.0	----------	7.1	--------	7.3	--------	6.8	-------	6.6	--------
KXB9201	6.6	----	6.8	-----	7.0	----	6.4	---	6.2	---
KXB9433	6.9	--------	7.1	--------	7.3	-------	6.5	---	6.8	----------
SY Amfora	6.9	---------	7.0	-------	7.7	----------	6.3	--	6.7	---------
SY Infinite	6.9	---------	7.2	---------	6.9	---	6.7	------	6.5	------
P9610	6.9	--------	7.0	-------	6.9	---	7.2	----------	6.3	----
SM K0197	6.7	-----	6.7	---	7.0	-----	6.6	-----	6.4	-----
SM Podole	6.4	-	6.5	-	6.6	-	6.5	----	6.0	-
P1758	6.8	-------	6.5	-	6.8	---	6.7	------	6.7	---------
Vitalico KWS	6.7	-----	6.7	---	6.7	--	6.5	----	6.4	-----
P9911	6.8	-------	6.6	---	7.1	-----	6.7	------	6.6	-------
Erasmus	6.7	------	6.7	----	6.6	-	6.8	-------	6.5	------
ES Faraday	6.9	--------	6.9	------	6.8	---	6.8	-------	6.6	-------
P9903	7.0	----------	6.9	------	7.2	-------	6.9	-------	6.6	--------
Farmgigant	6.7	------	6.8	-----	6.9	----	6.6	----	6.5	------
Shannon	7.0	----------	6.8	-----	6.8	---	7.2	----------	6.7	---------
-Bezugsgrösse(n)	6.8	-------	7.0	-------	7.0	----	6.4	---	6.5	-------
Versuchs-Mittel	6.8	-------	6.9	------	7.0	-----	6.6	-----	6.5	-------
VK [%]	3.7		3.5		3.8		4.1		3.6	
KGD (5%)	0.2		0.4		0.4		0.4		0.4	
KGD (1%)	0.2		0.5		0.6		0.6		0.5	
Versuchs-Streuung	0.3		0.2		0.3		0.3		0.2	
FG Fehlerterm	405.0		58.0		58.0		58.0		58.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	22.4	29	12.35	***	1.50	0.0000
Anbauorte	18.7	6	49.65	***	2.12	0.0000
WW Verf.*Anb.Orte	17.5	174	1.60	ns	1.23	
Fehler	25.4	405				
Insgesamt	84.0	614				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Walterinio KWS	7.0	---------	6.8	-----	6.8	------
Figaro KWS	6.7	-----	6.6	--	6.1	-
ES Metronom	6.7	-----	6.7	---	6.5	----
P8666	6.9	-------	6.9	-----	6.3	--
P8888	6.9	-------	7.1	--------	6.6	-----
SY Glorius	6.6	-----	6.7	---	6.2	--
LG 31280	6.7	------	6.7	---	6.4	---
LG 31272	6.5	----	6.9	------	6.1	-
LG 31479	7.3	----------	7.2	----------	6.7	------
P8834	7.0	--------	7.3	----------	7.1	---------
P9363	7.2	----------	7.0	-------	7.1	---------
SY Impulse	6.9	-------	7.1	--------	6.7	------
SY Enermax	6.9	-------	7.2	----------	7.0	---------
KWS Shako	6.8	-------	6.9	------	6.7	------
KWS Inteligens	7.1	---------	7.2	---------	7.0	--------
KXB9201	6.5	----	6.6	--	6.8	------
KXB9433	6.8	-------	7.2	---------	6.7	------
SY Amfora	6.9	-------	7.2	---------	6.8	-------
SY Infinite	7.1	---------	7.1	--------	7.0	---------
P9610	6.8	-------	7.1	--------	7.0	---------
SM K0197	6.5	----	6.9	-----	6.7	------
SM Podole	6.1	-	6.5	-	6.3	---
P1758	7.0	--------	6.9	------	7.0	--------
Vitalico KWS	6.9	-------	6.7	---	6.8	-------
P9911	7.1	---------	6.9	------	6.9	-------
Erasmus	6.9	--------	6.9	-----	6.8	------
ES Faraday	7.0	--------	6.9	------	7.3	----------
P9903	7.2	----------	7.1	--------	7.1	---------
Farmgigant	6.9	-------	6.7	----	6.7	-----
Shannon	7.0	--------	7.1	--------	7.2	----------
-Bezugsgrösse(n)	7.0	--------	7.0	-------	6.7	------
Versuchs-Mittel	6.9	-------	6.9	------	6.7	------
VK [%]	2.8		4.1		3.7	
KGD (5%)	0.3		ns		0.4	
KGD (1%)	0.4		ns		0.5	
Versuchs-Streuung	0.2		0.3		0.3	
FG Fehlerterm	57.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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