

Pflanzen

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Résultats des essais variétaux de maïs ensilage 2019

Resultate der Haupt- versuche Silomais 2019

Autoren

Jürg Hiltbrunner, Ulrich Buchmann und Pierre Pignon

Partner

Delley Samen und Pflanzen AG

Carine Oberson und Cécile Brabant, Agroscope



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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 1 ^{ière} , 2 ^{ième} ou 3 ^{ième} 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 1 ^{ière} , 2 ^{ième} ou 3 ^{ième} 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 m² à la récolte
- Effektive Bestandesdichte bei der Ernte in Pflanzen pro m²

Digestibilité (NIRS) / Gehalt verdauliche organische Substanz

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

Teneur en cellulose brute (NIRS) / Rohfaser

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

Teneur en protéines (NIRS) / Proteingehalt

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

Teneur en amidon (NIRS) / Stärkegehalt

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

NDF (NIRS) / Zellwandanteil

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

NEL (NIRS) / NEL

- Energie nette pour la lactation en mégajoules par kg de MS
- Nettoenergie Laktation in Megajoules pro kg TS

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

- Le calcul de l'indice est obtenu par les valeurs moyennes de chaque critère des deux meilleures variétés standard (= valeur de base). Les indices partiels pondérés de chaque critère sont encore pondérés d'après le nombre d'observations réalisées (nombre de lieux d'essais).
- Als Basis für die Indexberechnung dienen die Merkmalsmittelwerte der zwei besten mitgeprüften Standardsorten (= Basiswert). Zusätzlich zur nachfolgend beschriebenen Gewichtung der Teilindizes werden diese entsprechend der gemachten Anzahl Beobachtungen (Anzahl Versuchsorte) gewichtet.

Qualité / Qualität:

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

Rendement / Ertrag :

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

Précocité / Reife :

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

Vigueur au départ / Jugendentwicklung :

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

Verse en végétation / Lagerung während Vegetation :

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

Verse à la récolte / Lagerung bei Ernte :

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

Plantes cassées à la récolte / Stängelbruch bei Ernte :

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

Charbon / Beulenbrand :

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

Indice global / Gesamtindex :

- Somme de tous les indices partiels
- Summe aller Teilindizes

3 Nördlich der Alpen / Nord des Alpes

3.1 Serie früh / Série précoce

3.1.1 Standortangaben / Informations des lieux

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	2019	
			Saattermin / date de semis	Erntetermin / date de récolte
1260	Nyon	430	06.05.19	29.08.19 *
1567	Delley	511	23.05.19	13.09.19
1725	Grangeneuve	650	15.05.19	30.09.19
3065	Habstetten	680	16.05.19	27.09.19
5643	Alikon	490	17.05.19	25.09.19
8046	Reckenholz	440	14.05.19	11.09.19
8193	Eglisau	390	15.05.19	17.09.19
8566	Ellighausen	503	27.05.19	03.10.19

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

3.1.2 Sorten / Status

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
SY Amboss	SA1051	SC	Syngenta	Syngenta, Dielsdorf		SM01/S
LG 31211	LZM163/74	SC	Limagrain / Europe	Fenaco, Moudon	KM01/S	SM01/S
Spyci CS	CSM2152	SC	Caussade Semence	Schweizer		SM01/S
Karibous	KXB4302	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/S
Amanova	KXB5127	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/S
LG 31205	LZM166/71	SC	Limagrain / Europe	Fenaco, Moudon		SM01/S
ES2821	ES2821	SC	Monsanto, USA	Monsanto, Morges		SM01/e2
LG 31219	LZM 166/73	SC	Limagrain / Europe	Fenaco, Moudon	KM01/e2	SM01/e2
LG 31207	LZM 167/39	SC	Limagrain / Europe	Fenaco, Moudon		SM01/e2
Damario	KXB7307	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e2
Papageno	KXB7313	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e2
Amaizi CS	CSM16001	SC	Caussade Semences			SM01/e2
Landlord		SC	agaSaat GmbH & Co	Schweizer, Thun		SM01/e2
ES Piccard	ESZ6108	TC	Euralis Saaten GmbH			SM01/e1
RH17015	RH17015	SC	RAGT 2n, F	Fenaco, Moudon		SM01/e1
CSM 17121	CSM 17121	SC	Caussade Semences			SM01/e1
Davos	AIC14B001	SC	DSV, D			SM01/e1
(Farmunox)	SM G0227		von Moreau Saatzucht, D	Samen Steffen, Langenthal		SM01/1.
SB0747	SB0747	SC	Syngenta, CH	Syngenta, Dielsdorf	KM01/e1	SM01/e1
SB1186	SB1186	SC	Syngenta, CH	Syngenta, Dielsdorf		SM01/e1
SY Calo	SB1285	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/e2	SM01/e1
KWS Dorico	KXB7303	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e1
KXB8111	KXB8111	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e1
LG 30222	LZM 158/51	SC	Limagrain / Europe	Fenaco, Moudon	KM01/T	SM01/T
DKC 2978	EQ3048	SC	Monsanto, USA	Monsanto, Morges		SM01/T
Kaprilias	KXB5305	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/T
KWS Colonnada	KXB6303	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/T
Hulk			agaSaat GmbH & Co	Schweizer, Thun		FS
SY Pandoras	SB1165	SC	Syngenta, CH	Syngenta, Dielsdorf		FS
DKC 2684	ER2602	SC	Monsanto, USA	Monsanto, Morges	KM01/e1	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.)	Delley (500 m ü.M.) Billon 2	Grangeneuve (650 m ü.M.)	Habstetten (620 m ü.M.)	Allion (494 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Elighausen (605 m ü.M.)	
Bodenart / type de sol / soil type:	limono sableux	Moyen: 15-20 % argile, pH 7,2	moyen	sandiger Lehm	schwach humoser Schlufflehm	Para-Kalkbraunerde	Humos eher leicht	-	
Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfall (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 8°C; Saat - Ernte/ semis - récolte / seeding - harvest):	06.07. Irrigation: 30 mm; 17.07. Irrigation: 30 mm; 24.07. Irrigation: 30 mm; pluviométrie: 339 mm / 1471,1°C	327,8 mm (selon Agrometeo, station Delley) / 1487°C (selon Agrometeo, station Delley, seuil 6°C)	348,8 mm / 1552,6°C (selon Agrometeo, station Didingen)	424,6 mm / 1589,2°C	406,3 mm / 1646°C	415,7 mm / 1492,7°C	394,2 mm / 1581,2°C (Agrometeo, Station Steinmaur)	395,2 mm / 1533,2°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 0,8m Weg (22,4m ² brutto), 10m ² netto	Semé: 17 m ² per single plot (brut, avec chemin), 14,4 m ² net, 4 rangs Récolté: 6,5 m ² per single plot (brut, avec chemin), 7,2 m ² net, 2 rangs au milieu	4reihig, mit 0,8m Weg (22,4m ² brutto), 10 m ² netto	4reihig, mit 0,8m Weg (22,4m ² brutto), 10 m ² netto	15 m ² pro Parzelle brutto (4reihig, mit 0,8m Weg), 6,3 m ² netto	15 m ² pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m ² netto	15 m ² pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m ² netto	15 m ² pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m ² netto	
Vorfucht / précédent cultural / previous crop:	blé d'hiver	Blé de printemps	prairie	orge / Gerste	Körnermais/Silomais + Wintergrün (Ernte Wintergrün 01.05.19; 16 Sioballen/ha)	Kunstwiese / prairie temporaire / temporary grassland	Zuckerrüben	Raps / Gründüngung UFA Lepin	
Bodenbearbeitung / travail du sol / soil cultivation:	labour: 02.05.; herse rotative: 06.05.	28.11.2018: Labour 22.05.2019: Herse rotative	Pflug (13.5.19) und Kreiselege (14.5.2019) / charrue et herse rotative / plough and rotary harrow	Pflug und Kreiselege / charrue et herse rotative / plough and rotary harrow	Streifenfrässaat	Pflug (23.11.18), Egge (Mail) / charrue et herse / plough and harrow	Pflug und Kreiselege / charrue et herse rotative / plough and rotary harrow	Pflug (Hebst) und 2 mal Kulturregge / charrue (automne) et herse rotative / plough (fall) and rotary harrow	
Saat / date de semis / sowing date:	06.05.2019	23.05.2019 (jour 143)	15.05.2019	16.05.2019	17.05.2019	14.05.2019	15.05.2019	27.05.2019	
Ernte / date de récolte / harvest date:	29.08.2019	13.09.2019 (jour 256)	30.09.2019	27.09.2019	25.09.2019	11.09.2019	17.09.2019	03.10.2019	

Technische Versuchangaben / données techniques / technical information										
Standort / lieu / site:	Nyon (430 m ü.M.)	Delley (500 m ü.M.) Billion 2	Pré	Grangeneuve (650 m ü.M.)	Habstetten (620 m ü.M.)	Allikon (494 m ü.M.)	Zürich-Altflotern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (603 m ü.M.)	
Saadichte / densité de semis / sowing density:	10.5 Körner / grains pro m2	Semis: 10,8 grains / m2, éclairci à 10 plantes/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	11.5 Körner / grains pro m2	
Vegetationsdauer / durée de végétation / growing period	115 Tage / jours / days	113 jours		138 Tage / jours / days	134 Tage / jours / days	131 Tage / jours / days	120 Tage / jours / days	125 Tage / jours / days	129 Tage / jours / days	
Reihenabstand / interfiligres / row distance:	75 cm	80 cm		75 cm	75 cm	75 cm	75 cm	75 cm	75 cm	
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-		-	-	-	04.06.2019 hacken zwischen den Reihen gekoppelt mit Düngung	-	-	
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Gardo Gold 4 l/ha, Banvel MS 0.5 l/ha, Elumis 1,3 l/ha (06.06.2019)	19.06.2019: Equip Power (2.18 L/ha) + Banvel 4S (0.437 L/ha)		17.6.19: 1.5 l/ha Equip Power	Elumis 1.3 l/ha + Spectrum 4.2 l/ha 4.06.19	18.04.19: Glyosat 2.0 l/ha + Checkpoint 0.2l/ha; 01.06.20: 1.5l/ha Equip Power + 1.2l/ha Spectrum+ 1.0l/ha Swiss Comp	28.06.2019: Aspect 2l/ha, Laudis 2l/ha, Banvel 4S 0.5l/ha	Equip Power und Spectrum (22.06.2019)	Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha	
Grunddüngung / fumure de base / basic fertilisation:	02.06.18: 132 m3 Iisler bovins (94 kg N/ha; 47 kg P/ha; 127 kg K/ha)	21.01.2019: Landor 0.20.30 (300 kg/ha)			16.04. Kall 60 % 200 kg/ha; Gramaphos 17 %: 310 kg/ha	21.2.19: Schweinegülle Wintergrün (25m3); 2.5.19: Schweinegülle 35m3	-	PK 20.30: 100 kg P/ha, 150 kg K/ha (nach Prilligen)	Stallmist 200 dt/ha	
N-Düngung / fumure N / N fertilisation:	Nitrate ammoniacale 21.5, 60 kg N/ha; urée perle 46 % 20.06. 60 kg N/ha	24.04.2019: Sulfamid 30.0.0 (600 kg/ha) 18.06.2019: Sulfamid 30.0.0 (100 kg/ha)		23.05.19 Nitrate 24 % - 100 kg /ha; 28.06.19: urée 46 %: 190 kg/ha	28.05.40.5 kg N/ha ammonitrate; 14.06. 82 kg N/ha (Harnstoff)	Ammonsalpeter bei Saat 150 kg /ha; 08.06.19 Harnstoff 160 kg /ha	60 kg N/ha Mg-Ammonsalpeter 24 % + 5% (2.5 dt/ha) (04.06.2019)	Harnstoff (46%) 161 kg N/ha	23.04.2019: Ammonsalpeter (2 kg N/ha); 17.05.2019: Harnstoff (1.8 kg N/ha)	
N-Mineralisierung zu Vegetationsbeginn / minéralisation azote au début de la saison / N mineralisation at the beginning of the vegetation period:	-	-		-	-	-	-	-	-	
Ernte / Récolte / harvest:	Baural Maishäckler / ensileuse	Ensilage expérimentale		Baural Maishäckler / ensileuse	Baural Maishäckler / ensileuse	New Holland Versuchsmäshäckler	New Holland Versuchsmäshäckler	New Holland Versuchsmäshäckler	New Holland Versuchsmäshäckler	New Holland Versuchsmäshäckler

3.1.4 Index / Indice

Sorte	Status	VOS	Ertrag	Reife	Jugend- entwicklung	Wurzellag.		Stängelbr. Ernte	Beulen- brand	Oekon. Index	Agron. Index	Gesamt- index
						Veget.	Ernte					
KWS Dorico	e1	9.09	-2.97	-3.18	0.19	-0.06	0.23		0.79	6.11	-2.03	4.09
LG 31205	S	1.20	0.32	0.44	0.01	0.03	-0.10		-0.36	1.52	0.02	1.54
LG 31207	e2	-2.80	2.78	0.81	-0.03	-0.06	0.03		0.60	-0.02	1.36	1.34
KWS Damaro	e2	0.50	0.06	-2.36	-0.10	-0.07	0.54		0.84	0.56	-1.15	-0.59
LG 31219	e2	1.56	-0.98	-2.66	-0.15	-0.07	0.36		0.46	0.58	-2.06	-1.48
AmanoVa	S	-1.20	-0.32	-0.44	-0.01	-0.03	0.10		0.36	-1.52	-0.02	-1.54
SB1186	e1	4.71	-2.88	-4.50	0.01	-0.49	0.29		0.43	1.83	-4.27	-2.44
KWS Papageno	e2	1.54	-5.42	-0.60	-0.06	-0.12	0.17		0.35	-3.88	-0.26	-4.14
Kaprilias	T	0.97	-5.67	-1.71	-0.12	-0.01	0.34		0.74	-4.69	-0.76	-5.45
Hulk	FS	1.35	1.83	-8.63	0.00	-0.52	-0.37		0.74	3.18	-8.79	-5.61
KWS Colonnada	T	-0.47	-7.83	1.91	-0.01	0.01	0.70		-0.17	-8.30	2.44	-5.86
ES Piccard	e1	-7.33	4.89	-4.09	0.20	-0.07	0.26		0.13	-2.44	-3.58	-6.02
KXB8111	e1	-6.84	-1.92	1.28	-0.13	0.06	0.91		0.47	-8.76	2.59	-6.17
Davos	e1	-1.18	-2.87	-3.33	0.31	-0.24	0.83		-0.40	-4.05	-2.84	-6.88
SY Pandoras	FS	-4.70	0.78	-5.69	-0.17	0.02	1.07		1.03	-3.92	-3.74	-7.66
Karibous	S	1.39	-8.45	-1.38	-0.22	0.03	0.18		-0.02	-7.06	-1.41	-8.47
LG 30222	T	-4.19	-5.52	-1.94	0.08	-0.27	0.91		1.21	-9.71	-0.02	-9.73
Farmunox	1.	-3.35	-9.08	1.50	-0.04	0.02	0.45		0.42	-12.43	2.36	-10.06
Spycl CS	S	-2.95	-8.06	-0.91	0.02	-0.07	0.90		0.72	-11.01	0.65	-10.35
DKC 2978	T	0.38	-9.69	-1.57	-0.18	-0.27	0.58		-0.22	-9.30	-1.65	-10.96
Landlord	e2	-5.06	-2.87	-3.79	-0.04	-0.31	0.69		0.41	-7.94	-3.03	-10.96
CSM 17121	e1	-9.29	0.68	0.86	0.14	-1.13	-2.51		0.18	-8.62	-2.46	-11.07
SY Calo	e1	-5.08	-3.45	-4.11	0.01	0.08	1.07		-0.40	-8.54	-3.36	-11.90
LG 31211	S	-6.32	-4.80	-1.13	0.22	-0.48	-0.33		-0.30	-11.12	-2.02	-13.14
DKC 2684	FS	-8.55	-2.00	-1.32	-0.12	0.01	-0.01		-1.41	-10.55	-2.85	-13.39
SY Amboss	S	-8.87	-5.98	-0.54	-0.25	0.08	0.75		0.78	-14.86	0.82	-14.04
SB0747	e1	-5.67	-11.92	2.10	-0.24	0.08	0.96		0.54	-17.59	3.44	-14.15
ES2821	e2	-8.04	-3.91	-2.55	-0.29	-0.65	0.39		0.70	-11.94	-2.39	-14.34
Amaizi CS	e2	-6.26	-8.22	1.83	-0.20	-1.72	-0.93		-0.38	-14.49	-1.40	-15.89
RH17015	e1	-13.22	-4.57	-5.27	-0.26	0.02	0.68		-1.37	-17.78	-6.20	-23.98
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	18	6	3		21			
Anz. Orte		7	7	7	6	2	1		7			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75		0.25			

3.1.5 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- ent- wicklg. Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Green snap Note	Green snap %	Wurzel- lager Veg. Note	Wurzel- lager Veg. %
SY Amboss	4.4	69.8	68.4	254.2	123.3	48.7	1.0	0.0	1.0	0.0
LG 31211	3.3	67.5	66.8	253.8	117.5	46.3	1.0	0.0	2.0	7.8
Spyci CS	3.8	67.6	66.9	242.5	99.2	41.4	1.0	0.0	1.3	2.1
Karibous	4.3	68.0	67.6	240.4	117.5	49.1	1.0	0.0	1.0	0.7
Amanova	3.8	68.3	67.6	256.3	116.7	45.7	1.7	8.3	1.0	1.5
LG 31205	3.7	67.5	67.3	268.8	124.2	46.3	1.0	0.0	1.0	0.7
ES2821	4.5	69.3	68.8	262.9	124.6	47.5	1.0	0.0	2.3	10.2
LG 31219	4.1	68.0	67.3	267.9	122.5	45.9	1.0	0.0	1.3	2.1
LG 31207	3.9	67.3	67.0	273.3	127.5	46.7	1.0	0.0	1.0	2.0
KWS Damario	4.0	68.3	68.0	248.8	119.2	48.0	1.0	0.0	1.3	2.1
KWS Papageno	3.9	68.1	67.5	248.3	110.5	44.9	1.3	4.2	1.3	2.8
Amaizi CS	4.3	67.9	67.1	228.3	106.7	46.8	1.0	0.0	4.7	25.2
Landlord	3.9	69.3	68.0	260.4	123.8	47.7	1.0	0.0	1.3	5.4
ES Piccard	3.3	68.5	67.8	280.4	125.4	44.8	1.0	0.0	1.3	2.1
RH17015	4.4	70.6	68.8	263.8	117.9	44.8	1.0	0.0	1.0	0.8
CSM 17121	3.5	68.5	67.6	253.3	117.9	46.6	1.0	0.0	2.7	16.9
Davos	3.1	68.4	67.1	254.2	116.7	46.2	1.0	0.0	1.7	4.4
Farmunox	3.9	68.3	67.6	234.6	109.2	46.7	1.0	0.0	1.0	0.8
SB0747	4.4	68.8	68.2	222.5	107.5	48.4	1.0	0.0	1.0	0.0
SB1186	3.8	68.7	67.9	245.8	119.6	48.7	1.7	8.3	2.0	8.0
SY Calo	3.8	69.0	68.2	234.2	112.5	48.2	1.0	0.0	1.0	0.0
KWS Dorico	3.4	68.9	68.1	258.8	124.6	48.3	1.2	2.1	1.0	1.9
KXB8111	4.1	68.9	68.1	251.7	129.2	51.4	1.0	0.0	1.0	0.3
LG 30222	3.6	67.9	67.1	238.8	114.2	47.9	1.0	0.0	1.7	4.9
DKC 2978	4.2	69.0	68.1	250.0	115.8	46.5	1.0	0.0	1.7	4.9
Kaprilias	4.1	68.5	67.6	246.7	114.6	46.6	1.0	0.0	1.0	1.2
KWS Colonnada	3.8	68.3	67.5	236.7	116.3	49.3	1.0	0.0	1.0	1.0
Hulk	3.8	70.9	70.4	266.3	132.5	49.8	1.0	0.0	2.3	8.3
SY Pandoras	4.2	70.1	69.0	262.5	122.1	46.6	1.1	0.8	1.0	0.8
DKC 2684	4.1	68.8	68.1	255.4	119.9	47.1	1.3	4.2	1.0	1.0
Bezugsgrösse(n)	3.8	67.9	67.4	262.5	120.4	46.0	1.1	1.4	1.0	1.1
Versuchs-Mittel	3.9	68.6	67.8	252.0	118.3	47.1	1.1	0.9	1.5	4.0
VK [%]	17.3	1.1	1.0	4.1	10.9	10.6	29.5	425.7	40.1	146.9
KGD (5%)	0.4	0.5	0.6	8.4	10.4	4.0			1.0	6.7
KGD (1%)	0.6	0.7	0.7	11.1	13.7				1.3	8.9
Versuchs-Streuung	0.7	0.7	0.7	10.5	12.9	5.0	0.3	4.0	0.6	5.9
FG Fehlerterm	348.0	290.0	232.0	232.0	232.0	232.0	58.0	58.0	58.0	116.0
Anz. Beob.	18.0	15.0	12.0	12.0	12.0	12.0	3.0	3.0	3.0	6.0
Anz. Orte	6.0	5.0	4.0	4.0	4.0	4.0	1.0	1.0	1.0	2.0
Minimum	3.1	67.3	66.8	222.5	99.2	41.4	1.0	0.0	1.0	0.0
Maximum	4.5	70.9	70.4	280.4	132.5	51.4	1.7	8.3	4.7	25.2

Sorten Bezeichnung	Wurzel- lager Ernte %	Beulen- brand %	«Blitz- Fusarien» Note	Mais- zünsler %	allg. Ein- druck Note	Effekt. Best. dichte Pfl./m2	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	Feucht- keit NIRS % TS
SY Amboss	3.0	3.0	1.6	2.1	3.3	10.1	557.8	213.6	38.3	34.9
LG 31211	13.1	7.3	1.7	1.6	5.0	9.8	573.9	216.0	37.8	35.2
Spyci CS	1.6	3.2	1.8	1.2	4.7	9.6	551.4	209.5	38.0	35.5
Karibous	8.4	6.2	4.0	2.4	3.7	10.1	558.7	208.7	37.6	33.5
Amanova	9.0	4.7	1.4	2.5	4.0	10.0	585.4	225.0	38.4	36.4
LG 31205	11.1	7.5	2.0	2.7	4.0	10.1	581.9	226.3	39.0	36.5
ES2821	6.3	3.3	1.8	3.0	4.7	9.9	593.4	217.8	36.7	35.0
LG 31219	6.7	4.3	1.5	1.2	4.0	9.6	611.9	223.6	36.6	35.8
LG 31207	9.7	3.7	3.0	2.8	2.7	10.1	588.0	231.2	39.3	37.0
KWS Damario	4.9	2.8	2.7	3.0	3.3	10.0	613.5	225.7	36.8	33.9
KWS Papageno	8.4	4.7	2.0	1.8	5.0	10.0	564.3	214.8	38.2	35.8
Amaizi CS	18.6	7.6	3.6	3.2	6.3	9.8	520.4	209.2	40.2	37.8
Landlord	3.5	4.5	1.5	1.7	3.3	10.1	616.0	219.9	35.7	33.9
ES Piccard	7.6	5.6	1.1	1.4	3.3	9.4	663.5	235.4	35.4	34.8
RH17015	3.6	11.6	1.2	1.4	4.7	9.6	626.4	216.5	34.5	34.4
CSM 17121	33.4	5.4	3.5	2.3	4.0	10.0	576.4	227.0	39.4	35.7
Davos	2.3	7.7	1.5	1.5	4.0	9.5	610.5	219.9	36.0	34.9
Farmunox	5.8	4.4	5.5	3.0	3.7	9.3	522.1	207.4	39.9	35.4
SB0747	1.0	3.9	7.3	0.5	3.7	10.1	505.6	201.8	40.4	35.6
SB1186	7.3	4.4	1.1	1.8	4.7	9.7	625.7	219.8	35.1	32.0
SY Calo	0.0	7.7	2.7	0.9	4.0	9.6	618.1	218.7	35.4	32.7
KWS Dorico	7.8	2.9	2.3	3.0	4.3	10.2	610.0	219.7	36.2	33.3
KXB8111	1.5	4.2	3.8	1.5	4.0	10.0	559.7	221.8	39.7	36.4
LG 30222	1.5	1.2	1.8	1.0	4.3	9.7	580.8	214.6	37.1	35.2
DKC 2978	4.5	7.0	1.8	3.5	5.0	9.7	551.5	206.2	37.4	35.1
Kaprilias	6.8	3.2	2.4	1.6	3.7	9.9	574.1	214.3	37.3	35.6
KWS Colonnada	3.4	6.8	5.3	3.2	2.7	10.3	525.4	209.9	40.2	36.5
Hulk	13.5	3.1	1.2	2.4	3.3	9.3	718.5	229.3	31.8	30.0
SY Pandoras	0.0	2.0	1.1	0.3	3.0	10.0	665.8	227.2	34.1	31.3
DKC 2684	10.1	11.7	1.8	1.8	3.3	9.7	589.2	221.6	37.6	36.2
Bezugsgrösse(n)	10.0	6.1	1.7	2.6	4.0	10.1	583.6	225.6	38.7	36.4
Versuchs-Mittel	7.2	5.2	2.5	2.0	4.0	9.8	588.0	218.4	37.3	34.9
VK [%]	75.9	87.4	34.2	89.9	21.0	5.4	6.6	6.1	3.6	3.3
KGD (5%)	8.9	2.7	1.0		1.4	0.3	23.7	8.1	0.8	1.9
KGD (1%)	11.8	3.6	1.3		1.8	0.4	31.2	10.7	1.1	2.5
Versuchs-Streuung	5.4	4.5	0.8	1.8	0.8	0.5	39.0	13.3	1.3	1.1
FG Fehlerterm	58.0	406.0	116.0	116.0	58.0	406.0	406.0	406.0	406.0	56.0
Anz. Beob.	3.0	21.0	6.0	6.0	3.0	21.0	21.0	21.0	21.0	3.0
Anz. Orte	1.0	7.0	2.0	2.0	1.0	7.0	7.0	7.0	7.0	1.0
Minimum	0.0	1.2	1.1	0.3	2.7	9.3	505.6	201.8	31.8	30.0
Maximum	33.4	11.7	7.3	3.5	6.3	10.3	718.5	235.4	40.4	37.8

Sorten Bezeichnung	VOS-	Stärke-	VOS	Stärke	Rohfaser	NDF	Rohprot.	NEL	NEV
	Ertrag	Ertrag	Gehalt	Gehalt	Gehalt	Gehalt	Gehalt	Gehalt	Gehalt
	dt/ha	dt/ha	NIR	NIR	NIR	NIR	NIR	MJ/kg	MJ/kg
			g/kg TS	g/kg TS	g/kg TS	g/kg TS	g/kg TS	TS	TS
SY Amboss	148.5	78.6	695.7	366.7	154.7	361.9	64.3	6.3	6.4
LG 31211	151.5	80.0	702.1	368.9	151.5	350.7	63.3	6.4	6.5
Spyci CS	148.8	81.5	710.5	387.1	143.7	332.5	65.2	6.5	6.6
Karibous	150.2	83.9	721.4	401.7	141.0	329.6	64.3	6.6	6.8
Amanova	160.6	87.1	714.9	387.3	142.1	332.1	65.2	6.5	6.7
LG 31205	162.9	90.3	720.8	397.9	143.7	338.6	64.5	6.6	6.8
ES2821	151.7	79.0	697.8	362.1	155.2	357.2	64.5	6.3	6.5
LG 31219	161.3	88.1	721.8	392.5	144.1	335.8	66.6	6.6	6.8
LG 31207	163.8	89.8	710.9	389.0	145.5	338.8	63.0	6.5	6.6
KWS Damario	162.0	87.8	719.1	389.4	142.5	332.5	63.4	6.6	6.8
KWS Papageno	154.8	85.6	721.8	398.1	135.5	314.8	66.1	6.6	6.8
Amaizi CS	146.7	77.5	702.2	368.9	150.6	348.0	64.6	6.4	6.5
Landlord	155.0	81.9	705.2	372.0	153.2	348.2	66.9	6.4	6.6
ES Piccard	164.5	84.9	699.6	360.2	157.2	357.6	68.2	6.3	6.5
RH17015	148.1	70.3	684.9	324.0	163.7	376.4	67.1	6.2	6.3
CSM 17121	157.4	83.9	694.7	369.8	153.4	361.9	60.9	6.3	6.4
Davos	157.2	85.6	715.0	388.0	146.4	334.0	66.6	6.5	6.7
Farmunox	147.1	81.4	709.5	391.8	145.6	343.9	62.0	6.4	6.6
SB0747	141.8	79.1	703.7	391.3	145.0	345.2	62.0	6.4	6.6
SB1186	160.2	87.0	729.7	394.5	139.6	331.1	66.0	6.7	6.9
SY Calo	153.9	85.3	705.2	389.5	148.7	344.5	64.9	6.4	6.6
KWS Dorico	162.4	90.2	740.6	410.9	140.0	320.4	65.1	6.8	7.1
KXB8111	155.0	87.0	700.8	392.8	147.0	341.3	63.0	6.3	6.5
LG 30222	151.5	82.2	707.4	383.3	147.8	349.0	66.7	6.4	6.6
DKC 2978	148.0	80.8	718.9	391.0	148.5	335.7	64.8	6.5	6.8
Kaprilias	154.1	84.1	720.3	392.5	143.2	334.5	64.3	6.6	6.8
KWS Colonnada	150.1	83.7	716.7	398.7	136.5	318.6	65.0	6.5	6.7
Hulk	165.3	83.5	721.3	361.7	152.0	344.3	67.5	6.6	6.8
SY Pandoras	160.2	85.9	706.1	377.6	153.5	354.9	67.4	6.4	6.6
DKC 2684	154.2	83.3	696.5	376.7	154.4	362.2	65.2	6.3	6.4
Bezugsgrösse(n)	161.7	88.7	717.9	392.6	142.9	335.4	64.9	6.5	6.7
Versuchs-Mittel	155.0	83.6	710.5	382.5	147.5	342.5	64.9	6.5	6.6
VK [%]	6.9	8.9	2.5	5.6	6.1	5.2	4.6	3.0	3.8
KGD (5%)	6.5	4.5	10.6	13.0	5.4	10.8	1.8	0.1	0.2
KGD (1%)	8.5	6.0	14.0	17.1	7.1	14.2	2.4	0.2	0.2
Versuchs-Streuung	10.7	7.5	17.5	21.4	8.9	17.8	3.0	0.2	0.3
FG Fehlerterm	406.0	406.0	406.0	406.0	406.0	406.0	406.0	406.0	406.0
Anz. Beob.	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
Anz. Orte	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Minimum	141.8	70.3	684.9	324.0	135.5	314.8	60.9	6.2	6.3
Maximum	165.3	90.3	740.6	410.9	163.7	376.4	68.2	6.8	7.1

3.1.6 Details / Détails

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG	8193 Eglisau ZH
SY Amboss	4.4 -----	4.0 -----	5.7 -----	5.7 -----	4.2 -----	3.2 ----
LG 31211	3.3 --	2.3 -	5.0 ----	4.3 --	3.0 ---	2.3 -
Spyci CS	3.8 ----	2.7 --	5.0 ----	5.3 -----	3.5 ----	3.0 ----
Karibous	4.3 -----	4.7 -----	5.0 ----	5.7 -----	3.8 -----	3.3 -----
Amanova	3.8 ----	3.3 ----	4.7 ---	4.3 --	4.0 -----	3.3 -----
LG 31205	3.7 ----	4.0 -----	4.3 --	4.3 --	3.2 ---	3.7 -----
ES2821	4.5 -----	5.0 -----	5.3 -----	5.7 -----	4.5 -----	3.3 -----
LG 31219	4.1 -----	3.7 ----	5.3 -----	5.3 -----	3.3 ----	4.0 -----
LG 31207	3.9 ----	4.3 -----	4.7 ---	5.0 ----	3.2 ---	3.3 -----
KWS Damario	4.0 ----	3.7 ----	5.7 -----	5.3 -----	3.7 ----	3.0 ----
KWS Papageno	3.9 ----	4.3 -----	5.0 ----	5.0 ----	3.0 ---	3.0 ----
Amaizi CS	4.3 -----	4.3 -----	5.7 -----	5.7 -----	3.0 ---	3.0 ----
Landlord	3.9 ----	3.3 ----	5.0 ----	5.0 ----	3.3 ----	3.0 ----
ES Piccard	3.3 --	2.7 --	4.3 --	4.3 --	3.2 ---	2.5 --
RH17015	4.4 -----	4.0 -----	6.0 -----	5.3 -----	4.2 -----	3.7 -----
CSM 17121	3.5 ---	3.0 ---	4.7 ---	4.7 ---	2.8 --	2.7 --
Davos	3.1 -	3.0 ---	4.3 --	4.0 -	2.3 -	2.2 -
Farmunox	3.9 ----	4.0 -----	5.0 ----	4.3 --	3.0 ---	3.3 -----
SB0747	4.4 -----	3.0 ---	5.7 -----	6.0 -----	3.8 -----	4.3 -----
SB1186	3.8 ----	3.7 ----	4.7 ---	5.0 ----	3.3 ----	2.7 --
SY Calo	3.8 ----	3.0 ---	5.0 ----	5.0 ----	3.8 -----	3.0 ----
KWS Dorico	3.4 --	3.0 ---	4.0 -	4.7 ---	3.2 ---	2.7 --
KXB8111	4.1 -----	3.7 ----	5.3 -----	5.7 -----	3.3 ----	3.7 -----
LG 30222	3.6 ----	3.0 ---	5.0 ----	5.0 ----	3.3 ----	2.3 -
DKC 2978	4.2 -----	4.3 -----	5.0 ----	5.3 -----	4.3 -----	3.3 -----
Kaprilias	4.1 -----	3.3 ----	5.0 ----	5.3 -----	4.7 -----	3.5 -----
KWS Colonnada	3.8 ----	3.3 ----	5.0 ----	5.3 -----	3.0 ---	3.3 -----
Hulk	3.8 ----	4.0 -----	5.0 ----	5.0 ----	3.2 ---	2.7 --
SY Pandoras	4.2 -----	4.3 -----	5.0 ----	5.7 -----	4.0 -----	3.3 -----
DKC 2684	4.1 -----	4.0 -----	5.3 -----	5.3 -----	3.5 ----	3.0 ----
-Bezugsgrösse(n)	3.8 ----	3.7 ----	4.5 ---	4.3 --	3.6 ----	3.5 -----
Versuchs-Mittel	3.9 ----	3.6 ----	5.0 ----	5.1 ----	3.5 ----	3.1 ----
VK [%]	17.3	25.9	8.3	9.7	27.1	16.5
KGD (5%)	0.4	ns	0.7	0.8	ns	0.8
KGD (1%)	0.6	ns	0.9	1.1	ns	1.1
Versuchs-Streuung	0.7	0.9	0.4	0.5	0.9	0.5
FG Fehlerterm	348.0	58.0	58.0	58.0	58.0	58.0
			0	0		
Anz. Beob.	18.0	3.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	67.9	29	5.15 ***	1.50	0.0000
Anbauorte	375.0	5	164.74 ***	2.24	0.0000
WW Verf.*Anb.Orte	68.1	145	1.03 ns	1.25	
Fehler	158.4	348			
Insgesamt	669.5	527			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8566	
	Ellighausen TG	
SY Amboss	3.7	-----
LG 31211	2.7	-
Spyci CS	3.0	---
Karibous	3.3	-----
Amanova	3.0	---
LG 31205	2.8	--
ES2821	3.0	---
LG 31219	3.2	-----
LG 31207	2.7	-
KWS Damario	2.8	--
KWS Papageno	3.3	-----
Amaizi CS	4.0	-----
Landlord	3.7	-----
ES Piccard	3.0	---
RH17015	3.3	-----
CSM 17121	3.0	---
Davos	2.7	-
Farmunox	3.7	-----
SB0747	3.3	-----
SB1186	3.3	-----
SY Calo	2.8	--
KWS Dorico	2.7	-
KXB8111	3.0	---
LG 30222	3.0	---
DKC 2978	3.0	---
Kaprilias	2.7	-
KWS Colonnada	3.0	---
Hulk	3.0	---
SY Pandoras	2.8	--
DKC 2684	3.3	-----
-Bezugsgrösse(n)	2.9	--
Versuchs-Mittel	3.1	---
VK [%]	16.8	
KGD (5%)	ns	
KGD (1%)	ns	
Versuchs-Streuung	0.5	
FG Fehlerterm	58.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz	8193 Eglisau ZH	8566 Ellighausen
SY Amboss	69.8 -----	71.3 -----	72.7 ----	70.3 -----	71.7 -----	63.0 -----
LG 31211	67.5 -	68.7 -	70.7 -	69.0 -	69.0 ---	60.3 ---
Spyci CS	67.6 -	70.0 ---	71.0 -	69.3 --	68.0 -	59.7 --
Karibous	68.0 --	69.0 -	70.7 -	70.0 ---	69.0 ---	61.3 ---
Amanova	68.3 ---	71.0 -----	71.7 --	70.7 -----	68.3 -	60.0 --
LG 31205	67.5 -	68.7 -	71.3 --	69.0 -	68.3 -	60.3 ---
ES2821	69.3 -----	70.7 ----	72.7 ----	70.0 ----	71.0 -----	62.3 -----
LG 31219	68.0 --	70.0 ---	71.7 --	69.7 ---	69.0 ---	59.7 --
LG 31207	67.3 -	69.0 -	71.0 -	69.3 --	68.0 -	59.0 -
KWS Damario	68.3 ---	70.7 ----	71.3 --	70.3 ----	68.3 -	60.7 ---
KWS Papageno	68.1 --	70.0 ---	71.3 --	70.0 ----	68.7 --	60.3 ---
Amaizi CS	67.9 --	70.7 ----	71.7 --	69.3 --	68.3 -	59.3 -
Landlord	69.3 -----	71.3 -----	71.7 --	70.3 ----	70.3 -----	62.7 -----
ES Piccard	68.5 ---	71.3 -----	71.3 --	70.0 ---	69.0 ---	61.0 ---
RH17015	70.6 -----	73.3 -----	73.7 -----	71.0 -----	71.3 -----	63.7 -----
CSM 17121	68.5 ---	69.3 --	71.3 --	70.0 ----	69.7 ----	62.0 ----
Davos	68.4 ---	71.0 -----	71.0 -	70.0 ----	68.7 --	61.3 ----
Farmunox	68.3 ---	70.3 ---	71.0 -	69.3 --	70.0 ----	61.0 ----
SB0747	68.8 ----	70.7 ----	72.3 ---	70.0 ----	69.7 ----	61.3 ----
SB1186	68.7 ----	70.0 ---	72.3 ---	70.0 ----	69.3 ----	62.0 ----
SY Calo	69.0 ----	71.0 -----	71.0 -	70.3 ----	70.7 -----	62.0 ----
KWS Dorico	68.9 ----	71.0 -----	72.0 ---	71.0 -----	69.0 ---	61.3 ----
KXB8111	68.9 ----	70.7 ----	71.3 --	70.7 -----	70.0 ----	62.0 ----
LG 30222	67.9 --	70.0 ---	70.7 -	69.0 -	68.7 --	61.0 ----
DKC 2978	69.0 ----	71.0 -----	72.0 ---	70.3 ----	69.7 ----	62.0 ----
Kaprilias	68.5 ---	71.3 -----	71.7 --	70.0 ----	69.0 ---	60.7 ---
KWS Colonnada	68.3 ---	71.0 -----	71.0 -	70.0 ----	69.7 ----	60.0 --
Hulk	70.9 -----	71.7 -----	75.3 -----	71.3 -----	71.7 -----	64.3 -----
SY Pandoras	70.1 -----	72.7 -----	73.3 -----	70.0 ----	71.0 -----	63.7 -----
DKC 2684	68.8 ----	71.0 -----	71.3 --	70.3 ----	69.3 ----	62.0 ----
Bezugsgrößen	67.9 --	69.8 ---	71.5 --	69.8 ---	68.3 -	60.2 --
Versuchsmittel	68.6 ----	70.6 ----	71.7 --	70.0 ----	69.5 ----	61.3 ----
VK [%]	1.1	1.3	1.2	0.6	1.1	1.1
KGD (5%)	0.5	1.5	1.4	0.6	1.3	1.1
KGD (1%)	0.7	2.0	1.8	0.9	1.7	1.5
Versuchs- Streuung	0.7	0.9	0.8	0.4	0.8	0.7
FG Fehlerterm	290.0	58.0	58.0	58.0	58.0	58.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	330.0	29	20.67 ***	1.51	0.0000
Anbauorte	6250.8	4	2839.51 ***	2.40	0.0000
WW Verf.*Anb.Orte	139.4	116	2.18 ***	1.28	0.0003
Fehler	159.6	290			
Insgesamt	6879.8	439			

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

Verfahren	Seriemittel	3065 Habstetten	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
SY Amboss	68.4 ----	72.7 ----	69.0 --	69.7 ----	62.3 ----
LG 31211	66.8 -	70.7 -	68.3 -	68.3 --	60.0 -
Spyci CS	66.9 -	71.0 -	68.7 -	67.7 -	60.3 --
Karibous	67.6 --	70.7 -	69.3 ---	69.0 ----	61.3 ----
Amanova	67.6 --	71.7 --	69.7 ----	68.3 --	60.7 --
LG 31205	67.3 --	71.3 --	69.0 --	68.3 --	60.3 --
ES2821	68.8 ----	72.7 ----	69.7 ----	70.0 ----	63.0 ----
LG 31219	67.3 --	71.7 --	68.7 -	69.0 ----	59.7 -
LG 31207	67.0 -	71.0 -	69.0 --	68.3 --	59.7 -
KWS Damario	68.0 ---	71.3 --	69.7 ----	69.0 ----	62.0 ----
KWS Papageno	67.5 --	71.3 --	69.3 ---	68.7 ---	60.7 --
Amaizi CS	67.1 -	71.7 --	69.0 --	68.0 -	59.7 -
Landlord	68.0 ---	71.7 --	69.3 ---	69.0 ----	62.0 ----
ES Piccard	67.8 ---	71.3 --	69.7 ----	69.0 ----	61.3 ---
RH17015	68.8 ----	73.7 ----	70.0 ----	69.3 ----	62.0 ----
CSM 17121	67.6 --	71.3 --	69.0 --	69.0 ----	61.0 ---
Davos	67.1 -	71.0 -	69.0 --	68.3 --	60.0 -
Farmunox	67.6 --	71.0 -	69.0 --	69.0 ----	61.3 ----
SB0747	68.2 ----	72.3 ---	69.3 ---	69.3 ----	61.7 ----
SB1186	67.9 ---	72.3 ---	69.0 --	68.7 ---	61.7 ----
SY Calo	68.2 ----	71.0 -	69.7 ----	70.0 ----	62.0 ----
KWS Dorico	68.1 ---	72.0 ---	70.0 ----	68.7 ---	61.7 ----
KXB8111	68.1 ---	71.3 --	70.0 ----	69.0 ----	62.0 ----
LG 30222	67.1 -	70.7 -	68.3 -	68.3 --	61.0 ---
DKC 2978	68.1 ---	72.0 ---	69.3 ---	69.0 ----	62.0 ----
Kaprilias	67.6 --	71.7 --	69.3 ---	68.7 ---	60.7 --
KWS Colonnada	67.5 --	71.0 -	69.7 ----	69.0 ----	60.3 --
Hulk	70.4 ----	75.3 ----	71.3 ----	71.0 ----	64.0 ----
SY Pandoras	69.0 ----	73.3 ----	69.0 --	70.0 ----	63.7 ----
DKC 2684	68.1 ---	71.3 --	69.7 ----	69.0 ----	62.3 ----
-Bezugsgrösse(n)	67.4 --	71.5 --	69.3 ---	68.3 --	60.5 --
Versuchs-Mittel	67.8 ---	71.7 --	69.3 ---	69.0 ----	61.3 ----
VK [%]	1.0	1.2	0.9	0.9	1.1
KGD (5%)	0.6	1.4	1.0	1.1	1.1
KGD (1%)	0.7	1.8	1.3	1.4	1.4
Versuchs-Streuung	0.7	0.8	0.6	0.6	0.7
FG Fehlerterm	232.0	58.0	58.0	58.0	58.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	194.2	29	13.91	***	1.52	0.0000
Anbauorte	5474.2	3	3790.35	***	2.64	0.0000
WW Verf.*Anb.Orte	75.5	87	1.80	ns	1.33	
Fehler	111.7	232				
Insgesamt	5855.7	351				

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
SY Amboss	254.2 ----	235.0 ---	248.3 ----	283.3 -----	250.0 ----
LG 31211	253.8 ----	258.3 -----	243.3 ----	266.7 ----	246.7 ----
Spyci CS	242.5 ---	241.7 ---	241.7 ---	256.7 ---	230.0 --
Karibous	240.4 ---	230.0 --	238.3 ---	263.3 ----	230.0 --
Amanova	256.3 -----	250.0 -----	250.0 -----	271.7 -----	253.3 -----
LG 31205	268.8 -----	266.7 -----	265.0 -----	290.0 -----	253.3 -----
ES2821	262.9 -----	265.0 -----	253.3 ----	280.0 -----	253.3 ----
LG 31219	267.9 -----	251.7 ----	263.3 ----	290.0 -----	266.7 -----
LG 31207	273.3 -----	260.0 ----	273.3 -----	290.0 -----	270.0 -----
KWS Damario	248.8 ----	240.0 ----	238.3 ---	270.0 ----	246.7 ----
KWS Papageno	248.3 ----	233.3 ---	251.7 ----	271.7 ----	236.7 ---
Amaizi CS	228.3 -	220.0 -	220.0 -	246.7 ---	226.7 -
Landlord	260.4 -----	250.0 ----	255.0 ----	283.3 ----	253.3 ----
ES Piccard	280.4 -----	276.7 -----	285.0 -----	293.3 -----	266.7 -----
RH17015	263.8 -----	260.0 ----	260.0 ----	275.0 ----	260.0 ----
CSM 17121	253.3 ----	246.7 ----	255.0 ----	261.7 ----	250.0 ----
Davos	254.2 ----	258.3 -----	251.7 ----	263.3 ----	243.3 ----
Farmunox	234.6 --	218.3 -	231.7 --	261.7 ----	226.7 -
SB0747	222.5 -	218.3 -	216.7 -	231.7 -	223.3 -
SB1186	245.8 ----	240.0 ----	243.3 ----	256.7 ----	243.3 ----
SY Calo	234.2 --	228.3 --	228.3 --	256.7 ----	223.3 -
KWS Dorico	258.8 -----	248.3 ----	256.7 ----	283.3 -----	246.7 ----
KXB8111	251.7 ----	238.3 ---	258.3 ----	260.0 ----	250.0 ----
LG 30222	238.8 ---	238.3 ---	241.7 ---	248.3 ---	226.7 -
DKC 2978	250.0 ----	233.3 ---	248.3 ----	271.7 ----	246.7 ----
Kaprilias	246.7 ----	245.0 ----	241.7 ----	266.7 ----	233.3 --
KWS Colonnada	236.7 ---	226.7 --	230.0 --	263.3 ----	226.7 -
Hulk	266.3 -----	261.7 -----	256.7 ----	276.7 ----	270.0 -----
SY Pandoras	262.5 -----	250.0 ----	268.3 -----	271.7 ----	260.0 ----
DKC 2684	255.4 ----	245.0 ----	246.7 ----	270.0 ----	260.0 ----
-Bezugsgrösse(n)	262.5 -----	258.3 -----	257.5 -----	280.8 -----	253.3 -----
Versuchs-Mittel	252.0 ----	244.5 ----	248.7 ----	269.2 ----	245.8 ----
VK [%]	4.1	3.9	5.3	3.4	3.7
KGD (5%)	8.4	15.7	21.7	15.1	14.9
KGD (1%)	11.1	20.9	28.9	20.1	19.8
Versuchs-Streuung	10.5	9.6	13.3	9.2	9.1
FG Fehlerterm	232.0	58.0	58.0	58.0	58.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	63705.6	29	20.10 ***	1.52	0.0000
Anbauorte	36035.8	3	109.89 ***	2.64	0.0000
WW Verf.*Anb.Orte	11533.0	87	1.21 ns	1.33	
Fehler	25358.9	232			
Insgesamt	136633.3	351			

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

Verfahren	Seriemittel		1725 Grangeneuve		3065 Habstetten		8046 Reckenholz ZH		8566 Ellighausen TG	
SY Amboss	123.3	-----	123.3	-----	118.3	-----	123.3	-----	128.3	-----
LG 31211	117.5	-----	126.7	-----	100.0	-	118.3	-----	125.0	-----
Spyci CS	99.2	-	115.0	----	101.7	-	70.3	-	110.0	---
Karibous	117.5	----	121.7	----	121.7	----	111.7	----	115.0	----
Amanova	116.7	----	125.0	-----	118.3	----	106.7	----	116.7	----
LG 31205	124.2	-----	126.7	-----	115.0	----	126.7	-----	128.3	-----
ES2821	124.6	-----	126.7	-----	121.7	-----	121.7	-----	128.3	-----
LG 31219	122.5	-----	135.0	-----	111.7	----	120.0	-----	123.3	-----
LG 31207	127.5	-----	126.7	-----	131.7	-----	125.0	-----	126.7	-----
KWS Damario	119.2	-----	116.7	----	110.0	----	123.3	-----	126.7	-----
KWS Papageno	110.5	---	118.3	-----	120.0	-----	82.0	--	121.7	-----
Amaizi CS	106.7	--	133.3	-----	98.3	-	96.7	----	98.3	-
Landlord	123.8	-----	133.3	-----	123.3	-----	115.0	-----	123.3	-----
ES Piccard	125.4	-----	125.0	-----	126.7	-----	120.0	-----	130.0	-----
RH17015	117.9	-----	128.3	-----	105.0	--	116.7	-----	121.7	-----
CSM 17121	117.9	-----	118.3	-----	120.0	-----	110.0	-----	123.3	-----
Davos	116.7	-----	138.3	-----	106.7	--	98.3	----	123.3	-----
Farmunox	109.2	---	98.3	-	113.3	----	110.0	-----	115.0	----
SB0747	107.5	---	110.0	----	110.0	----	98.3	----	111.7	----
SB1186	119.6	-----	123.3	-----	125.0	-----	108.3	-----	121.7	-----
SY Calo	112.5	----	110.0	----	116.7	-----	110.0	-----	113.3	----
KWS Dorico	124.6	-----	123.3	-----	118.3	-----	126.7	-----	130.0	-----
KXB8111	129.2	-----	116.7	----	135.0	-----	126.7	-----	138.3	-----
LG 30222	114.2	----	116.7	----	116.7	----	108.3	----	115.0	----
DKC 2978	115.8	-----	111.7	----	118.3	-----	111.7	-----	121.7	-----
Kaprilias	114.6	----	116.7	----	115.0	----	110.0	-----	116.7	----
KWS Colonnada	116.3	-----	115.0	----	111.7	----	116.7	-----	121.7	-----
Hulk	132.5	-----	135.0	-----	123.3	-----	135.0	-----	136.7	-----
SY Pandoras	122.1	-----	126.7	-----	121.7	-----	113.3	-----	126.7	-----
DKC 2684	119.9	-----	119.7	-----	118.3	-----	113.3	-----	128.3	-----
-Bezugsgrösse(n)	120.4	-----	125.8	-----	116.7	-----	116.7	-----	122.5	-----
Versuchs-Mittel	118.3	-----	122.0	-----	116.4	-----	112.5	-----	122.2	-----
VK [%]	10.9		11.6		9.1		16.1		4.3	
KGD (5%)	10.4		ns		17.4		ns		8.6	
KGD (1%)	13.7		ns		ns		ns		11.5	
Versuchs-Streuung	12.9		14.2		10.6		18.1		5.3	
FG Fehlerterm	232.0		58.0		58.0		58.0		58.0	
Anz. Beob.	12.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	18018.9	29	3.71	***	1.52	0.0001
Anbauorte	6020.0	3	11.98	***	2.64	0.0000
WW Verf.*Anb.Orte	16672.8	87	1.14	ns	1.33	
Fehler	38846.2	232				
Insgesamt	79557.9	351				

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

Verfahren	Seriemittel	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
SY Amboss	48.7 -----	52.5 ----	47.6 -----	43.5 -----	51.3 -----
LG 31211	46.3 ----	49.0 ---	41.0 -	44.4 -----	50.7 ----
Spyci CS	41.4 -	47.6 --	42.2 --	27.8 -	47.9 ---
Karibous	49.1 -----	53.0 -----	51.1 -----	42.5 -----	50.1 ----
Amanova	45.7 ----	50.0 ---	47.4 -----	39.2 ----	46.1 --
LG 31205	46.3 -----	47.5 --	43.5 ---	43.7 -----	50.7 -----
ES2821	47.5 ----	47.7 --	47.9 -----	43.5 -----	50.7 ----
LG 31219	45.9 ----	53.6 -----	42.4 --	41.4 -----	46.3 ---
LG 31207	46.7 ----	48.7 ---	48.2 -----	43.1 -----	46.9 ---
KWS Damario	48.0 -----	48.7 ---	46.2 ----	45.7 -----	51.4 -----
KWS Papageno	44.9 ---	50.8 ----	47.7 -----	29.8 -	51.5 -----
Amaizi CS	46.8 ----	60.0 -----	44.6 ---	39.1 ----	43.4 -
Landlord	47.7 -----	53.3 -----	48.3 -----	40.6 ----	48.7 ---
ES Piccard	44.8 ---	45.2 -	44.5 ---	41.0 -----	48.7 ---
RH17015	44.8 ---	49.4 ---	40.4 -	42.5 -----	46.8 ---
CSM 17121	46.6 -----	47.9 --	47.1 -----	42.1 -----	49.3 -----
Davos	46.2 ----	54.0 -----	42.6 --	37.4 ----	50.7 ----
Farmunox	46.7 ----	45.1 -	48.9 -----	42.0 -----	50.9 -----
SB0747	48.4 -----	50.4 ---	50.7 -----	42.5 -----	50.0 ----
SB1186	48.7 -----	51.4 ----	51.1 -----	42.3 -----	50.0 ----
SY Calo	48.2 -----	48.2 --	51.1 -----	42.9 -----	50.8 -----
KWS Dorico	48.3 -----	49.7 ---	46.1 ----	44.7 -----	52.7 -----
KXB8111	51.4 -----	48.9 ---	52.5 -----	48.8 -----	55.3 -----
LG 30222	47.9 -----	48.8 ---	48.3 -----	43.7 -----	50.8 -----
DKC 2978	46.5 ----	47.9 --	47.7 -----	41.1 -----	49.3 ----
Kaprilias	46.6 ----	47.6 --	47.7 -----	41.2 -----	50.0 ----
KWS Colonnada	49.3 -----	50.8 ----	48.6 -----	44.3 -----	53.7 -----
Hulk	49.8 -----	51.6 ----	48.1 -----	48.8 -----	50.6 ----
SY Pandoras	46.6 ----	50.7 ----	45.4 ----	41.9 -----	48.7 ----
DKC 2684	47.1 ----	48.9 ---	48.1 -----	42.0 -----	49.4 ----
-Bezugsgrösse(n)	46.0 ----	48.7 ---	45.4 ----	41.5 -----	48.4 ----
Versuchs-Mittel	47.1 -----	50.0 ---	46.9 -----	41.8 -----	49.8 ----
VK [%]	10.6	11.5	8.3	16.4	4.6
KGD (5%)	4.0	ns	6.4	ns	3.7
KGD (1%)	ns	ns	ns	ns	5.0
Versuchs-Streuung	5.0	5.8	3.9	6.8	2.3
FG Fehlerterm	232.0	58.0	58.0	58.0	58.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1212.7	29	1.67 *	1.52	0.0211
Anbauorte	3936.6	3	52.38 ***	2.64	0.0000
WW Verf.*Anb.Orte	2455.8	87	1.13 ns	1.33	
Fehler	5811.5	232			
Insgesamt	13416.6	351			

Verse en végétation [note] / Wurzellagerung Vegetation [Note]

Verfahren	Seriemittel	1567 Delley FR
SY Amboss	1.0 -	1.0 -
LG 31211	2.0 ---	2.0 ---
Spyci CS	1.3 -	1.3 -
Karibous	1.0 -	1.0 -
Amanova	1.0 -	1.0 -
LG 31205	1.0 -	1.0 -
ES2821	2.3 ----	2.3 ----
LG 31219	1.3 -	1.3 -
LG 31207	1.0 -	1.0 -
KWS Damario	1.3 -	1.3 -
KWS Papageno	1.3 -	1.3 -
Amaizi CS	4.7 -----	4.7 -----
Landlord	1.3 -	1.3 -
ES Piccard	1.3 -	1.3 -
RH17015	1.0 -	1.0 -
CSM 17121	2.7 ----	2.7 ----
Davos	1.7 --	1.7 --
Farmunox	1.0 -	1.0 -
SB0747	1.0 -	1.0 -
SB1186	2.0 ---	2.0 ---
SY Calo	1.0 -	1.0 -
KWS Dorico	1.0 -	1.0 -
KXB8111	1.0 -	1.0 -
LG 30222	1.7 --	1.7 --
DKC 2978	1.7 --	1.7 --
Kaprilias	1.0 -	1.0 -
KWS Colonnada	1.0 -	1.0 -
Hulk	2.3 ----	2.3 ----
SY Pandoras	1.0 -	1.0 -
DKC 2684	1.0 -	1.0 -
-Bezugsgrösse(n)	1.0 -	1.0 -
Versuchs-Mittel	1.5 --	1.5 --
VK [%]	40.1	40.1
KGD (5%)	1.0	1.0
KGD (1%)	1.3	1.3
Versuchs-Streuung	0.6	0.6
FG Fehlerterm	58.0	58.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	5643 Alikon AG
SY Amboss	0.0 -	0.0 -	0.0 -
LG 31211	7.8 ---	12.5 ---	3.2 ---
Spyci CS	2.1 -	4.2 -	0.0 -
Karibous	0.7 -	0.0 -	1.5 --
Amanova	1.5 -	0.0 -	3.0 --
LG 31205	0.7 -	0.0 -	1.5 -
ES2821	10.2 ---	16.7 ---	3.6 ---
LG 31219	2.1 -	4.2 -	0.0 -
LG 31207	2.0 -	0.0 -	3.9 ---
KWS Damario	2.1 -	4.2 -	0.0 -
KWS Papageno	2.8 -	4.2 -	1.5 --
Amaizi CS	25.2 -----	45.8 -----	4.5 ---
Landlord	5.4 --	4.2 -	6.7 ----
ES Piccard	2.1 -	4.2 -	0.0 -
RH17015	0.8 -	0.0 -	1.6 --
CSM 17121	16.9 -----	20.8 ----	13.0 -----
Davos	4.4 --	8.3 --	0.5 -
Farmunox	0.8 -	0.0 -	1.6 --
SB0747	0.0 -	0.0 -	0.0 -
SB1186	8.0 ---	12.5 ---	3.5 ---
SY Calo	0.0 -	0.0 -	0.0 -
KWS Dorico	1.9 -	0.0 -	3.7 ---
KXB8111	0.3 -	0.0 -	0.5 -
LG 30222	4.9 --	8.3 --	1.6 --
DKC 2978	4.9 --	8.3 --	1.5 --
Kaprilias	1.2 -	0.0 -	2.4 --
KWS Colonnada	1.0 -	0.0 -	2.0 --
Hulk	8.3 ---	16.7 ----	0.0 -
SY Pandoras	0.8 -	0.0 -	1.5 --
DKC 2684	1.0 -	0.0 -	2.0 --
-Bezugsgrösse(n)	1.1 -	0.0 -	2.2 --
Versuchs-Mittel	4.0 --	5.8 --	2.2 --
VK [%]	146.9	126.0	178.6
KGD (5%)	6.7	12.0	ns
KGD (1%)	8.9	16.0	ns
Versuchs-Streuung	5.9	7.4	3.9
FG Fehlerterm	116.0	58.0	58.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	5271.3	29	5.27 ***	1.57	0.0000
Anbauorte	607.4	1	17.62 ***	3.92	0.0001
WW Verf.*Anb.Orte	3417.3	29	3.42 ***	1.57	0.0001
Fehler	3998.0	116			
Insgesamt	13294.0	175			

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

Verfahren	Seriemittel		5643 Alikon AG	
SY Amboss	3.0	-	3.0	-
LG 31211	13.1	----	13.1	----
Spyci CS	1.6	-	1.6	-
Karibous	8.4	---	8.4	---
Amanova	9.0	---	9.0	---
LG 31205	11.1	---	11.1	---
ES2821	6.3	--	6.3	--
LG 31219	6.7	--	6.7	--
LG 31207	9.7	---	9.7	---
KWS Damario	4.9	--	4.9	--
KWS Papageno	8.4	---	8.4	---
Amaizi CS	18.6	-----	18.6	-----
Landlord	3.5	-	3.5	-
ES Piccard	7.6	--	7.6	--
RH17015	3.6	-	3.6	-
CSM 17121	33.4	-----	33.4	-----
Davos	2.3	-	2.3	-
Farmunox	5.8	--	5.8	--
SB0747	1.0	-	1.0	-
SB1186	7.3	--	7.3	--
SY Calo	0.0	-	0.0	-
KWS Dorico	7.8	--	7.8	--
KXB8111	1.5	-	1.5	-
LG 30222	1.5	-	1.5	-
DKC 2978	4.5	--	4.5	--
Kaprilias	6.8	--	6.8	--
KWS Colonnada	3.4	-	3.4	-
Hulk	13.5	----	13.5	----
SY Pandoras	0.0	-	0.0	-
DKC 2684	10.1	---	10.1	---
-Bezugsgrösse(n)	10.0	---	10.0	---
Versuchs-Mittel	7.2	--	7.2	--
VK [%]	75.9		75.9	
KGD (5%)	8.9		8.9	
KGD (1%)	11.8		11.8	
Versuchs-Streuung	5.4		5.4	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

Charbon [note] / Beulenbrand [Note]

Verfahren	Seriemittel		1567 Delley FR	
SY Amboss	1.0	-	1.0	-
LG 31211	1.7	---	1.7	---
Spyci CS	1.7	---	1.7	---
Karibous	1.7	---	1.7	---
Amanova	1.0	-	1.0	-
LG 31205	1.7	---	1.7	---
ES2821	1.0	-	1.0	-
LG 31219	1.3	--	1.3	--
LG 31207	1.0	-	1.0	-
KWS Damario	1.0	-	1.0	-
KWS Papageno	1.0	-	1.0	-
Amaizi CS	3.0	-----	3.0	-----
Landlord	1.3	--	1.3	--
ES Piccard	1.0	-	1.0	-
RH17015	2.3	-----	2.3	-----
CSM 17121	1.0	-	1.0	-
Davos	1.7	---	1.7	---
Farmunox	1.0	-	1.0	-
SB0747	1.0	-	1.0	-
SB1186	1.3	--	1.3	--
SY Calo	1.7	---	1.7	---
KWS Dorico	1.0	-	1.0	-
KXB8111	1.3	--	1.3	--
LG 30222	1.0	-	1.0	-
DKC 2978	1.3	--	1.3	--
Kaprilias	1.0	-	1.0	-
KWS Colonnada	1.0	-	1.0	-
Hulk	1.3	--	1.3	--
SY Pandoras	1.0	-	1.0	-
DKC 2684	1.7	---	1.7	---
-Bezugsgrösse(n)	1.3	--	1.3	--
Versuchs-Mittel	1.3	--	1.3	--
VK [%]	44.1		44.1	
KGD (5%)	1.0		1.0	
KGD (1%)	ns		ns	
Versuchs-Streuung	0.6		0.6	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	3.0 --	0.0 -	3.0 -	1.2 -	1.0 -
LG 31211	7.3 ----	8.3 ---	24.6 ----	2.5 --	4.2 ---
Spyci CS	3.2 --	8.3 ---	3.4 -	1.3 -	3.9 ---
Karibous	6.2 ---	8.3 ---	19.7 ----	2.2 --	2.4 --
Amanova	4.7 ---	0.0 -	18.1 ----	0.6 -	2.7 ---
LG 31205	7.5 ----	8.3 ---	14.8 ----	4.8 ----	5.2 ----
ES2821	3.3 --	0.0 -	10.0 ---	3.1 ---	2.7 ---
LG 31219	4.3 ---	4.2 --	13.2 ---	1.4 -	2.0 --
LG 31207	3.7 --	0.0 -	14.0 ----	2.0 --	2.3 --
KWS Damario	2.8 --	0.0 -	12.0 ---	1.0 -	0.5 -
KWS Papageno	4.7 ---	0.0 -	16.1 ----	3.3 ---	6.4 ----
Amaizi CS	7.6 ----	25.0 -----	16.5 ----	2.2 --	1.0 -
Landlord	4.5 ---	4.2 --	7.9 --	1.3 -	1.6 --
ES Piccard	5.6 ---	0.0 -	14.0 ---	1.1 -	8.6 ----
RH17015	11.6 -----	16.7 -----	17.5 ----	1.4 -	7.7 ----
CSM 17121	5.4 ---	0.0 -	15.5 ----	2.3 --	3.0 ---
Davos	7.7 ----	8.3 ---	14.4 ----	4.6 ----	5.5 ----
Farmunox	4.4 ---	0.0 -	15.2 ----	3.6 ---	2.2 --
SB0747	3.9 ---	0.0 -	9.4 --	1.6 --	4.1 ----
SB1186	4.4 ---	4.2 --	15.0 ----	1.0 -	4.0 ----
SY Calo	7.7 ----	8.3 ---	15.0 ----	2.7 --	8.4 ----
KWS Dorico	2.9 --	0.0 -	10.2 ---	2.4 --	1.5 --
KXB8111	4.2 ---	4.2 --	11.9 ---	4.8 ----	1.0 -
LG 30222	1.2 -	0.0 -	3.1 -	2.3 --	1.1 -
DKC 2978	7.0 ----	4.2 --	14.7 ----	5.6 ----	8.7 ----
Kapillias	3.2 --	0.0 -	10.2 ---	2.8 --	2.0 --
KWS Colonnada	6.8 ----	0.0 -	20.8 ----	1.9 --	8.8 ----
Hulk	3.1 --	4.2 --	4.6 -	1.4 -	2.5 ---
SY Pandoras	2.0 -	0.0 -	8.7 --	0.3 -	1.6 --
DKC 2684	11.7 -----	8.3 ---	32.0 -----	11.4 -----	5.6 ----
Bezugsgrösse(n)	6.1 ----	4.2 --	16.5 ----	2.7 --	3.9 ----
Versuchs-Mittel	5.2 ----	4.2 --	13.5 ---	2.6 --	3.7 ----
VK [%]	87.4	176.5	38.6	84.0	95.5
KGD (5%)	2.7	12.0	8.5	3.6	ns
KGD (1%)	3.6	ns	11.3	4.7	ns
Versuchs-Streuung	4.5	7.4	5.2	2.2	3.6
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	3875.2	29	6.52 ***	1.50	0.0000
Anbauorte	8948.4	6	72.73 ***	2.12	0.0000
WW Verf.*Anb.Orte	6773.8	174	1.90 ***	1.23	0.0005
Fehler	8325.1	406			
Insgesamt	27922.5	615			

Charbon [%] / Beulenbrand [%]

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
SY Amboss	11.3 -----	2.8 -	1.5 ---
LG 31211	8.3 ----	2.8 -	0.6 -
Spyci CS	4.7 ---	1.0 -	0.0 -
Karibous	7.0 ----	2.4 -	1.1 --
Amanova	9.4 ----	0.9 -	1.0 --
LG 31205	12.0 -----	2.6 -	4.7 -----
ES2821	3.0 --	3.4 --	1.1 --
LG 31219	6.4 ----	1.9 -	0.9 --
LG 31207	5.3 ---	0.9 -	1.4 ---
KWS Damario	4.8 ---	0.0 -	1.0 --
KWS Papageno	4.0 --	2.9 --	0.0 -
Amaizi CS	3.7 --	3.8 --	1.0 --
Landlord	11.1 -----	4.1 --	1.0 --
ES Piccard	7.3 ----	7.7 ----	0.5 -
RH17015	7.8 ----	26.1 -----	4.0 -----
CSM 17121	7.9 ----	6.3 ---	2.5 ----
Davos	13.9 -----	1.9 -	5.4 -----
Farmunox	4.5 ---	4.4 --	1.1 --
SB0747	9.5 -----	2.5 -	0.5 -
SB1186	5.6 ---	1.0 -	0.0 -
SY Calo	13.7 -----	2.9 -	3.0 ----
KWS Dorico	3.9 --	0.5 -	2.0 ----
KXB8111	4.8 ---	1.9 -	1.1 --
LG 30222	0.7 -	1.0 -	0.5 -
DKC 2978	10.0 -----	4.6 --	1.1 --
Kaprilias	3.7 --	2.5 -	1.0 --
KWS Colonnada	12.4 -----	0.9 -	2.5 ----
Hulk	3.8 --	4.0 --	1.6 ---
SY Pandoras	1.3 -	1.9 -	0.0 -
DKC 2684	14.9 -----	5.3 --	4.6 -----
-Bezugsgrösse(n)	10.7 -----	1.7 -	2.9 -----
Versuchs-Mittel	7.2 ----	3.5 --	1.6 ---
VK [%]	69.2	104.7	164.3
KGD (5%)	8.2	6.0	ns
KGD (1%)	ns	7.9	ns
Versuchs-Streuung	5.0	3.7	2.6
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

CFF ? [note] / Blitzfusarien ? [Note]

Verfahren	Seriemittel	5643		8566	
		Alikon AG		Ellighausen TG	
SY Amboss	1.6 -	1.1 -	2.2 --		
LG 31211	1.7 -	1.7 --	1.7 -		
Spyci CS	1.8 --	1.3 -	2.3 --		
Karibous	4.0 ----	2.7 ---	5.3 ----		
Amanova	1.4 -	1.2 -	1.7 -		
LG 31205	2.0 --	1.3 -	2.7 --		
ES2821	1.8 -	1.0 -	2.5 --		
LG 31219	1.5 -	1.0 -	2.0 --		
LG 31207	3.0 ---	2.7 ---	3.3 ---		
KWS Damario	2.7 ---	1.4 -	4.0 ----		
KWS Papageno	2.0 --	1.2 -	2.8 ---		
Amaizi CS	3.6 ----	2.5 ---	4.7 ----		
Landlord	1.5 -	1.1 -	2.0 --		
ES Piccard	1.1 -	1.1 -	1.1 -		
RH17015	1.2 -	1.2 -	1.2 -		
CSM 17121	3.5 ----	3.0 ----	4.0 ----		
Davos	1.5 -	1.3 -	1.7 -		
Farmunox	5.5 ----	4.7 ----	6.3 ----		
SB0747	7.3 ----	6.5 ----	8.0 ----		
SB1186	1.1 -	1.0 -	1.2 -		
SY Calo	2.7 ---	1.3 -	4.0 ----		
KWS Dorico	2.3 --	2.2 --	2.3 --		
KXB8111	3.8 ----	3.0 ----	4.7 ----		
LG 30222	1.8 -	1.3 -	2.2 --		
DKC 2978	1.8 --	2.3 --	1.3 -		
Kaprilias	2.4 --	1.1 -	3.7 ---		
KWS Colonnada	5.3 ----	2.3 ---	8.3 ----		
Hulk	1.2 -	1.0 -	1.3 -		
SY Pandoras	1.1 -	1.0 -	1.2 -		
DKC 2684	1.8 -	1.0 -	2.5 --		
-Bezugsgrösse(n)	1.7 -	1.2 -	2.2 --		
Versuchs-Mittel	2.5 --	1.8 --	3.1 ---		
VK [%]	34.2	46.9	26.6		
KGD (5%)	1.0	1.4	1.3		
KGD (1%)	1.3	1.9	1.8		
Versuchs-Streuung	0.8	0.9	0.8		
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	386.6	29	18.83 ***	1.57	0.0000
Anbauorte	67.3	1	95.13 ***	3.92	0.0000
WW Verf.*Anb.Orte	72.1	29	3.51 ***	1.57	0.0001
Fehler	82.1	116			
Insgesamt	608.1	175			

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

Verfahren	Seriemittel		1725 Grangeneuve		3065 Habstetten	
SY Amboss	2.1	----	1.6	----	2.5	-----
LG 31211	1.6	---	0.7	---	2.5	-----
Spyci CS	1.2	--	1.4	---	1.0	--
Karibous	2.4	-----	1.0	---	3.8	-----
Amanova	2.5	-----	1.9	-----	3.1	-----
LG 31205	2.7	-----	2.3	-----	3.0	-----
ES2821	3.0	-----	2.4	-----	3.7	-----
LG 31219	1.2	---	0.4	--	2.0	---
LG 31207	2.8	-----	2.3	-----	3.2	-----
KWS Damario	3.0	-----	2.6	-----	3.3	-----
KWS Papageno	1.8	---	1.0	---	2.5	-----
Amaizi CS	3.2	-----	2.0	-----	4.4	-----
Landlord	1.7	---	0.3	-	3.0	-----
ES Piccard	1.4	--	0.4	--	2.4	-----
RH17015	1.4	--	1.1	---	1.7	---
CSM 17121	2.3	-----	2.9	-----	1.6	---
Davos	1.5	---	0.4	--	2.6	-----
Farmunox	3.0	-----	1.4	---	4.5	-----
SB0747	0.5	-	0.3	-	0.6	--
SB1186	1.8	---	2.0	-----	1.6	---
SY Calo	0.9	--	0.0	-	1.7	---
KWS Dorico	3.0	-----	1.2	---	4.9	-----
KXB8111	1.5	---	1.0	---	2.0	---
LG 30222	1.0	--	1.4	---	0.7	--
DKC 2978	3.5	-----	2.8	-----	4.2	-----
Kaprilias	1.6	---	0.7	---	2.4	-----
KWS Colonnada	3.2	-----	2.3	-----	4.1	-----
Hulk	2.4	-----	1.9	-----	2.8	-----
SY Pandoras	0.3	-	0.6	--	0.0	-
DKC 2684	1.8	---	1.0	---	2.6	-----
-Bezugsgrösse(n)	2.6	-----	2.1	-----	3.1	-----
Versuchs-Mittel	2.0	----	1.4	----	2.6	-----
VK [%]	89.9		114.2		76.2	
KGD (5%)	ns		ns		ns	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	1.8		1.6		2.0	
FG Fehlerterm	116.0		58.0		58.0	
Anz. Beob.	6.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	129.2	29	1.37	ns	1.57	0.1206
Anbauorte	69.5	1	21.44	***	3.92	0.0000
WW Verf.*Anb.Orte	59.5	29	0.63	ns	1.57	0.9222
Fehler	375.9	116				
Insgesamt	634.1	175				

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
SY Amboss	3.3	--	3.3	--
LG 31211	5.0	-----	5.0	-----
Spyci CS	4.7	-----	4.7	-----
Karibous	3.7	---	3.7	---
Amanova	4.0	----	4.0	----
LG 31205	4.0	----	4.0	----
ES2821	4.7	-----	4.7	-----
LG 31219	4.0	----	4.0	----
LG 31207	2.7	-	2.7	-
KWS Damario	3.3	--	3.3	--
KWS Papageno	5.0	-----	5.0	-----
Amaizi CS	6.3	-----	6.3	-----
Landlord	3.3	--	3.3	--
ES Piccard	3.3	--	3.3	--
RH17015	4.7	-----	4.7	-----
CSM 17121	4.0	----	4.0	----
Davos	4.0	----	4.0	----
Farmunox	3.7	---	3.7	---
SB0747	3.7	---	3.7	---
SB1186	4.7	-----	4.7	-----
SY Calo	4.0	----	4.0	----
KWS Dorico	4.3	-----	4.3	-----
KXB8111	4.0	----	4.0	----
LG 30222	4.3	-----	4.3	-----
DKC 2978	5.0	-----	5.0	-----
Kaprilias	3.7	---	3.7	---
KWS Colonnada	2.7	-	2.7	-
Hulk	3.3	--	3.3	--
SY Pandoras	3.0	-	3.0	-
DKC 2684	3.3	--	3.3	--
-Bezugsgrösse(n)	4.0	----	4.0	----
Versuchs-Mittel	4.0	---	4.0	---
VK [%]	21.0		21.0	
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	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	10.1 -----	8.4 -----	9.9 -----	10.6 -----	10.7 -----
LG 31211	9.8 ----	8.3 -----	9.3 ---	10.4 -----	10.2 -----
Spyci CS	9.6 ---	8.5 -----	9.8 -----	9.8 --	9.4 -
Karibous	10.1 -----	8.5 -----	10.2 -----	10.6 -----	10.6 -----
Amanova	10.0 -----	8.3 -----	10.5 -----	10.5 -----	10.2 ----
LG 31205	10.1 -----	8.5 -----	9.8 -----	11.0 -----	10.5 -----
ES2821	9.9 -----	8.5 -----	9.7 -----	10.9 -----	10.1 ----
LG 31219	9.6 ---	8.3 ----	9.5 ----	9.9 --	10.3 -----
LG 31207	10.1 -----	8.5 -----	10.0 -----	10.2 ----	10.7 -----
KWS Damario	10.0 -----	8.5 -----	10.5 -----	10.2 ----	10.7 -----
KWS Papageno	10.0 -----	8.5 -----	9.6 -----	10.9 -----	10.7 -----
Amaizi CS	9.8 ----	8.5 -----	9.6 -----	10.6 -----	9.8 --
Landlord	10.1 -----	8.5 -----	9.9 -----	10.2 ----	10.7 -----
ES Piccard	9.4 --	8.2 ---	9.1 ---	9.5 -	10.3 -----
RH17015	9.6 ---	8.5 -----	9.4 ----	9.9 --	10.1 ----
CSM 17121	10.0 -----	8.4 -----	10.3 -----	10.2 ----	10.5 -----
Davos	9.5 --	8.5 -----	8.6 -	10.1 ---	10.2 ----
Farmunox	9.3 -	8.4 -----	9.4 ----	10.3 -----	9.6 --
SB0747	10.1 -----	8.5 -----	10.2 -----	10.7 -----	10.6 -----
SB1186	9.7 ----	8.5 -----	8.7 -	10.4 -----	10.4 -----
SY Calo	9.6 ---	8.1 -	9.4 ----	9.9 --	9.6 -
KWS Dorico	10.2 -----	8.5 -----	10.2 -----	11.1 -----	10.4 -----
KXB8111	10.0 -----	8.5 -----	10.0 -----	10.6 -----	10.6 -----
LG 30222	9.7 ----	8.1 -	9.7 ----	10.1 ---	10.0 ----
DKC 2978	9.7 ----	8.3 -----	9.7 -----	10.2 ----	9.8 ---
Kaprilias	9.9 -----	8.5 -----	9.7 -----	10.9 -----	9.6 --
KWS Colonnada	10.3 -----	8.5 -----	10.3 -----	10.6 -----	11.1 -----
Hulk	9.3 -	8.1 -	8.7 -	9.5 -	10.4 -----
SY Pandoras	10.0 -----	8.5 -----	10.1 -----	10.1 ----	10.4 -----
DKC 2684	9.7 ----	8.3 -----	10.3 -----	10.2 ----	10.3 -----
Bezugsgrösse(n)	10.1 -----	8.4 -----	10.1 -----	10.8 -----	10.3 -----
Versuchs-Mittel	9.8 ----	8.4 -----	9.7 ----	10.3 ----	10.3 ----
VK [%]	5.4	2.8	8.9	4.0	5.4
KGD (5%)	0.3	ns	ns	0.7	ns
KGD (1%)	0.4	ns	ns	0.9	ns
Versuchs-Streuung	0.5	0.2	0.9	0.4	0.6
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	45.4	29	5.55 ***	1.50	0.0000
Anbauorte	352.4	6	208.24 ***	2.12	0.0000
WW Verf.*Anb.Orte	54.3	174	1.11 ns	1.23	
Fehler	114.5	406			
Insgesamt	566.7	615			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
SY Amboss	9.3 ----	10.9 ----	10.9 -----
LG 31211	9.2 ----	10.8 ----	10.1 ----
Spyci CS	9.1 ----	10.3 --	10.2 ----
Karibous	10.0 -----	10.7 ----	9.9 ---
Amanova	8.8 ----	11.2 -----	10.6 -----
LG 31205	9.3 ----	11.1 -----	10.7 -----
ES2821	9.4 ----	10.6 ----	10.4 ----
LG 31219	8.7 ----	10.0 -	10.3 ----
LG 31207	9.9 -----	10.8 ----	10.8 ----
KWS Damario	9.6 -----	10.4 ---	10.2 ----
KWS Papageno	8.9 ----	10.6 ----	10.8 -----
Amaizi CS	8.8 ----	11.0 ----	10.2 ----
Landlord	9.7 -----	11.0 ----	10.5 ----
ES Piccard	8.5 ---	10.3 ---	10.0 ---
RH17015	9.1 ----	10.3 --	10.2 ----
CSM 17121	9.2 ----	10.9 ----	10.7 -----
Davos	8.8 ----	10.4 ---	10.1 ----
Farmunox	7.9 -	10.1 -	9.6 --
SB0747	9.6 -----	11.0 ----	10.2 ----
SB1186	8.6 ---	10.7 ----	10.5 -----
SY Calo	9.4 ----	10.7 ----	10.2 ----
KWS Dorico	9.4 ----	11.2 -----	10.8 -----
KXB8111	9.0 ----	11.3 -----	9.9 ---
LG 30222	9.3 ----	10.4 ---	10.2 ----
DKC 2978	9.5 -----	10.5 ----	9.7 --
Kaprilias	9.7 -----	10.3 --	10.7 -----
KWS Colonnada	9.9 -----	11.0 ----	10.7 -----
Hulk	8.7 ----	10.2 --	9.4 -
SY Pandoras	9.2 ----	10.9 ----	10.7 -----
DKC 2684	8.5 ---	10.7 ----	9.8 ---
-Bezugsgrösse(n)	9.0 ----	11.2 -----	10.7 -----
Versuchs-Mittel	9.2 ----	10.7 ----	10.3 ----
VK [%]	5.6	5.1	3.4
KGD (5%)	0.8	ns	0.6
KGD (1%)	1.1	ns	0.8
Versuchs-Streuung	0.5	0.5	0.4
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	557.8 ---	462.2 ---	571.3 ---	594.0 --	529.0 ----
LG 31211	573.9 ---	476.3 ----	599.2 ----	623.8 ---	465.5 --
Spyci CS	551.4 --	457.3 --	593.4 ----	577.0 -	528.2 ----
Karibous	558.7 ---	475.8 ----	603.5 ----	613.9 ---	500.6 ---
Amanova	585.4 ----	475.3 ----	606.8 ----	615.2 ---	558.6 ----
LG 31205	581.9 ---	445.9 --	611.5 ----	646.6 ----	535.8 ----
ES2821	593.4 ----	474.1 ----	545.3 --	610.4 ---	610.8 ----
LG 31219	611.9 ----	482.4 ----	596.2 ----	654.9 ----	542.7 ----
LG 31207	588.0 ----	461.0 ---	614.6 ----	632.7 ----	551.8 ----
KWS Damario	613.5 ----	539.6 ----	626.1 ----	599.3 --	561.7 ----
KWS Papageno	564.3 ---	475.2 ----	531.5 -	664.0 ----	563.1 ----
Amaizi CS	520.4 -	427.7 -	522.1 -	562.6 -	471.9 --
Landlord	616.0 ----	508.7 ----	642.7 ----	626.8 ---	573.8 ----
ES Piccard	663.5 ----	513.0 ----	677.4 ----	686.6 ----	655.8 ----
RH17015	626.4 ----	492.5 ----	622.1 ----	652.7 ----	633.7 ----
CSM 17121	576.4 ---	485.1 ---	562.7 ---	604.1 ---	570.2 ----
Davos	610.5 ----	491.9 ----	631.4 ----	633.0 ---	580.2 ----
Farmunox	522.1 -	464.9 ---	560.7 --	589.4 --	482.5 --
SB0747	505.6 -	463.9 ---	552.8 --	582.9 --	419.1 -
SB1186	625.7 ----	501.6 ----	652.3 ----	662.4 ----	586.7 ----
SY Calo	618.1 ----	501.0 ----	625.1 ----	671.2 ----	591.1 ----
KWS Dorico	610.0 ----	484.9 ---	610.8 ----	717.4 ----	558.7 ---
KXB8111	559.7 ---	469.9 ---	531.8 -	604.3 ---	518.0 ---
LG 30222	580.8 --	492.4 ----	623.6 ----	648.1 ----	547.7 ---
DKC 2978	551.5 --	439.6 -	556.7 --	593.7 --	492.2 ---
Kaprilias	574.1 ---	462.3 ---	611.0 ----	605.4 ---	544.9 ---
KWS Colonnada	525.4 -	442.5 --	544.6 --	572.5 -	489.5 ---
Hulk	718.5 ----	511.0 ----	666.0 ----	704.7 ----	713.1 ----
SY Pandoras	665.8 ----	553.1 ----	690.3 ----	731.9 ----	635.4 ----
DKC 2684	589.2 ----	477.7 ---	588.5 ---	607.5 ---	595.6 ----
Bezugsgrösse(n)	583.6 ---	460.6 ---	609.2 ----	630.9 ---	547.2 ---
Versuchs-Mittel	588.0 ----	480.3 ----	599.1 ----	629.6 ----	553.6 ----
VK [%]	6.6	6.7	6.2	6.6	8.5
KGD (5%)	23.7	52.3	61.0	67.5	76.7
KGD (1%)	31.2	69.6	81.1	89.8	102.0
Versuchs-Streuung	39.0	32.0	37.3	41.3	46.9
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	1294954.2	29	29.30 ***	1.50	0.0000
Anbauorte	1950417.4	6	213.27 ***	2.12	0.0000
WW Verf.*Anb.Orte	538606.5	174	2.03 ***	1.23	0.0004
Fehler	618837.3	406			
Insgesamt	4402815.4	615			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
SY Amboss	609.5	-	560.4	----	577.9	---
LG 31211	659.4	---	592.1	----	600.8	----
Spyci CS	596.3	-	560.4	----	547.2	---
Karibous	691.7	----	530.6	---	495.1	-
Amanova	626.4	--	576.9	----	638.3	-----
LG 31205	676.0	----	582.3	----	574.8	---
ES2821	675.3	----	608.8	-----	629.1	----
LG 31219	701.3	----	625.9	-----	679.6	-----
LG 31207	666.1	---	578.4	----	611.5	----
KWS Damario	722.8	-----	633.2	-----	611.5	----
KWS Papageno	615.3	--	532.9	---	568.2	---
Amaizi CS	589.2	-	523.7	---	545.8	---
Landlord	701.8	-----	592.8	----	665.6	-----
ES Piccard	718.3	-----	651.7	-----	742.0	-----
RH17015	717.4	-----	600.8	----	665.8	-----
CSM 17121	664.0	---	569.9	----	578.8	---
Davos	671.4	---	602.6	-----	663.1	-----
Farmunox	601.3	-	491.2	--	464.5	-
SB0747	604.5	-	418.3	-	497.5	-
SB1186	695.6	----	650.7	-----	630.8	----
SY Calo	699.9	----	644.2	-----	594.3	----
KWS Dorico	692.0	----	576.7	----	629.5	----
KXB8111	651.4	---	570.8	----	571.5	---
LG 30222	656.6	---	552.7	---	544.8	---
DKC 2978	676.8	----	514.7	---	587.0	---
Kaprilias	669.2	---	540.2	---	586.1	---
KWS Colonnada	634.3	--	536.6	---	458.1	-
Hulk	819.4	-----	795.1	-----	820.0	-----
SY Pandoras	721.0	-----	607.1	-----	721.8	-----
DKC 2684	667.1	---	550.6	---	637.7	-----
-Bezugsgrösse(n)	651.2	---	579.6	----	606.5	----
Versuchs-Mittel	669.7	---	579.1	----	604.6	----
VK [%]	6.3		6.9		5.2	
KGD (5%)	68.6		65.3		51.5	
KGD (1%)	91.3		86.8		68.5	
Versuchs-Streuung	42.0		39.9		31.5	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	213.6 ---	159.4 ---	220.5 ---	215.5 ----	209.3 ----
LG 31211	216.0 ----	164.6 ----	227.3 ----	213.1 ----	201.0 ---
Spyci CS	209.5 --	161.3 ----	223.7 ---	197.1 -	204.7 ---
Karibous	208.7 --	161.2 ----	228.7 ----	201.8 --	205.0 ---
Amanova	225.0 -----	172.0 -----	240.3 -----	222.2 -----	218.1 -----
LG 31205	226.3 -----	165.7 -----	239.9 -----	235.3 -----	218.7 -----
ES2821	217.8 ----	163.4 ----	211.0 -	201.8 --	227.6 -----
LG 31219	223.6 -----	167.6 ----	232.5 ----	212.9 ----	208.0 ----
LG 31207	231.2 -----	175.0 -----	240.9 -----	234.0 -----	222.0 ----
KWS Damario	225.7 -----	182.2 -----	232.5 ----	209.6 ---	220.0 ----
KWS Papageno	214.8 ----	171.9 ----	213.0 -	221.1 ----	222.0 ----
Amaizi CS	209.2 --	151.5 -	214.8 -	216.4 ----	201.9 ---
Landlord	219.9 ----	171.4 ----	235.6 ----	204.1 --	217.9 ----
ES Piccard	235.4 -----	170.8 ----	247.6 -----	225.4 ----	241.6 -----
RH17015	216.5 ----	158.0 ---	223.5 ---	211.0 ----	223.8 ----
CSM 17121	227.0 -----	173.7 -----	232.2 ----	218.9 ----	225.3 ----
Davos	219.9 ----	168.0 ----	226.6 ----	207.9 ---	225.5 ----
Farmunox	207.4 --	163.5 ----	223.4 ---	214.4 ----	205.3 ---
SB0747	201.8 -	164.6 ----	216.6 --	199.8 -	183.3 -
SB1186	219.8 ----	157.4 ---	235.6 ----	216.7 ----	215.1 ----
SY Calo	218.7 ----	164.6 ----	219.3 --	214.6 ----	214.1 ----
KWS Dorico	219.7 ----	164.7 ----	221.9 ---	231.6 -----	222.0 ----
KXB8111	221.8 ----	172.8 ----	218.4 --	218.3 ----	220.3 ----
LG 30222	214.6 ----	173.4 ----	224.7 ----	204.2 --	216.8 ----
DKC 2978	206.2 --	153.1 --	215.6 --	200.7 -	193.4 --
Kaprilias	214.3 ----	162.0 ----	225.8 ----	211.6 ----	209.0 ----
KWS Colonnada	209.9 ---	161.5 ----	225.1 ----	208.3 ---	205.1 ---
Hulk	229.3 -----	149.0 -	215.6 --	208.9 ---	244.8 -----
SY Pandoras	227.2 -----	174.8 ----	236.0 ----	220.9 ----	226.6 ----
DKC 2684	221.6 ----	173.8 ----	223.1 ---	218.0 ----	226.3 ----
-Bezugsgrösse(n)	225.6 -----	168.9 -----	240.1 -----	228.7 -----	218.4 -----
Versuchs-Mittel	218.4 ----	165.8 ----	226.4 ----	213.9 ----	215.8 ----
VK [%]	6.1	6.2	6.0	5.8	6.9
KGD (5%)	8.1	ns	ns	20.3	24.2
KGD (1%)	10.7	ns	ns	ns	32.2
Versuchs-Streuung	13.3	10.3	13.6	12.4	14.8
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	39649.5	29	7.68 ***	1.50	0.0000
Anbauorte	361085.9	6	338.06 ***	2.12	0.0000
WW Verf.*Anb.Orte	42510.1	174	1.37 ns	1.23	
Fehler	72275.6	406			
Insgesamt	515521.2	615			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
SY Amboss	231.0	--	218.6	----	241.3	----
LG 31211	237.9	----	225.2	----	242.9	----
Spyci CS	226.9	-	224.2	----	228.6	---
Karibous	243.1	-----	210.1	---	211.0	-
Amanova	238.8	-----	222.8	----	260.6	-----
LG 31205	249.4	-----	233.8	-----	241.2	----
ES2821	241.4	----	227.9	----	251.4	----
LG 31219	249.0	-----	235.4	-----	260.2	-----
LG 31207	248.4	-----	235.0	-----	262.9	-----
KWS Damario	246.2	-----	240.0	-----	249.7	----
KWS Papageno	226.1	-	214.3	---	234.9	----
Amaizi CS	233.0	---	212.9	---	233.7	---
Landlord	244.4	-----	217.2	----	248.5	----
ES Piccard	246.5	-----	238.6	-----	277.2	-----
RH17015	244.0	-----	208.9	---	245.9	----
CSM 17121	251.1	-----	236.1	-----	251.6	----
Davos	229.7	--	227.2	----	254.2	-----
Farmunox	232.0	--	204.9	--	208.6	-
SB0747	230.1	--	191.7	-	226.2	---
SB1186	233.9	---	237.5	-----	242.6	----
SY Calo	240.5	-----	234.9	-----	242.9	----
KWS Dorico	234.9	---	221.4	----	241.1	----
KXB8111	247.2	-----	227.3	-----	247.9	----
LG 30222	240.7	-----	218.1	----	224.1	--
DKC 2978	238.9	-----	200.6	--	241.4	----
Kaprilias	242.3	-----	209.9	---	239.2	----
KWS Colonnada	237.1	----	213.1	---	219.4	--
Hulk	246.8	-----	259.3	-----	280.4	-----
SY Pandoras	245.7	-----	217.6	----	268.5	-----
DKC 2684	237.4	----	220.5	----	252.1	----
-Bezugsgrösse(n)	244.1	-----	228.3	----	250.9	-----
Versuchs-Mittel	239.8	----	222.8	----	244.3	----
VK [%]	6.1		6.8		4.8	
KGD (5%)	ns		24.7		19.1	
KGD (1%)	ns		32.9		25.4	
Versuchs-Streuung	14.7		15.1		11.7	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	38.3 -----	34.5 ----	38.6 -----	36.4 -----	39.6 ----
LG 31211	37.8 -----	34.6 -----	37.9 ----	34.2 ----	43.3 -----
Spyci CS	38.0 ----	35.3 -----	37.7 ----	34.1 ----	38.8 ----
Karibous	37.6 -----	33.9 ----	37.9 ----	32.9 ----	41.0 ----
Amanova	38.4 -----	36.2 -----	39.6 -----	36.1 -----	39.0 ----
LG 31205	39.0 -----	37.1 -----	39.2 -----	36.4 -----	40.9 -----
ES2821	36.7 ----	34.5 ----	38.7 -----	33.0 ----	37.3 ----
LG 31219	36.6 ----	34.7 -----	39.0 -----	32.5 ---	38.4 ----
LG 31207	39.3 -----	38.0 -----	39.2 -----	37.0 -----	40.3 -----
KWS Damario	36.8 ----	33.8 ----	37.1 ----	34.9 ----	39.1 ----
KWS Papageno	38.2 -----	36.2 -----	40.0 -----	33.5 ----	39.6 ----
Amaizi CS	40.2 -----	35.8 -----	41.1 -----	38.5 -----	42.8 -----
Landlord	35.7 ---	33.7 ----	36.7 ---	32.6 ---	38.0 ----
ES Piccard	35.4 ---	33.3 ----	36.5 ----	32.8 ---	37.0 ---
RH17015	34.5 ---	32.0 ---	35.9 ---	32.4 ---	35.3 -
CSM 17121	39.4 -----	35.8 -----	41.3 -----	36.3 -----	39.6 ----
Davos	36.0 ----	34.2 ----	35.9 ----	33.0 ----	38.9 ----
Farmunox	39.9 -----	35.1 -----	39.8 -----	36.4 -----	42.6 -----
SB0747	40.4 -----	35.5 -----	39.2 -----	34.3 ----	44.0 -----
SB1186	35.1 ----	31.4 ---	36.1 ----	32.9 ----	36.7 ---
SY Calo	35.4 ----	32.8 ----	35.1 ---	32.0 ---	36.2 --
KWS Dorico	36.2 ----	34.1 ----	36.3 ----	32.3 ---	39.7 ----
KXB8111	39.7 -----	36.8 -----	41.1 -----	36.2 -----	42.8 -----
LG 30222	37.1 -----	35.2 -----	36.4 ----	31.5 --	39.6 ----
DKC 2978	37.4 -----	34.8 -----	38.7 -----	33.8 ----	39.3 ----
Kaprilias	37.3 -----	35.1 -----	37.0 ----	35.0 ----	38.3 ----
KWS Colonnada	40.2 -----	36.6 -----	41.3 -----	36.4 -----	42.3 -----
Hulk	31.8 -	29.1 -	32.5 -	29.7 -	34.3 -
SY Pandoras	34.1 ---	31.6 ---	34.4 --	30.2 -	35.7 --
DKC 2684	37.6 -----	36.4 -----	37.9 ----	36.0 -----	38.0 ----
-Bezugsgrösse(n)	38.7 -----	36.7 -----	39.4 -----	36.3 -----	39.9 ----
Versuchs-Mittel	37.3 -----	34.6 -----	37.9 ----	34.1 ----	39.3 ----
VK [%]	3.6	3.2	3.9	5.4	4.0
KGD (5%)	0.8	1.8	2.4	3.0	2.6
KGD (1%)	1.1	2.4	3.2	4.0	3.4
Versuchs-Streuung	1.3	1.1	1.5	1.9	1.6
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	2538.0	29	48.73 ***	1.50	0.0000
Anbauorte	3379.4	6	313.64 ***	2.12	0.0000
WW Verf.*Anb.Orte	685.9	174	2.19 ***	1.23	0.0002
Fehler	729.1	406			
Insgesamt	7332.4	615			

Précocité [% MS] / Frühreife [% TS]

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
SY Amboss	38.0 -----	39.0 ----	41.8 -----
LG 31211	36.1 -----	38.0 ----	40.4 ----
Spyci CS	38.1 -----	40.0 -----	41.8 -----
Karibous	35.2 -----	39.6 -----	42.7 -----
Amanova	38.1 -----	38.6 ----	40.8 ----
LG 31205	36.9 -----	40.2 -----	42.0 -----
ES2821	35.8 ----	37.4 ---	40.0 ----
LG 31219	35.5 -----	37.6 ----	38.3 ---
LG 31207	37.3 -----	40.6 -----	43.0 -----
KWS Damario	34.0 ----	37.8 ----	40.8 ----
KWS Papageno	36.7 -----	40.2 -----	41.4 -----
Amaizi CS	39.6 -----	40.5 -----	42.9 -----
Landlord	34.8 ----	36.6 ---	37.3 --
ES Piccard	34.3 ---	36.6 ---	37.4 --
RH17015	34.0 ----	34.8 --	36.9 --
CSM 17121	37.8 -----	41.4 -----	43.5 -----
Davos	34.2 ----	37.7 ----	38.3 ---
Farmunox	38.6 -----	41.8 -----	45.1 -----
SB0747	38.1 -----	45.9 -----	45.5 -----
SB1186	33.7 ----	36.5 ---	38.5 ---
SY Calo	34.4 ----	36.5 ---	40.9 ----
KWS Dorico	34.0 ----	38.4 ----	38.3 ---
KXB8111	38.0 -----	39.8 ----	43.4 -----
LG 30222	36.7 -----	39.5 -----	41.2 -----
DKC 2978	35.3 -----	39.0 ----	41.2 -----
Kaprilias	36.2 -----	38.9 ----	40.8 ----
KWS Colonnada	37.4 -----	39.7 ----	47.9 -----
Hulk	30.1 -	32.6 -	34.2 -
SY Pandoras	34.1 ----	35.9 ---	37.2 --
DKC 2684	35.6 -----	40.1 -----	39.5 ----
-Bezugsgrösse(n)	37.5 -----	39.4 -----	41.4 -----
Versuchs-Mittel	36.0 -----	38.7 ----	40.8 ----
VK [%]	2.4	2.8	2.8
KGD (5%)	1.4	1.8	1.9
KGD (1%)	1.9	2.4	2.5
Versuchs-Streuung	0.9	1.1	1.2
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel		1567 Delley FR	
SY Amboss	34.9	-----	34.9	-----
LG 31211	35.2	-----	35.2	-----
Spyci CS	35.5	-----	35.5	-----
Karibous	33.5	---	33.5	---
Amanova	36.4	-----	36.4	-----
LG 31205	36.5	-----	36.5	-----
ES2821	35.0	-----	35.0	-----
LG 31219	35.8	-----	35.8	-----
LG 31207	37.0	-----	37.0	-----
KWS Damario	33.9	-----	33.9	-----
KWS Papageno	35.8	-----	35.8	-----
Amaizi CS	37.8	-----	37.8	-----
Landlord	33.9	-----	33.9	-----
ES Piccard	34.8	-----	34.8	-----
RH17015	34.4	-----	34.4	-----
CSM 17121	35.7	-----	35.7	-----
Davos	34.9	-----	34.9	-----
Farmunox	35.4	-----	35.4	-----
SB0747	35.6	-----	35.6	-----
SB1186	32.0	---	32.0	---
SY Calo	32.7	---	32.7	---
KWS Dorico	33.3	-----	33.3	-----
KXB8111	36.4	-----	36.4	-----
LG 30222	35.2	-----	35.2	-----
DKC 2978	35.1	-----	35.1	-----
Kaprilias	35.6	-----	35.6	-----
KWS Colonnada	36.5	-----	36.5	-----
Hulk	30.0	-	30.0	-
SY Pandoras	31.3	--	31.3	--
DKC 2684	36.2	-----	36.2	-----
-Bezugsgrösse(n)	36.4	-----	36.4	-----
Versuchs-Mittel	34.9	-----	34.9	-----
VK [%]	3.3		3.3	
KGD (5%)	1.9		1.9	
KGD (1%)	2.5		2.5	
Versuchs-Streuung	1.1		1.1	
FG Fehlerterm	56.0		56.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	148.5 ---	114.7 --	148.0 -	150.8 ---	143.1 ----
LG 31211	151.5 ----	120.4 ----	157.1 ----	149.1 ---	137.2 ---
Spyci CS	148.8 ---	117.8 ---	157.2 ----	137.7 -	144.9 ----
Karibous	150.2 ---	121.1 ----	161.6 ----	142.8 --	148.1 ---
Amanova	160.6 -----	127.8 -----	169.7 -----	156.7 -----	155.6 -----
LG 31205	162.9 -----	125.0 -----	170.1 -----	171.8 -----	151.9 -----
ES2821	151.7 ---	118.6 ---	148.5 -	139.4 -	160.8 ----
LG 31219	161.3 ----	124.2 ----	168.3 ----	154.4 ----	147.0 ---
LG 31207	163.8 ----	133.6 ----	167.8 ----	166.1 ----	154.2 ----
KWS Damario	162.0 ----	138.0 ----	166.5 ----	147.4 ---	158.5 ----
KWS Papageno	154.8 ----	130.2 ----	151.7 --	160.0 ----	154.6 ----
Amaizi CS	146.7 --	109.0 -	148.6 -	152.3 ----	138.3 ---
Landlord	155.0 ----	124.6 ----	165.0 ----	141.0 -	151.9 ----
ES Piccard	164.5 ----	123.0 ---	168.1 ----	155.3 ---	168.7 ----
RH17015	148.1 ---	111.6 -	150.3 --	144.6 --	151.3 ----
CSM 17121	157.4 ----	126.1 ----	151.8 --	152.1 ---	154.9 ----
Davos	157.2 ----	122.5 ---	158.8 ----	148.8 ---	158.7 ----
Farmunox	147.1 --	120.8 ---	158.9 ----	155.3 ---	139.1 ---
SB0747	141.8 -	123.4 ----	148.1 -	142.8 --	121.9 -
SB1186	160.2 ----	117.6 ---	171.9 -----	160.1 ----	153.5 ----
SY Calo	153.9 ----	122.8 ---	149.0 -	152.1 ----	145.9 ----
KWS Dorico	162.4 ----	128.4 ----	159.3 ----	177.4 -----	157.5 ----
KXB8111	155.0 ----	129.2 ----	146.4 -	155.3 ---	149.9 ----
LG 30222	151.5 ---	129.3 ----	156.1 ---	143.0 --	154.0 ----
DKC 2978	148.0 ---	114.8 --	151.6 --	146.8 --	136.2 ---
Kaprilias	154.1 ----	121.3 ---	156.0 ---	152.5 ----	151.3 ----
KWS Colonnada	150.1 ---	121.3 ---	158.2 ---	150.9 ---	142.7 ----
Hulk	165.3 ----	111.6 -	150.7 --	149.4 ---	178.7 ----
SY Pandoras	160.2 ----	128.4 ----	162.6 ----	153.4 ---	157.9 ----
DKC 2684	154.2 ----	126.4 ----	154.4 ---	150.3 ---	154.8 ----
-Bezugsgrösse(n)	161.7 -----	126.4 -----	169.9 -----	164.2 -----	153.7 -----
Versuchs-Mittel	155.0 ----	122.8 ---	157.7 ---	152.0 ---	150.8 ----
VK [%]	6.9	6.7	7.3	6.8	7.6
KGD (5%)	6.5	13.4	ns	17.0	18.6
KGD (1%)	8.5	ns	ns	22.6	24.8
Versuchs-Streuung	10.7	8.2	11.5	10.4	11.4
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	24055.9	29	7.28 ***	1.50	0.0000
Anbauorte	148592.2	6	217.36 ***	2.12	0.0000
WW Verf.*Anb.Orte	28269.4	174	1.43 ns	1.23	
Fehler	46259.3	406			
Insgesamt	247176.9	615			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
SY Amboss	158.3	-	152.7	---	171.7	----
LG 31211	166.5	----	157.0	----	173.0	----
Spyci CS	158.7	-	162.4	----	162.5	--
Karibous	172.1	-----	151.4	---	154.6	-
Amanova	169.8	----	158.6	----	185.9	-----
LG 31205	177.2	-----	168.3	-----	176.1	----
ES2821	165.0	---	158.6	----	171.1	---
LG 31219	174.4	-----	169.2	-----	191.3	-----
LG 31207	173.3	-----	167.7	-----	184.0	----
KWS Damario	173.1	-----	175.4	-----	175.2	----
KWS Papageno	164.1	---	154.6	----	168.5	---
Amaizi CS	163.5	---	152.0	---	163.5	--
Landlord	171.3	-----	155.7	----	175.1	----
ES Piccard	171.0	-----	167.5	-----	197.9	-----
RH17015	163.1	---	144.5	--	171.2	---
CSM 17121	171.7	-----	165.0	-----	180.6	-----
Davos	159.9	-	164.1	----	187.7	-----
Farmunox	160.5	--	144.5	--	150.6	-
SB0747	160.3	-	135.1	-	160.7	--
SB1186	167.2	----	172.5	-----	178.8	-----
SY Calo	170.2	-----	164.9	-----	172.4	----
KWS Dorico	171.4	-----	163.1	-----	179.9	-----
KXB8111	168.3	----	162.5	----	173.6	----
LG 30222	166.8	----	154.2	----	157.0	-
DKC 2978	164.7	---	142.6	--	179.2	-----
Kaprilias	169.2	-----	151.7	---	176.6	-----
KWS Colonnada	165.1	---	155.1	----	157.5	--
Hulk	174.4	-----	183.9	-----	208.1	-----
SY Pandoras	168.8	-----	156.7	----	193.8	-----
DKC 2684	161.3	--	152.2	---	179.9	-----
-Bezugsgrösse(n)	173.5	-----	163.5	-----	181.0	-----
Versuchs-Mittel	167.4	----	158.8	----	175.3	----
VK [%]	6.8		7.0		6.0	
KGD (5%)	ns		18.0		17.1	
KGD (1%)	ns		24.0		22.7	
Versuchs-Streuung	11.4		11.0		10.5	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	78.6 ---	54.8 ---	86.0 ---	84.5 ----	72.6 ---
LG 31211	80.0 ---	59.2 ----	88.0 ----	77.6 ---	69.3 --
Spyci CS	81.5 ----	57.8 ---	93.6 ----	76.3 --	77.7 ----
Karibous	83.9 ----	62.0 ----	97.1 ----	82.4 ----	78.2 ----
Amanova	87.1 -----	68.0 -----	95.8 -----	86.7 -----	81.3 -----
LG 31205	90.3 -----	65.0 -----	95.8 -----	97.0 -----	82.0 -----
ES2821	79.0 ---	56.3 ---	82.9 --	73.4 -	82.3 ----
LG 31219	88.1 ----	60.7 ----	97.3 ----	90.1 ----	76.8 ---
LG 31207	89.8 ----	69.9 ----	91.1 ----	96.5 ----	88.5 ----
KWS Damario	87.8 ----	70.7 ----	93.5 ----	81.4 ---	88.8 ----
KWS Papageno	85.6 ----	66.1 ----	89.0 ---	90.1 ----	82.4 ----
Amaizi CS	77.5 ---	51.1 --	84.6 ---	84.2 ----	69.1 --
Landlord	81.9 ---	64.1 ----	90.3 ----	73.5 -	83.5 ----
ES Piccard	84.9 ----	60.6 ----	90.0 ----	84.5 ----	84.1 ----
RH17015	70.3 -	48.4 -	78.6 -	70.7 -	68.6 --
CSM 17121	83.9 ----	65.4 ----	83.9 ---	78.9 ---	85.3 ----
Davos	85.6 ----	63.2 ----	87.4 ---	80.7 ---	88.5 ----
Farmunox	81.4 ---	61.0 ---	96.3 ----	86.2 ----	75.8 ---
SB0747	79.1 ---	65.6 ----	86.9 ---	79.4 ---	65.3 -
SB1186	87.0 ----	59.6 ---	100.9 -----	86.2 ----	83.9 ----
SY Calo	85.3 ----	63.3 ----	83.9 ---	85.4 ----	80.9 ----
KWS Dorico	90.2 ----	68.8 ----	93.2 ----	98.2 ----	85.7 ----
KXB8111	87.0 ----	70.1 ----	80.4 -	89.0 ----	84.8 ----
LG 30222	82.2 ----	68.3 ----	88.4 ---	75.0 --	86.6 ----
DKC 2978	80.8 ---	58.7 ---	86.5 ---	80.0 ---	71.9 ---
Kaprilias	84.1 ----	64.1 ----	87.7 ---	82.3 ----	82.9 ----
KWS Colonnada	83.7 ----	62.8 ----	92.2 ----	84.2 ----	79.2 ----
Hulk	83.5 ----	50.2 -	81.6 --	75.7 --	92.3 ----
SY Pandoras	85.9 ----	63.9 ----	92.1 ----	85.3 ----	82.4 ----
DKC 2684	83.3 ----	68.7 ----	85.8 ---	82.2 ---	82.3 ----
-Bezugsgrösse(n)	88.7 -----	66.5 -----	95.8 -----	91.8 -----	81.7 -----
Versuchs-Mittel	83.6 ----	62.3 ----	89.4 ---	83.2 ---	80.4 ----
VK [%]	8.9	8.6	9.4	10.0	10.4
KGD (5%)	4.5	8.8	ns	13.7	13.6
KGD (1%)	6.0	11.6	ns	ns	ns
Versuchs-Streuung	7.5	5.4	8.4	8.4	8.3
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	11183.8	29	6.89 ***	1.50	0.0000
Anbauorte	63532.7	6	189.17 ***	2.12	0.0000
WW Verf.*Anb.Orte	12401.6	174	1.27 ns	1.23	
Fehler	22725.4	406			
Insgesamt	109843.5	615			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
SY Amboss	80.2	----	79.1	---	93.4	----
LG 31211	89.4	-----	82.1	----	94.2	----
Spyci CS	85.2	-----	90.7	-----	88.9	--
Karibous	90.8	-----	85.5	----	91.2	---
Amanova	88.3	-----	85.9	----	103.8	-----
LG 31205	92.2	-----	96.3	-----	103.5	-----
ES2821	82.3	----	82.0	----	93.8	----
LG 31219	87.3	-----	96.4	-----	107.8	-----
LG 31207	89.8	-----	89.3	-----	103.3	-----
KWS Damario	83.9	-----	97.6	-----	98.7	-----
KWS Papageno	86.7	-----	88.9	-----	95.9	-----
Amaizi CS	81.1	----	83.0	----	89.6	---
Landlord	83.1	----	83.4	----	95.4	----
ES Piccard	78.1	---	88.1	-----	108.9	-----
RH17015	71.9	-	70.9	-	83.0	-
CSM 17121	86.3	-----	89.8	-----	97.9	-----
Davos	81.6	----	92.9	-----	104.6	-----
Farmunox	81.8	----	83.2	----	85.8	-
SB0747	85.7	-----	77.1	--	93.3	----
SB1186	85.3	-----	94.0	-----	98.8	-----
SY Calo	91.7	-----	93.5	-----	98.6	-----
KWS Dorico	91.0	-----	95.5	-----	98.8	-----
KXB8111	91.3	-----	94.1	-----	99.4	-----
LG 30222	87.1	-----	84.6	----	85.7	-
DKC 2978	85.3	-----	79.2	---	103.6	-----
Kaprilias	88.8	-----	83.7	----	99.0	-----
KWS Colonnada	86.6	-----	88.3	-----	92.3	---
Hulk	81.3	----	95.4	-----	107.8	-----
SY Pandoras	85.8	-----	83.4	----	108.5	-----
DKC 2684	81.8	-----	84.0	-----	98.0	-----
-Bezugsgrösse(n)	90.3	-----	91.1	-----	103.7	-----
Versuchs-Mittel	85.4	-----	87.3	-----	97.4	-----
VK [%]	7.9		8.9		7.0	
KGD (5%)	ns		12.7		11.2	
KGD (1%)	ns		16.9		14.9	
Versuchs-Streuung	6.8		7.8		6.8	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	695.7 --	719.7 --	671.3 --	699.7 --	684.0 ---
LG 31211	702.1 ---	731.7 ---	691.0 ----	699.3 --	684.0 ---
Spyci CS	710.5 ----	730.3 ---	702.7 ----	698.0 --	708.0 ----
Karibous	721.4 ----	751.0 ----	706.7 ----	708.0 ---	722.7 ----
Amanova	714.9 ----	742.0 ----	706.3 ----	705.3 ---	712.0 ----
LG 31205	720.8 ----	754.3 ----	707.7 ----	728.7 ----	694.3 ---
ES2821	697.8 --	725.3 ---	703.3 ----	690.0 -	706.0 ----
LG 31219	721.8 ----	741.0 ---	723.7 ----	725.0 ----	707.0 ----
LG 31207	710.9 ---	763.3 ----	697.3 ----	710.3 ---	694.3 ---
KWS Damario	719.1 ----	757.3 ----	715.7 ----	705.0 ---	721.3 ----
KWS Papageno	721.8 ----	757.7 ----	710.0 ----	723.3 ---	696.0 ---
Amaizi CS	702.2 ---	719.7 --	691.7 ----	704.0 --	686.0 ---
Landlord	705.2 ---	727.3 ---	700.3 ----	690.7 -	696.7 ---
ES Piccard	699.6 ---	720.0 --	678.7 ---	688.7 -	699.3 ---
RH17015	684.9 -	705.0 -	672.0 ---	685.0 -	676.0 --
CSM 17121	694.7 --	726.0 ---	653.7 -	694.7 --	688.3 ---
Davos	715.0 ----	729.0 ---	700.7 ----	716.0 ----	702.3 ----
Farmunox	709.5 ---	737.7 ---	710.3 ----	724.3 ---	677.7 --
SB0747	703.7 ---	750.7 ----	683.7 ---	714.7 ---	665.3 -
SB1186	729.7 ----	747.7 ----	729.0 ----	739.0 ----	714.7 ----
SY Calo	705.2 ---	745.7 ----	679.3 ---	709.0 ---	682.0 ---
KWS Dorico	740.6 ----	780.0 ----	717.7 ----	766.0 ----	708.7 ----
KXB8111	700.8 ---	748.0 ----	670.0 --	711.3 ---	680.7 --
LG 30222	707.4 ---	745.7 ----	694.7 ---	700.7 --	710.3 ----
DKC 2978	718.9 ----	750.0 ----	703.0 ----	731.7 ----	705.0 ----
Kaprilias	720.3 ----	748.7 ----	690.7 ----	720.7 ----	723.3 ----
KWS Colonnada	716.7 ----	751.3 ----	702.3 ----	724.7 ----	697.0 ----
Hulk	721.3 ----	748.3 ----	699.0 ----	714.7 ----	730.0 ----
SY Pandoras	706.1 ---	735.0 ---	688.7 ---	694.0 -	696.0 ---
DKC 2684	696.5 --	727.3 ---	691.7 ----	688.7 -	684.3 ---
-Bezugsgrösse(n)	717.9 ----	748.2 ----	707.0 ----	717.0 ---	703.2 ----
Versuchs-Mittel	710.5 ---	740.6 ---	696.4 ----	710.4 ---	698.4 ----
VK [%]	2.5	2.1	2.3	2.6	2.9
KGD (5%)	10.6	25.8	26.0	30.5	32.9
KGD (1%)	14.0	34.3	34.5	40.6	ns
Versuchs-Streuung	17.5	15.8	15.9	18.7	20.1
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	87282.1	29	9.86 ***	1.50	0.0000
Anbauorte	130653.9	6	71.33 ***	2.12	0.0000
WW Verf.*Anb.Orte	59507.4	174	1.12 ns	1.23	
Fehler	123943.0	406			
Insgesamt	401386.4	615			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
SY Amboss	685.3	---	698.7	--	711.3	----
LG 31211	699.7	----	697.3	--	711.7	----
Spyci CS	699.7	----	724.7	-----	710.3	----
Karibous	707.0	-----	720.3	-----	734.0	-----
Amanova	711.3	-----	712.3	----	715.0	-----
LG 31205	710.7	-----	719.7	-----	730.3	-----
ES2821	683.3	---	696.0	--	680.7	-
LG 31219	701.7	----	719.0	-----	735.3	-----
LG 31207	698.0	----	713.3	-----	699.7	---
KWS Damario	703.3	-----	729.3	-----	702.0	---
KWS Papageno	726.0	-----	721.7	-----	717.7	----
Amaizi CS	701.3	----	714.0	----	699.0	---
Landlord	700.7	----	717.7	----	703.3	---
ES Piccard	694.3	---	702.0	---	714.0	----
RH17015	668.7	-	691.3	-	696.0	--
CSM 17121	683.7	---	699.0	--	717.3	----
Davos	695.3	----	723.3	-----	738.0	-----
Farmunox	692.0	----	703.7	---	721.0	-----
SB0747	697.0	----	704.7	---	710.0	----
SB1186	714.3	-----	726.0	-----	737.0	-----
SY Calo	708.0	-----	702.7	---	709.7	----
KWS Dorico	730.0	-----	736.3	-----	745.7	-----
KXB8111	680.3	--	715.0	----	700.3	---
LG 30222	693.0	----	707.3	----	700.3	---
DKC 2978	689.3	---	710.7	----	742.3	-----
Kaprilias	698.0	----	723.0	-----	738.0	-----
KWS Colonnada	696.3	----	727.3	-----	718.0	----
Hulk	705.7	-----	709.3	----	742.0	-----
SY Pandoras	687.0	---	720.7	-----	721.7	-----
DKC 2684	679.3	--	690.7	-	713.7	----
-Bezugsgrösse(n)	711.0	-----	716.0	----	722.7	-----
Versuchs-Mittel	698.0	----	712.6	----	717.2	----
VK [%]	2.3		2.2		2.7	
KGD (5%)	25.7		26.0		32.0	
KGD (1%)	34.2		ns		42.5	
Versuchs-Streuung	15.7		15.9		19.6	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	366.7 ----	343.3 ---	390.0 ----	390.7 -----	347.0 ----
LG 31211	368.9 ----	359.7 ----	386.3 ----	363.7 ---	345.0 ----
Spyci CS	387.1 -----	358.3 ----	418.0 -----	384.7 ----	380.3 -----
Karibous	401.7 -----	383.7 -----	424.7 -----	408.3 -----	382.0 -----
Amanova	387.3 -----	395.3 -----	398.7 -----	390.3 -----	370.7 -----
LG 31205	397.9 -----	391.3 -----	397.7 -----	410.7 -----	375.0 -----
ES2821	362.1 ----	344.3 ---	393.3 -----	362.3 ---	362.0 ----
LG 31219	392.5 -----	361.3 ----	418.3 -----	423.7 -----	368.7 ----
LG 31207	389.0 -----	399.0 -----	378.3 ---	412.7 -----	399.0 -----
KWS Damario	389.4 -----	388.3 -----	402.3 -----	388.0 ----	404.3 -----
KWS Papageno	398.1 -----	385.7 -----	415.3 -----	407.3 -----	371.3 ----
Amaizi CS	368.9 ----	337.7 ---	394.0 ----	389.3 ----	342.3 ---
Landlord	372.0 ----	374.0 ----	382.0 ---	359.0 ---	382.3 -----
ES Piccard	360.2 ----	354.7 ----	363.3 ---	374.3 ----	349.3 ----
RH17015	324.0 -	304.3 -	351.7 -	334.7 -	306.0 -
CSM 17121	369.8 ----	376.7 -----	360.3 -	360.3 ---	378.7 -----
Davos	388.0 -----	376.0 -----	386.0 ----	387.7 ----	391.7 -----
Farmunox	391.8 -----	371.7 ----	430.3 -----	403.0 -----	369.3 ----
SB0747	391.3 -----	398.3 -----	400.3 ----	397.7 ----	355.3 ----
SB1186	394.5 -----	378.3 ----	428.0 -----	397.0 ----	390.0 -----
SY Calo	389.5 -----	383.3 ----	382.7 ---	398.0 ----	378.0 ----
KWS Dorico	410.9 -----	418.0 -----	420.0 -----	424.3 -----	384.7 ----
KXB8111	392.8 ----	405.7 -----	367.7 --	407.7 ----	385.3 ----
LG 30222	383.3 ----	393.3 ----	393.3 ----	366.3 ---	399.3 ----
DKC 2978	391.0 ----	384.0 ----	401.0 ----	398.7 ----	372.3 ----
Kaprilias	392.5 -----	394.7 -----	389.0 ----	389.0 ----	395.7 -----
KWS Colonnada	398.7 -----	389.0 -----	410.0 -----	404.3 -----	388.0 ----
Hulk	361.7 ----	335.0 ---	378.7 ---	362.3 ---	375.3 ----
SY Pandoras	377.6 ----	366.0 ----	390.3 ----	385.3 ----	364.0 ----
DKC 2684	376.7 ----	395.7 -----	384.7 ----	377.0 ----	363.7 ----
-Bezugsgrösse(n)	392.6 -----	393.3 -----	398.2 -----	400.5 -----	372.8 -----
Versuchs-Mittel	382.5 ----	374.9 ----	394.5 ----	388.6 ----	372.6 ----
VK [%]	5.6	4.5	5.7	6.2	7.2
KGD (5%)	13.0	27.5	37.0	39.3	43.9
KGD (1%)	17.1	36.6	49.2	52.3	ns
Versuchs-Streuung	21.4	16.8	22.6	24.1	26.9
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	179180.9	29	13.53 ***	1.50	0.0000
Anbauorte	124081.1	6	45.29 ***	2.12	0.0000
WW Verf.*Anb.Orte	89964.7	174	1.13 ns	1.23	
Fehler	185401.7	406			
Insgesamt	578628.3	615			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
SY Amboss	347.7	-----	361.7	---	386.7	-----
LG 31211	376.0	-----	364.3	---	387.3	-----
Spyci CS	375.3	-----	405.0	-----	388.3	-----
Karibous	373.0	-----	407.0	-----	433.0	-----
Amanova	371.7	-----	385.7	-----	399.0	-----
LG 31205	369.7	-----	411.3	-----	429.7	-----
ES2821	340.7	-----	359.3	--	373.0	----
LG 31219	351.7	-----	409.7	-----	414.3	-----
LG 31207	361.3	-----	379.7	----	393.0	----
KWS Damario	341.0	-----	405.7	-----	396.0	-----
KWS Papageno	384.0	-----	415.0	-----	408.3	-----
Amaizi CS	347.7	-----	388.0	-----	383.0	----
Landlord	340.0	----	384.3	-----	382.7	----
ES Piccard	317.7	---	369.3	---	393.0	----
RH17015	295.0	-	339.0	-	337.3	-
CSM 17121	343.7	-----	380.0	----	389.0	-----
Davos	355.0	-----	409.0	-----	411.0	-----
Farmunox	352.7	-----	404.7	-----	410.7	-----
SB0747	373.0	-----	402.3	-----	412.3	-----
SB1186	364.7	-----	396.0	-----	407.3	-----
SY Calo	381.3	-----	397.7	-----	405.7	-----
KWS Dorico	388.3	-----	431.7	-----	409.3	-----
KXB8111	368.0	-----	414.0	-----	401.0	-----
LG 30222	362.0	-----	386.3	----	382.3	----
DKC 2978	357.7	-----	394.3	----	429.3	-----
Kaprilias	366.7	-----	398.3	-----	414.0	-----
KWS Colonnada	365.0	-----	413.7	-----	421.0	-----
Hulk	328.0	---	368.0	---	384.7	----
SY Pandoras	349.7	-----	383.7	----	404.0	-----
DKC 2684	345.0	-----	382.3	----	388.7	-----
-Bezugsgrösse(n)	370.7	-----	398.5	-----	414.3	-----
Versuchs-Mittel	356.4	-----	391.6	----	399.2	-----
VK [%]	5.7		4.7		4.7	
KGD (5%)	33.1		30.0		30.8	
KGD (1%)	44.0		39.9		41.0	
Versuchs-Streuung	20.2		18.3		18.9	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	154.7 -----	163.3 -----	151.3 -----	149.0 ----	155.3 -----
LG 31211	151.5 ----	151.0 ----	145.7 ----	160.0 -----	153.0 ----
Spyci CS	143.7 ---	146.3 ---	132.3 --	152.3 ---	139.0 ---
Karibous	141.0 --	149.0 ----	132.0 --	145.7 ---	140.0 ---
Amanova	142.1 --	141.3 --	128.7 --	148.7 ---	144.0 ----
LG 31205	143.7 ---	144.3 ---	144.3 -----	145.3 ---	145.7 ----
ES2821	155.2 -----	160.7 -----	143.3 -----	159.7 -----	148.3 ----
LG 31219	144.1 ---	152.0 ----	132.3 --	141.7 --	147.3 ----
LG 31207	145.5 ---	135.3 -	150.0 -----	142.7 --	136.3 --
KWS Damario	142.5 ---	143.3 ---	134.0 ---	149.7 ----	129.3 -
KWS Papageno	135.5 -	136.3 -	124.0 -	140.3 -	141.7 ---
Amaizi CS	150.6 ----	155.3 -----	141.0 ----	150.0 ----	155.0 -----
Landlord	153.2 -----	156.7 -----	147.7 -----	157.0 -----	145.7 ----
ES Piccard	157.2 -----	160.3 -----	154.0 -----	157.0 -----	157.7 -----
RH17015	163.7 -----	161.0 -----	155.3 -----	168.7 -----	168.3 -----
CSM 17121	153.4 -----	150.3 ----	159.7 -----	161.7 -----	144.0 ----
Davos	146.4 ----	150.7 ----	143.7 ----	150.0 ----	141.0 ---
Farmunox	145.6 ---	150.7 ----	128.3 --	145.0 --	153.3 -----
SB0747	145.0 ---	142.7 ---	142.7 ----	148.0 ---	151.7 -----
SB1186	139.6 --	148.0 ----	129.3 --	141.3 --	134.3 --
SY Calo	148.7 ----	148.0 ----	157.3 -----	148.0 ---	147.3 ----
KWS Dorico	140.0 --	138.0 -	135.3 ---	139.0 -	146.7 ----
KXB8111	147.0 ----	139.7 --	160.3 -----	143.7 --	145.3 ----
LG 30222	147.8 ----	141.7 --	148.0 ----	159.7 -----	135.3 --
DKC 2978	148.5 ----	145.7 ----	150.7 ----	148.0 ---	150.7 ----
Kaprilias	143.2 ---	142.3 ---	147.7 -----	148.7 ---	140.3 ---
KWS Colonnada	136.5 -	135.3 -	137.0 ---	137.7 -	134.0 --
Hulk	152.0 ----	154.0 -----	151.7 -----	158.3 -----	142.3 ---
SY Pandoras	153.5 -----	155.3 -----	146.7 -----	157.0 -----	156.3 -----
DKC 2684	154.4 -----	146.7 ----	149.0 -----	158.0 -----	159.7 -----
-Bezugsgrösse(n)	142.9 ---	142.8 ---	136.5 ---	147.0 ---	144.8 ----
Versuchs-Mittel	147.5 ----	148.2 ----	143.4 -----	150.4 ----	146.3 ----
VK [%]	6.1	5.0	6.8	7.0	7.3
KGD (5%)	5.4	12.1	16.0	ns	17.6
KGD (1%)	7.1	16.2	21.4	ns	ns
Versuchs-Streuung	8.9	7.4	9.8	10.6	10.7
FG Fehlerterm	406.0	58.0	58.0	58.0	58.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	25705.3	29	11.08 ***	1.50	0.0000
Anbauorte	20974.1	6	43.68 ***	2.12	0.0000
WW Verf.*Anb.Orte	15455.7	174	1.11 ns	1.23	
Fehler	32490.2	406			
Insgesamt	94625.2	615			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
SY Amboss	163.3	----	156.0	-----	144.7	----
LG 31211	150.3	--	153.3	-----	147.3	-----
Spyci CS	153.7	---	139.0	---	143.0	-----
Karibous	154.0	---	139.0	---	127.3	-
Amanova	151.3	--	144.7	----	136.0	---
LG 31205	155.3	---	141.3	----	129.3	-
ES2821	164.3	----	155.3	-----	155.0	-----
LG 31219	161.7	----	138.3	---	135.3	---
LG 31207	160.3	----	149.0	-----	144.7	-----
KWS Damario	164.7	-----	138.0	---	138.7	-----
KWS Papageno	144.0	-	131.3	-	130.7	--
Amaizi CS	161.0	----	146.0	----	145.7	-----
Landlord	166.3	-----	148.7	-----	150.7	-----
ES Piccard	171.0	-----	157.3	-----	143.0	-----
RH17015	179.7	-----	153.3	-----	159.7	-----
CSM 17121	162.0	----	150.0	-----	146.0	-----
Davos	161.7	----	143.3	----	134.7	---
Farmunox	163.0	-----	145.0	-----	133.7	--
SB0747	155.3	---	143.3	----	131.3	--
SB1186	153.0	---	139.3	---	131.7	--
SY Calo	151.3	--	148.7	-----	140.0	-----
KWS Dorico	149.7	--	134.3	--	137.3	---
KXB8111	160.3	----	141.0	----	138.3	-----
LG 30222	160.3	----	144.7	-----	145.0	-----
DKC 2978	162.7	-----	148.3	-----	133.7	--
Kaprilias	153.0	---	141.0	----	129.3	-
KWS Colonnada	152.0	--	133.7	-	126.0	-
Hulk	162.3	-----	156.0	-----	139.7	-----
SY Pandoras	165.7	-----	150.7	-----	143.0	-----
DKC 2684	166.7	-----	153.0	-----	148.0	-----
-Bezugsgrösse(n)	153.3	---	143.0	----	132.7	--
Versuchs-Mittel	159.3	----	145.4	-----	139.6	----
VK [%]	5.0		5.1		5.7	
KGD (5%)	13.1		12.0		12.9	
KGD (1%)	17.4		16.0		17.2	
Versuchs-Streuung	8.0		7.3		7.9	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	361.9 -----	356.3 -----	361.7 -----	356.3 ----	368.7 -----
LG 31211	350.7 ----	336.7 -----	341.3 ----	365.0 -----	358.7 ----
Spyci CS	332.5 ---	319.0 ---	322.3 ---	341.7 ---	330.3 --
Karibous	329.6 ---	327.0 ----	324.0 ---	337.3 ---	326.3 -
Amanova	332.1 ---	314.7 ---	324.3 ---	338.7 ---	333.7 --
LG 31205	338.6 ----	316.7 ---	351.3 -----	336.0 ---	353.0 ----
ES2821	357.2 -----	353.0 -----	347.3 ----	354.7 ----	348.3 ----
LG 31219	335.8 ---	339.7 -----	327.7 ---	323.0 --	347.0 ----
LG 31207	338.8 ----	295.0 -	356.0 -----	334.7 ---	340.7 ---
KWS Damario	332.5 ---	319.3 ----	324.7 ---	339.0 ---	319.3 -
KWS Papageno	314.8 -	300.3 -	301.7 -	314.0 -	340.3 ---
Amaizi CS	348.0 ----	341.0 -----	334.7 ----	349.0 ----	374.7 -----
Landlord	348.2 ----	343.3 -----	348.3 ----	348.7 ----	347.7 ----
ES Piccard	357.6 -----	350.3 -----	358.7 -----	360.3 ----	372.0 ----
RH17015	376.4 -----	350.0 -----	363.7 -----	390.7 -----	393.0 -----
CSM 17121	361.9 -----	340.3 -----	382.3 -----	379.3 -----	357.0 ----
Davos	334.0 ---	323.7 ----	336.0 ----	350.7 ----	335.7 --
Farmunox	343.9 ----	329.0 ----	317.0 --	353.0 ----	372.7 -----
SB0747	345.2 ----	315.3 ---	348.7 ----	357.7 ----	375.3 -----
SB1186	331.1 ---	334.3 -----	308.7 -	337.7 ---	334.0 --
SY Calo	344.5 ----	325.0 -----	359.7 -----	344.0 ----	359.7 -----
KWS Dorico	320.4 -	302.3 --	309.7 -	314.7 -	350.3 ----
KXB8111	341.3 ----	308.0 --	358.7 -----	344.0 ----	350.0 ----
LG 30222	349.0 ----	324.3 ----	348.7 ----	376.3 -----	336.7 --
DKC 2978	335.7 ---	313.7 ---	336.3 ----	335.0 ---	357.7 ----
Kaprilias	334.5 ---	322.7 ----	339.3 ----	354.3 ----	335.7 --
KWS Colonnada	318.6 -	297.7 -	314.3 --	330.0 --	327.7 --
Hulk	344.3 ----	330.7 ----	334.7 ----	362.7 -----	335.7 --
SY Pandoras	354.9 -----	337.3 -----	346.3 -----	364.3 -----	370.7 -----
DKC 2684	362.2 -----	340.7 -----	351.3 -----	375.3 -----	381.7 -----
-Bezugsgrösse(n)	335.4 ---	315.7 ---	337.8 ----	337.3 ---	343.3 ---
Versuchs-Mittel	342.5 ----	326.9 ----	339.3 ----	348.9 ----	351.1 ----
VK [%]	5.2	6.4	4.9	5.8	5.7
KGD (5%)	10.8	34.1	27.3	32.8	32.7
KGD (1%)	14.2	ns	36.3	43.7	43.5
Versuchs-Streuung	17.8	20.9	16.7	20.1	20.0
FG Fehlerterm	406.0	58.0	58.0	58.0	58.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	121014.6	29	13.22 ***	1.50	0.0000
Anbauorte	138713.8	6	73.22 ***	2.12	0.0000
WW Verf.*Anb.Orte	65239.3	174	1.19 ns	1.23	
Fehler	128184.6	406			
Insgesamt	453152.4	615			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
SY Amboss	388.7	-----	359.3	-----	342.0	-----
LG 31211	361.7	----	344.3	-----	347.3	-----
Spyci CS	361.3	----	315.7	--	337.3	-----
Karibous	365.7	----	317.7	--	309.0	--
Amanova	357.7	---	328.7	----	327.3	----
LG 31205	371.0	----	324.7	---	317.3	---
ES2821	392.0	-----	352.0	-----	353.3	-----
LG 31219	382.7	-----	314.0	-	316.3	---
LG 31207	378.3	-----	336.7	-----	330.3	-----
KWS Damario	388.0	-----	312.7	-	324.7	----
KWS Papageno	327.7	-	313.7	-	305.7	-
Amaizi CS	368.7	----	330.0	----	337.7	-----
Landlord	373.7	-----	339.7	-----	336.3	-----
ES Piccard	379.3	-----	353.3	-----	329.0	-----
RH17015	418.7	-----	359.3	-----	359.3	-----
CSM 17121	382.0	-----	346.3	-----	345.7	-----
Davos	368.7	----	319.7	--	304.0	-
Farmunox	379.7	-----	337.0	-----	319.0	---
SB0747	364.7	-----	336.3	-----	318.7	---
SB1186	360.0	---	324.3	---	319.0	---
SY Calo	346.0	--	348.3	-----	329.0	-----
KWS Dorico	344.7	--	309.7	-	311.7	--
KXB8111	373.3	-----	331.0	----	324.0	----
LG 30222	372.7	-----	336.7	-----	347.7	-----
DKC 2978	366.0	----	339.3	-----	302.0	-
Kaprilias	362.7	----	324.0	---	302.7	-
KWS Colonnada	351.7	---	309.0	-	299.7	-
Hulk	372.3	-----	355.3	-----	319.0	---
SY Pandoras	392.3	-----	339.7	-----	333.3	-----
DKC 2684	390.0	-----	355.3	-----	341.3	-----
-Bezugsgrösse(n)	364.3	----	326.7	---	322.3	----
Versuchs-Mittel	371.4	----	333.8	-----	326.3	----
VK [%]	4.1		4.2		4.9	
KGD (5%)	24.9		23.2		26.3	
KGD (1%)	33.1		30.8		35.0	
Versuchs-Streuung	15.2		14.2		16.1	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	64.3 ---	69.7 -----	60.7 ---	64.0 --	65.7 ---
LG 31211	63.3 ---	66.7 ----	59.3 --	64.0 --	66.7 ----
Spyci CS	65.2 -----	71.7 -----	63.0 ----	64.0 --	70.3 -----
Karibous	64.3 ---	67.7 ----	61.7 ---	64.0 --	68.0 ----
Amanova	65.2 -----	69.3 -----	58.0 --	63.3 --	72.0 -----
LG 31205	64.5 -----	66.7 ----	60.0 ---	65.7 ----	67.7 ----
ES2821	64.5 -----	69.3 -----	61.3 ----	64.0 --	69.0 -----
LG 31219	66.6 -----	70.3 -----	63.7 ----	67.3 -----	70.3 -----
LG 31207	63.0 ---	65.0 ---	59.3 --	65.3 ----	65.7 ---
KWS Damario	63.4 ---	68.0 -----	59.7 ---	63.7 --	64.7 ---
KWS Papageno	66.1 -----	67.7 ----	61.7 ----	65.7 ----	69.0 -----
Amaizi CS	64.6 ----	69.3 -----	63.0 ----	63.3 --	66.7 ----
Landlord	66.9 -----	70.0 ----	69.0 -----	68.0 -----	68.3 ----
ES Piccard	68.2 -----	71.3 -----	63.0 ----	65.7 ----	70.7 -----
RH17015	67.1 -----	68.0 ----	64.7 ----	66.0 ---	69.0 ----
CSM 17121	60.9 -	64.0 --	56.3 -	62.3 -	63.0 -
Davos	66.6 -----	68.0 ----	62.0 ----	68.0 -----	67.0 ----
Farmunox	62.0 --	62.0 -	59.3 --	64.7 ---	63.7 --
SB0747	62.0 --	66.0 ----	57.3 -	64.3 ---	62.3 -
SB1186	66.0 -----	71.0 -----	65.0 -----	65.0 ---	67.3 ----
SY Calo	64.9 ----	67.7 ----	63.0 ----	64.7 ---	65.7 ---
KWS Dorico	65.1 ----	69.3 -----	64.7 ----	68.0 -----	65.7 ---
KXB8111	63.0 ---	65.3 ---	57.0 -	63.3 --	64.7 ---
LG 30222	66.7 -----	71.7 -----	65.7 ----	67.3 ----	69.3 ----
DKC 2978	64.8 ----	65.3 ---	64.0 ----	70.0 -----	63.7 --
Kaprilias	64.3 ----	68.3 -----	62.7 ----	65.0 ---	66.7 ----
KWS Colonnada	65.0 ----	68.7 -----	64.0 ----	63.7 --	67.7 ----
Hulk	67.5 -----	69.0 ----	65.7 ----	65.3 ----	70.3 -----
SY Pandoras	67.4 -----	66.7 ----	67.3 -----	66.3 ----	72.0 -----
DKC 2684	65.2 ----	69.0 ----	66.0 -----	62.7 -	67.0 ----
-Bezugsgrösse(n)	64.9 -----	68.0 -----	59.0 --	64.5 ---	69.8 -----
Versuchs-Mittel	64.9 -----	68.1 -----	62.3 ----	65.2 ----	67.3 ----
VK [%]	4.6	3.4	6.4	5.7	3.4
KGD (5%)	1.8	3.8	6.5	ns	3.7
KGD (1%)	2.4	5.0	ns	ns	4.9
Versuchs-Streuung	3.0	2.3	4.0	3.7	2.3
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	1913.6	29	7.52 ***	1.50	0.0000
Anbauorte	4939.7	6	93.78 ***	2.12	0.0000
WW Verf.*Anb.Orte	2245.7	174	1.47 ns	1.23	
Fehler	3564.1	406			
Insgesamt	12663.1	615			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
SY Amboss	64.3 --	66.7 ----	59.0 ---
LG 31211	65.7 ---	62.7 ---	58.3 --
Spyci CS	66.7 ----	64.7 ----	56.0 -
Karibous	66.7 ----	65.7 ----	56.3 -
Amanova	68.0 ----	66.3 ----	59.3 ---
LG 31205	68.0 ----	66.0 ----	57.7 --
ES2821	67.0 ----	65.0 ----	56.0 -
LG 31219	67.0 ----	68.3 ----	59.0 ---
LG 31207	64.3 --	64.0 ---	57.3 --
KWS Damario	65.7 ---	64.7 ----	57.7 --
KWS Papageno	72.3 ----	68.0 ----	58.7 --
Amaizi CS	69.0 ----	64.0 ---	56.7 -
Landlord	68.7 ----	66.0 ----	58.0 --
ES Piccard	72.7 ----	73.7 ----	60.3 ----
RH17015	70.3 ----	70.7 ----	61.0 ----
CSM 17121	63.3 -	59.0 -	58.0 --
Davos	71.3 ----	65.0 ----	64.7 ----
Farmunox	66.0 ---	62.0 --	56.3 -
SB0747	66.0 ---	60.0 -	58.0 --
SB1186	67.7 ----	66.0 ----	60.3 ----
SY Calo	64.0 -	69.0 ----	60.0 ---
KWS Dorico	64.7 --	62.7 ---	60.7 ----
KXB8111	67.3 ----	63.3 ---	60.0 ---
LG 30222	65.0 --	65.3 ----	62.3 ----
DKC 2978	66.7 ----	63.3 ---	60.3 ----
Kaprilias	63.0 -	63.7 ---	60.7 ----
KWS Colonnada	63.7 -	64.7 ----	62.3 ----
Hulk	66.0 ---	69.0 ----	67.3 ----
SY Pandoras	69.0 ----	65.7 ----	65.0 ----
DKC 2684	65.7 ---	65.0 ----	61.3 ----
-Bezugsgrösse(n)	68.0 ----	66.2 ----	58.5 --
Versuchs-Mittel	66.9 ---	65.3 ----	59.6 ---
VK [%]	4.1	4.7	3.7
KGD (5%)	4.4	5.0	3.6
KGD (1%)	5.9	6.6	4.8
Versuchs-Streuung	2.7	3.0	2.2
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG	8046 Reckenh. ZH
SY Amboss	6.3 --	6.5 --	6.1 ---	6.4 --	6.2 ---	6.2 --
LG 31211	6.4 ---	6.7 ---	6.2 ----	6.3 --	6.1 ---	6.3 ----
Spyci CS	6.5 ----	6.7 ---	6.4 ----	6.3 --	6.4 ----	6.3 ---
Karibous	6.6 ----	6.9 ----	6.4 ----	6.5 ---	6.6 ----	6.4 ----
Amanova	6.5 ----	6.8 ----	6.4 ----	6.4 ---	6.5 ----	6.5 ----
LG 31205	6.6 ----	7.0 ----	6.4 ----	6.7 ----	6.3 ----	6.4 ----
ES2821	6.3 --	6.6 --	6.4 ----	6.3 -	6.4 ----	6.2 --
LG 31219	6.6 ----	6.8 ----	6.6 ----	6.6 ---	6.4 ----	6.4 ----
LG 31207	6.5 ---	7.1 ----	6.3 ---	6.4 ---	6.3 ---	6.3 ---
KWS Damario	6.6 ----	7.0 ----	6.5 ----	6.4 ---	6.6 ----	6.4 ----
KWS Papageno	6.6 ----	7.0 ----	6.5 ----	6.6 ---	6.3 ---	6.6 ----
Amaizi CS	6.4 ---	6.5 --	6.3 ---	6.4 --	6.2 ---	6.4 ----
Landlord	6.4 ---	6.6 --	6.3 ---	6.2 -	6.3 ---	6.4 ----
ES Piccard	6.3 ---	6.6 --	6.1 ---	6.2 -	6.3 ---	6.3 ---
RH17015	6.2 -	6.4 -	6.0 ---	6.2 -	6.1 --	6.0 -
CSM 17121	6.3 --	6.6 ---	5.8 -	6.3 --	6.2 ---	6.1 --
Davos	6.5 ----	6.6 ---	6.4 ----	6.5 ----	6.4 ----	6.3 ----
Farmunox	6.4 ---	6.8 ---	6.5 ----	6.6 ---	6.1 ---	6.2 ---
SB0747	6.4 ---	6.9 ----	6.2 ---	6.5 ---	6.0 -	6.3 ---
SB1186	6.7 ----	6.9 ----	6.7 ----	6.8 ----	6.5 ----	6.5 ----
SY Calo	6.4 ---	6.9 ----	6.1 ---	6.5 ---	6.2 ---	6.4 ----
KWS Dorico	6.8 ----	7.2 ----	6.5 ----	7.1 ----	6.4 ----	6.7 ----
KXB8111	6.3 ---	6.9 ---	6.0 --	6.5 ---	6.1 ---	6.1 -
LG 30222	6.4 ---	6.9 ---	6.3 ---	6.3 --	6.4 ----	6.3 ---
DKC 2978	6.5 ---	6.9 ---	6.4 ---	6.7 ----	6.4 ----	6.2 ---
Kaprilias	6.6 ----	6.9 ----	6.3 ---	6.6 ---	6.6 ----	6.3 ---
KWS Colonnada	6.5 ---	6.9 ----	6.4 ---	6.6 ---	6.3 ---	6.3 ---
Hulk	6.6 ----	6.9 ----	6.4 ---	6.5 ---	6.7 ----	6.4 ----
SY Pandoras	6.4 ---	6.7 ---	6.2 ---	6.3 --	6.3 ---	6.2 ---
DKC 2684	6.3 --	6.7 ---	6.3 ---	6.2 -	6.2 ---	6.1 --
-Bezugsgrösse(n)	6.5 ----	6.9 ----	6.4 ----	6.5 ---	6.4 ----	6.5 ----
Versuchs-Mittel	6.5 ---	6.8 ---	6.3 ---	6.5 ---	6.3 ---	6.3 ---
VK [%]	3.0	2.6	2.7	3.3	3.6	2.9
KGD (5%)	0.1	0.3	0.3	0.3	0.4	0.3
KGD (1%)	0.2	0.4	0.4	0.5	ns	ns
Versuchs-Streuung	0.2	0.2	0.2	0.2	0.2	0.2
FG Fehlerterm	406.0	58.0	58.0	58.	58.	58.
				0	0	0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10.6	29	9.56 ***	1.50	0.0000
Anbauorte	16.4	6	71.09 ***	2.12	0.0000
WW Verf.*Anb.Orte	7.4	174	1.11 ns	1.23	
Fehler	15.6	406			
Insgesamt	50.0	615			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
SY Amboss	6.3	--	6.5	-----
LG 31211	6.3	--	6.5	-----
Spyci CS	6.6	-----	6.5	----
Karibous	6.5	----	6.7	-----
Amanova	6.5	----	6.5	-----
LG 31205	6.6	-----	6.7	-----
ES2821	6.3	--	6.1	-
LG 31219	6.5	----	6.8	-----
LG 31207	6.5	----	6.3	----
KWS Damario	6.7	-----	6.4	----
KWS Papageno	6.6	-----	6.5	-----
Amaizi CS	6.5	----	6.3	----
Landlord	6.5	----	6.4	----
ES Piccard	6.4	----	6.5	-----
RH17015	6.2	-	6.3	--
CSM 17121	6.3	--	6.5	-----
Davos	6.6	-----	6.8	-----
Farmunox	6.4	----	6.6	-----
SB0747	6.4	----	6.4	----
SB1186	6.6	-----	6.8	-----
SY Calo	6.4	----	6.4	----
KWS Dorico	6.7	-----	6.9	-----
KXB8111	6.5	----	6.3	----
LG 30222	6.4	----	6.4	----
DKC 2978	6.4	----	6.8	-----
Kaprilias	6.6	-----	6.8	-----
KWS Colonnada	6.7	-----	6.5	-----
Hulk	6.5	----	6.8	-----
SY Pandoras	6.5	-----	6.6	-----
DKC 2684	6.2	-	6.5	----
-Bezugsgrösse(n)	6.5	----	6.6	-----
Versuchs-Mittel	6.5	----	6.5	-----
VK [%]	2.7		3.4	
KGD (5%)	0.3		0.4	
KGD (1%)	ns		0.5	
Versuchs-Streuung	0.2		0.2	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
SY Amboss	6.4 --	6.8 --	6.1 ---	6.5 --	6.3 ---
LG 31211	6.5 ---	7.0 ---	6.3 ----	6.5 --	6.3 ---
Spyci CS	6.6 ----	6.9 ---	6.5 ----	6.5 --	6.6 ----
Karibous	6.8 ----	7.2 ----	6.6 ----	6.6 --	6.8 ----
Amanova	6.7 ----	7.1 ----	6.6 ----	6.6 --	6.6 ----
LG 31205	6.8 ----	7.3 ----	6.6 ----	6.9 ----	6.4 ----
ES2821	6.5 --	6.9 ---	6.5 ----	6.4 -	6.6 ----
LG 31219	6.8 ----	7.1 ----	6.8 ----	6.8 --	6.6 ----
LG 31207	6.6 ----	7.4 ----	6.4 ----	6.6 --	6.4 ----
KWS Damario	6.8 ----	7.4 ----	6.7 ----	6.6 --	6.8 ----
KWS Papageno	6.8 ----	7.3 ----	6.6 ----	6.8 --	6.4 ----
Amaizi CS	6.5 ---	6.8 --	6.4 ---	6.6 --	6.3 ---
Landlord	6.6 ---	6.9 ---	6.5 ----	6.3 -	6.4 ----
ES Piccard	6.5 ---	6.8 --	6.2 ---	6.3 -	6.5 ----
RH17015	6.3 -	6.6 -	6.1 ---	6.3 -	6.2 --
CSM 17121	6.4 --	6.9 ---	5.8 -	6.4 -	6.3 ---
Davos	6.7 ----	6.9 ---	6.5 ----	6.7 ---	6.5 ----
Farmunox	6.6 ---	7.0 ---	6.6 ----	6.8 --	6.2 --
SB0747	6.6 ---	7.2 ----	6.3 ----	6.7 ---	6.0 -
SB1186	6.9 ----	7.2 ----	6.9 ----	7.1 ----	6.7 ----
SY Calo	6.6 ---	7.2 ----	6.2 ---	6.6 --	6.2 ---
KWS Dorico	7.1 ----	7.7 ----	6.7 ----	7.5 ----	6.6 ----
KXB8111	6.5 ---	7.2 ----	6.1 --	6.6 --	6.2 --
LG 30222	6.6 ---	7.2 ----	6.4 ----	6.5 --	6.7 ----
DKC 2978	6.8 ----	7.2 ----	6.5 ----	6.9 ----	6.6 ----
Kapillias	6.8 ----	7.2 ----	6.4 ----	6.8 --	6.8 ----
KWS Colonnada	6.7 ----	7.2 ----	6.5 ----	6.9 --	6.4 ----
Hulk	6.8 ----	7.2 ----	6.5 ----	6.7 ---	6.9 ----
SY Pandoras	6.6 ---	7.0 ---	6.3 ---	6.4 -	6.4 ----
DKC 2684	6.4 --	6.9 ---	6.4 ----	6.3 -	6.3 ---
-Bezugsgrösse(n)	6.7 ----	7.2 ----	6.6 ----	6.8 --	6.5 ----
Versuchs-Mittel	6.6 ---	7.1 ---	6.4 ----	6.6 --	6.5 ----
VK [%]	3.8	3.3	3.5	4.1	4.5
KGD (5%)	0.2	0.4	0.4	0.4	0.5
KGD (1%)	0.2	0.5	0.5	0.6	ns
Versuchs-Streuung	0.3	0.2	0.2	0.3	0.3
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	18.2	29	9.90 ***	1.50	0.0000
Anbauorte	28.1	6	74.02 ***	2.12	0.0000
WW Verf.*Anb.Orte	12.5	174	1.13 ns	1.23	
Fehler	25.7	406			
Insgesamt	84.6	615			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
SY Amboss	6.3 ---	6.5 --	6.6 ----
LG 31211	6.5 ----	6.5 --	6.6 ----
Spyci CS	6.5 ----	6.9 -----	6.6 ----
Karibous	6.6 -----	6.8 -----	7.0 -----
Amanova	6.7 -----	6.7 ----	6.7 -----
LG 31205	6.7 -----	6.8 -----	6.9 -----
ES2821	6.3 --	6.4 --	6.2 -
LG 31219	6.5 ----	6.8 -----	7.0 -----
LG 31207	6.5 ----	6.7 ----	6.5 ---
KWS Damario	6.6 ----	6.9 -----	6.5 ---
KWS Papageno	6.9 -----	6.8 -----	6.7 -----
Amaizi CS	6.5 ----	6.7 ----	6.5 ---
Landlord	6.5 ----	6.8 -----	6.5 ---
ES Piccard	6.4 ---	6.5 ---	6.7 ----
RH17015	6.1 -	6.4 -	6.4 ---
CSM 17121	6.3 --	6.5 ---	6.7 ----
Davos	6.4 ----	6.8 -----	7.1 -----
Farmunox	6.4 ---	6.5 ---	6.8 -----
SB0747	6.5 ----	6.5 ---	6.7 ----
SB1186	6.7 -----	6.9 -----	7.0 -----
SY Calo	6.6 -----	6.5 ---	6.6 ----
KWS Dorico	6.9 -----	7.0 -----	7.2 -----
KXB8111	6.2 --	6.7 ----	6.5 ---
LG 30222	6.4 ---	6.6 ---	6.5 ---
DKC 2978	6.4 ---	6.6 ---	7.1 -----
Kaprilias	6.5 ----	6.8 -----	7.1 -----
KWS Colonnada	6.4 ----	6.9 -----	6.8 ----
Hulk	6.6 ----	6.6 ----	7.1 -----
SY Pandoras	6.3 ---	6.8 -----	6.8 -----
DKC 2684	6.2 --	6.3 -	6.7 ----
-Bezugsgrösse(n)	6.7 -----	6.7 ----	6.8 -----
Versuchs-Mittel	6.5 ----	6.7 ----	6.7 ----
VK [%]	3.5	3.4	4.2
KGD (5%)	0.4	0.4	0.5
KGD (1%)	0.5	ns	0.6
Versuchs-Streuung	0.2	0.2	0.3
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

3.2 Serie mittelfrüh / Série mi-précoce

3.2.1 Standortangaben / Informations des lieux

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	2019	
			Saattermin / date de semis	Erntetermin / date de récolte
1260	Nyon	430	06.05.19	09.09.19
1567	Delley	511	23.05.19	17.09.19
1725	Grangeneuve (Posieux)	654	15.05.19	14.10.19
3065	Habstetten	680	16.05.19	01.10.19
5643	Alikon	494	17.05.19	25.09.19
8046	Reckenholz	440	14.05.19	11.09.19
8193	Eglisau	395	15.05.19	17.09.19
8566	Ellighausen	503	27.05.19	04.10.19

3.2.2 Sorten / Status

Name / Nom	Synonym	Hybrid Typ	Züchter / Obteuer	Vertreter / Représentant	KM	SM
ES Albatros	ES Albatros	SC	Euralis, F	Euralis	KM11/S	SM11/S
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
P8333	X80H165	SC	Pioneer	Pioneer, Manno		SM11/e3
ES Tourmaline	ESZ6206	SC	Euralis Saaten			SM11/e2
KWS Robertino	KXB6151	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e2	SM11/e2
RH16109	RH16109	SC	RAGT 2n, F	Fenaco, Moudon		SM11/e2
ES Katamaran	ESZ7107	SC	Euralis Saaten		KM11/e1	SM11/e1
DKC 3697	ES3647	SC	Monsanto, USA	Monsanto, Morges		SM11/e1
RH17055	RH17055	SC	RAGT 2n, F	Fenaco, Moudon		SM11/e1
RH18008	RH18008	SC	RAGT 2n, F	Fenaco, Moudon		SM11/e1
Farmurmel	BPZ 6119	SC	von Moreau Saatzucht, D	Samen Steffen, Langenthal		SM11/e1
LG 31245	LZM 267/55	SC	Limagrain / Europe	Fenaco, Moudon		SM11/e1
LZM 268/39	LZM 268/39	SC	Limagrain / Europe	Fenaco, Moudon		SM11/e1
DFI47198	DFI47198		DSP, Delley	DSP, Delley		SM11/1.
MAS 16.B	MGM335117	SC	MAS Seeds			SM11/e1
GL161610	GL161610	SC	Saatzucht Gleisdorf			SM11/e1
SA1847	SA1847	SC	Syngenta, CH	Syngenta, Dielsdorf		SM11/e1
KXB8133	KXB8133	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM11/e1
KXB8206	KXB8206	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e1
DKC 3440	EM3451	SC	Monsanto, USA	Monsanto, Morges		SM11/T
LG 30215	LZM 162/51	SC	Limagrain / Europe	Fenaco, Moudon		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
LG 31237	LZM265/34	SC	Limagrain / Europe	Fenaco, Moudon		SM11/T
Gottardo KWS	KXB1157	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/S	SM11/T
Bernardino KWS	KXB6141	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/T

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

Technische Versuchangaben / données techniques / technical information										
Standort / lieu / site:	Nyon (430 m ü.M.)	Grangeneuve (650 m ü.M.)	Dolley (600 m ü.M.)	Habsstetten (620 m ü.M.)	Allion (494 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (603 m ü.M.)		
Bodenart / type de sol / soil type:	limono sableux	moyen	Moyen: 15-20% argile, pH 7.2	sandiger Lehm	schwach humoser Schlufflehm	Para-Kalkbraunerde	Humos eher leicht	-		
Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfall (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):	08.07. irrigation: 30 mm; 17.07. irrigation: 30 mm; 24.07. irrigation: 30 mm; pluviométrie : 343mm / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest): 1595.8°C	403.6 mm station Delley; 1630.8 °C (saison AgroMeteo, station Düdingen)	327.8 mm (saison AgroMeteo, station Delley); 1561.3 °C (saison AgroMeteo, station Delley, seul 6°C)	434.2 mm 1625.5 °C	406.3 mm 1646 °C	416.7 mm 1492.7 °C	384.2 mm 1581.2 °C (AgroMeteo, Station Steinmeur)	399.8 mm 1535.2 °C		
Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen / blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzelleingröße / grandeur d'une parcelle / plot size:	4reihig, mit 0.8m Weg (22.4m2 brutto), 10m2 netto	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	Semés: 17 m2 per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs Récoltés: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	15 m2 pro Parzelle brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto		
Vorfrucht / précédent cultural / previous crop:	blé d'hiver	prairie	Blé de printemps	orge / Gerste	Körnermais/Silomais + Wintergrün (Ernte Wintergrün 01.05.19; 16 Siloballen /ha)	Kunstwiese / prairie temporaire / temporary grassland	Zuckerribben	Raps / Gründüngung UFA Le plin		
Bodenbearbeitung / travail du sol / soil cultivation:	labour: 02.05.; herse rotative: 06.05.	Pflug (13.5.19) und Kreiselegge (14.5.2019) / charrue et herse rotative / plough and rotary harrow	28.11.2018: Labour 22.05.2019: Herse rotative	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Streifenfrässaat	Pflug (23.11.18), Egge (Mai) / charrue et herse / plough and harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug (Hebst) und 2 mal Kulturegge / charrue (automne) et herse rotative / plough (fall) and rotary harrow		
Saat / date de semis / sowing date:	06.05.2019	15.05.2019	23.05.2019 (jour 143)	16.05.2019	17.05.2019	14.05.2019	15.05.2019	27.05.2019		
Ernte / date de récolte / harvest date:	09.09.2019	14.10.2019	17.09.2019 (jour 260)	01.10.2019	25.09.2019	11.09.2019	17.09.2019	04.10.2019		

Technische Versuchsausgaben / données techniques / technical information										
Standort / lieu / site:	Nyon (430 m ü.M.)	Grangeneuve (650 m ü.M.)	Delley (500 m ü.M.)	Habstetten (620 m ü.M.)	Allikon (494 m ü.M.)	Zürich- Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Elighausen (503 m ü.M.)		
Saadichte / densité de semis / sowing density:	10,0 Körner / grains pro m ²	10,0 Körner / grains pro m ²	Semis: 10,8 grains / m ² , éclairci à 10 plantes/m ²	10,0 Körner / grains pro m ²	11,0 Körner / grains pro m ²	11,0 Körner / grains pro m ²	11,0 Körner / grains pro m ²	11,0 Körner / grains pro m ²		
Vegetationsdauer / durée de végétation / growing period	126 Tage / jours / days	152 Tage / jours / days	117 jours	138 Tage / jours / days	131 Tage / jours / days	120 Tage / jours / days	125 Tage / jours / days	130 Tage / jours / days		
Reihenabstand / interlignes / row distance:	75 cm	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm	75 cm		
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-	-	-	-	04.06.2019 hecken zwischen den Reihen gekoppelt mit Düngung	-	-		
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Gardo Gold 4 l/ha Banvel 4S 0,5 l/ha Elumis 1,3 l/ha (06.06.2019)	17.6.19: 1,5 l/ha Equip Power	19.06.2019: Equip Power (2,18 l/ha) + Banvel 4S (0,437 l/ha)	Elumis 1,3 l/ha + Spectrum 1,2 l/ha 4.06.19	16.04.19: Glycoat 2,0 l/ha + Checkpoint 0,2 l/ha; 01.06.2019: 1,5 l/ha Equip Power + 1,2 l/ha Spectrum + 1,0 l/ha Swiss Comp	28.06.2019: Aspect 2 l/ha, Laudis 2 l/ha, Banvel 4S 0,5 l/ha	Equip Power und Spectrum (22.06.2019)	Gardo Gold 4 l/ha, Callisto 0,75 l/ha, Banvel 4S 0,5 l/ha		
Grunddüngung / fumure de base / basic fertilisation:	02.08.18: 132 m ³ liser bovins (94 kg N/ha; 47 kg P/ha; 127 kg K/ha)	-	21.01.2019: Landor 0,20.30 (300 kg/ha)	16.04. Kali 60 % 200 kg/ha; Granuphos 17 %; 310 kg /ha	21.2.19: Schweinegülle Wintergrün (25m ³); 2.5.19: Schweinegülle 35m ³	-	PK 20-30: 100 kg P/ha, 150 kg K/ha (nach Pflügen)	Stalinst 200 dt/ha		
N-Düngung / fumure N / N fertilisation:	Nitrate ammoniacale 21,5, 60 kg N/ha; urée perliée 46 % 20,06, 60 kg N/ha	23.05.19 Nitrate 24 %, 100 kg /ha; 28.06.19: urée 46 %, 190 kg /ha	24.04.2019: Sulfamid 30,0,0 (500 kg/ha) 18.06.2019: Sulfamid 30,0,0 (100 kg/ha)	28.05. 40,5 kg N/ha ammonitrate; 14.06. 82 kg N/ha (Harnstoff)	Ammonsalpeter bei Saat 150 kg /ha; 08.06.19 Harnstoff 160 kg /ha	60 kg N/ha Mg-Ammonsalpeter 24 %, + 5% (2,5 dt/ha) (04.06.2019)	Harnstoff (46%) 161 kg N/ha	23.04.2019: Ammonsalpeter (2 kg N/ha); 17.05.2019: Harnstoff (1,8 kg N/ha)		
N-Mineralisierung zu Vegetationsbeginn / minéralisation azote au début de la saison / N mineralisation at the beginning of the vegetation period:	-	-	-	-	-	-	-	-		
Ernte / Récolte / harvest:	Baural Maishäckler / ensileuse	Baural Maishäckler / ensileuse	Ensileuse expérimentale	Baural Maishäckler / ensileuse	New Holland Versuchsmäshäckler	New Holland Versuchsmäshäckler	New Holland Versuchsmäshäckler	New Holland Versuchsmäshäckler		

3.2.4 Index / Indice

Sorte	Status	VOS	Ertrag	Reife	Jugend- entwi.	Wurzellag.		Stängelbr. Ernte	Beulen- brand	Oekon.		Agron. Index	Gesamt- index
						Veg.	Ernte			Index	Index		
LG 31245	e1	1.88	8.49	-0.53	-0.07	0.00			-1.73	10.37	-2.33	8.04	
Benedictio KWS	S	1.25	0.75	-0.82	-0.06	0.26			0.03	2.00	-0.59	1.41	
KWS Robertino	e2	1.17	-0.86	-0.73	-0.04	0.26			-0.24	0.30	-0.75	-0.45	
Severeen	S	-1.25	-0.75	0.82	0.06	-0.26			-0.03	-2.00	0.59	-1.41	
Amaroc	S	-0.57	3.58	2.69	-0.05	0.00			-0.14	-4.14	2.50	-1.64	
LZM 268139	e1	-4.12	4.11	-2.12	0.03	-0.52			-0.20	0.00	-2.80	-2.81	
LG 31237	T	-1.03	-1.87	0.48	-0.09	0.13			-1.34	-2.90	-0.82	-3.72	
Bernardino KWS	T	-2.43	-0.96	-0.66	-0.05	-0.65			0.09	-3.39	-1.27	-4.66	
KXB8133	e1	-1.22	-2.75	0.22	0.21	0.13			-1.27	-3.96	-0.71	-4.68	
SY Telias	S	4.28	-6.97	-1.51	0.01	0.00			-1.57	-2.68	-3.07	-5.75	
SA1847	e1	-3.23	0.38	-3.01	0.04	-0.26			-0.42	-2.85	-3.65	-6.50	
LG 30248	S	-1.30	-3.89	-0.89	-0.02	0.26			-0.79	-5.19	-1.44	-6.63	
Farmurmel	e1	1.63	-6.04	-1.58	-0.19	-0.65			-0.23	-4.41	-2.66	-7.07	
KXB8206	e1	-1.88	-3.26	-1.03	-0.22	-1.04			0.04	-5.14	-2.25	-7.39	
RH18008	e1	-1.48	-3.60	-1.53	-0.02	0.00			-0.80	-5.08	-2.35	-7.43	
SY Talisman	T	-1.42	-6.62	1.54	-0.04	-0.65			-0.31	-8.04	0.54	-7.50	
ES Albatros	S	-2.57	-3.08	-2.35	0.10	0.26			0.08	-5.65	-1.91	-7.56	
DKC 3697	e1	-1.43	-2.19	-3.10	0.03	0.26			-1.61	-3.62	-4.42	-8.04	
MAS 16.B	e1	-4.08	-3.57	-0.85	0.17	0.13			0.12	-7.65	-0.43	-8.08	
LG 31259	T	-7.07	-0.48	-0.29	0.22	0.26			-0.75	-7.55	-0.56	-8.11	
ES Tourmaline	e2	-0.40	-2.08	-2.72	0.04	0.00			-3.68	-2.48	-6.37	-8.84	
GL161610	e1	1.62	-6.26	-4.44	0.29	0.00			-0.19	-4.65	-4.33	-8.98	
RH16109	e2	1.20	-5.10	-2.71	0.15	-2.34			-0.32	-3.90	-5.23	-9.13	
RH17055	e1	-0.43	-6.82	-1.79	-0.08	0.26			-0.67	-7.26	-2.28	-9.54	
P8333	e3	-2.48	-1.12	-3.81	-0.38	-1.04			-1.03	-3.60	-6.27	-9.87	
ES Katamaran	e1	6.02	-11.40	-4.90	-0.29	0.26			0.25	-5.39	-4.68	-10.07	
DFI47198	1	-0.87	-11.37	1.06	0.25	0.26			-0.41	-12.24	1.17	-11.07	
Gottardo KWS	T	-3.77	-7.87	0.86	0.01	0.26			-0.67	-11.64	0.46	-11.18	
LG 30215	T	-2.80	-10.93	0.17	0.29	-0.26			-0.39	-13.73	-0.19	-13.92	
DKC 3440	T	-4.68	-11.14	1.46	-0.25	0.00			-0.01	-15.83	1.20	-14.63	
Bezugsgrößen		0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	
Anz. Beob.		24	24	24	21	3			24				
Anz. Orte		8	8	8	7	1			8				
Gewichtung		0.40	0.50	1.25	0.50	0.25			0.25				

3.2.5 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- ent- wicklg. Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Green snap Note	Green snap %	Wurzel- lager Veg. Note	Wurzel- lager Veg. %
ES Albatros	3.8	70.2	69.5	260.3	126.0	48.6	1.0	0.0	1.0	0.0
LG 30248	4.0	69.6	67.9	239.0	111.7	46.8	1.0	0.0	1.0	0.0
Benedictio KWS	4.1	70.3	69.4	261.3	128.0	49.2	1.0	0.0	1.0	0.0
SY Telias	4.0	70.4	68.9	232.7	119.7	51.6	1.0	0.0	1.7	8.3
Severeen	3.9	69.2	68.2	269.0	128.0	47.7	1.3	4.2	2.3	16.7
Amaroc	4.1	71.1	69.3	255.3	125.7	49.3	1.0	0.0	1.7	8.3
P8333	4.9	72.8	71.9	262.7	130.3	49.9	1.0	0.0	4.3	41.7
ES Tourmaline	3.9	69.1	68.6	270.7	120.7	44.8	1.0	0.0	1.7	8.3
KWS Robertino	4.1	69.9	69.2	262.0	121.3	46.5	1.0	0.0	1.0	0.0
RH16109	3.7	70.0	68.3	253.3	115.3	45.7	1.0	0.0	7.7	83.3
ES Katamaran	4.7	72.1	70.4	244.3	117.7	48.3	1.0	0.0	1.0	0.0
DKC 3697	3.9	71.8	70.3	261.0	129.3	49.6	1.0	0.0	1.0	0.0
RH17055	4.2	71.4	69.3	257.7	123.7	48.1	1.0	0.0	1.0	0.0
RH18008	4.0	69.7	69.0	271.3	129.7	47.8	1.3	4.2	1.7	8.3
Farmurmel	4.4	70.9	69.1	260.7	115.0	44.2	1.0	0.0	3.3	29.2
LG 31245	4.2	70.1	69.2	271.0	128.7	47.5	1.3	4.2	1.7	8.3
LZM 268/39	3.9	70.9	69.3	277.7	131.7	47.5	1.0	0.0	3.0	25.0
DFI47198	3.4	69.5	67.3	250.7	111.0	44.3	1.0	0.0	1.0	0.0
MAS 16.B	3.6	70.0	68.5	247.0	118.7	48.2	1.0	0.0	1.3	4.2
GL161610	3.3	68.7	67.0	254.7	114.3	44.9	1.0	0.0	1.7	8.3
SA1847	3.9	70.6	68.8	250.3	117.0	46.8	1.0	0.0	2.3	16.7
KXB8133	3.5	70.0	68.7	250.0	126.5	51.1	1.0	0.0	1.3	4.2
KXB8206	4.5	70.9	69.9	261.0	131.3	50.5	2.7	20.8	4.3	41.7
DKC 3440	4.6	69.3	68.3	236.7	105.7	44.9	1.0	0.0	1.7	8.3
LG 30215	3.3	68.8	67.3	251.7	114.0	45.5	1.0	0.0	2.3	16.7
SY Talisman	4.1	69.2	68.1	249.0	114.5	46.2	1.0	0.0	3.3	29.2
LG 31259	3.5	68.9	68.3	278.3	137.3	49.4	1.3	4.2	1.0	0.0
LG 31237	4.2	69.4	68.8	270.7	121.3	45.0	1.0	0.0	1.3	4.2
Gottardo KWS	4.0	68.6	67.4	249.0	114.7	46.1	1.0	0.0	1.0	0.0
Bernardino KWS	4.1	70.1	69.4	260.0	122.3	47.3	1.0	0.0	3.3	29.2
-Bezugsgrösse(n)	4.0	69.7	68.8	265.2	128.0	48.4	1.2	2.1	1.7	8.3
Versuchs-Mittel	4.0	70.1	68.8	257.3	121.7	47.4	1.1	1.3	2.1	13.3
VK [%]	14.4	1.1	1.1	4.4	6.8	6.7	21.6	237.3	50.6	98.0
KGD (5%)	0.3	0.5	0.6	8.1	6.0	2.3	0.4	4.8	1.7	21.4
KGD (1%)	0.5	0.7	0.8	10.7	7.8	3.0	0.5	6.5	2.3	28.4
Versuchs-Streuung	0.6	0.8	0.7	11.3	8.3	3.2	0.2	3.0	1.0	13.1
FG Fehlerterm	406.0	348.0	232.0	290.0	290.0	290.0	58.0	58.0	58.0	58.0
Anz. Beob.	21.0	18.0	12.0	15.0	15.0	15.0	3.0	3.0	3.0	3.0
Anz. Orte	7.0	6.0	4.0	5.0	5.0	5.0	1.0	1.0	1.0	1.0
Minimum	3.3	68.6	67.0	232.7	105.7	44.2	1.0	0.0	1.0	0.0
Maximum	4.9	72.8	71.9	278.3	137.3	51.6	2.7	20.8	7.7	83.3

Sorten Bezeichnung	Beulen- brand Note	Beulen- brand %	«Blitz- fusarien» Note	Mais- zünsler %	allg. Ein- druck Note	Effekt. Best. dichte Pfl./m2	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	Feuchtig- keit NIRS % TS
ES Albatros	1.0	1.2	1.5	1.9	4.7	9.3	633.8	224.9	35.5	34.1
LG 30248	1.3	4.7	1.3	2.5	3.3	9.0	610.8	223.3	36.7	36.7
Benedictio KWS	1.0	1.4	1.7	1.9	4.0	9.6	634.7	232.6	36.8	34.7
SY Telias	1.3	7.8	1.9	1.9	5.0	9.5	602.0	217.2	36.2	34.5
Severeen	1.0	1.7	2.0	1.6	4.3	9.4	603.4	229.6	38.1	34.4
Amaroc	1.0	2.1	4.7	2.2	4.7	9.6	568.5	223.9	39.6	38.9
P8333	1.0	5.6	1.6	1.2	5.3	9.0	667.3	228.9	34.3	32.9
ES Tourmaline	1.3	16.2	1.2	1.8	3.0	9.5	645.4	226.9	35.2	35.0
KWS Robertino	1.0	2.5	1.8	1.3	4.0	9.6	623.7	229.4	36.8	34.3
RH16109	1.0	2.8	1.4	1.1	7.7	9.5	627.3	220.9	35.2	34.5
ES Katamaran	1.0	0.5	1.2	1.4	2.0	9.6	623.8	208.3	33.5	30.5
DKC 3697	1.0	7.9	2.3	1.5	3.3	9.5	651.4	226.7	34.9	33.2
RH17055	1.0	4.2	1.9	1.4	4.3	9.4	607.1	217.5	36.0	35.0
RH18008	1.7	4.7	1.3	2.0	5.3	9.0	619.7	223.9	36.2	35.7
Farmurmel	1.0	2.4	2.2	0.7	5.3	9.3	605.9	219.0	36.1	34.2
LG 31245	1.0	8.4	1.8	1.7	4.3	8.6	671.2	248.1	37.0	35.0
LZM 268/39	1.7	2.3	2.5	0.7	4.3	9.5	671.4	239.3	35.7	33.2
DFI47198	1.0	3.1	2.8	2.9	3.3	9.5	546.1	208.4	38.3	37.3
MAS 16.B	1.0	1.0	1.8	2.9	3.7	9.2	612.0	224.0	36.7	34.1
GL161610	1.0	2.2	1.3	2.0	5.0	9.3	645.8	218.6	33.8	32.2
SA1847	1.0	3.2	2.0	2.1	4.0	9.5	664.1	231.9	35.0	31.7
KXB8133	1.0	6.6	2.3	2.0	3.0	9.8	603.9	225.6	37.6	36.4
KXB8206	1.0	1.3	1.5	2.0	6.0	9.4	614.7	224.6	36.6	34.2
DKC 3440	1.0	1.6	4.9	2.0	3.0	9.4	545.2	208.8	38.6	38.2
LG 30215	1.0	3.1	1.9	1.5	4.3	9.0	559.1	209.2	37.5	36.1
SY Talisman	1.0	2.7	2.4	1.7	4.3	9.5	566.2	217.9	38.6	36.0
LG 31259	1.0	4.5	2.3	2.3	3.3	9.2	624.1	230.1	37.2	35.5
LG 31237	2.0	6.9	1.5	1.7	3.7	9.6	603.8	227.4	37.8	36.8
Gottardo KWS	1.0	4.2	1.6	1.9	3.7	9.3	567.5	215.4	38.1	35.1
Bernardino KWS	1.0	1.1	2.2	2.0	4.7	9.5	622.6	229.2	36.9	35.1
-Bezugsgrösse(n)	1.0	1.5	1.8	1.8	4.2	9.5	619.0	231.1	37.4	34.6
Versuchs-Mittel	1.1	3.9	2.0	1.8	4.2	9.4	614.7	223.7	36.5	34.9
VK [%]	38.6	103.9	32.3	91.7	22.8	5.5	6.9	6.9	3.4	2.8
KGD (5%)		2.3	0.7		1.6	0.3	24.2	8.7	0.7	1.6
KGD (1%)		3.0	1.0		2.1	0.4	31.8	11.5	0.9	2.1
Versuchs-Streuung	0.4	4.1	0.7	1.6	1.0	0.5	42.6	15.3	1.2	1.0
FG Fehlerterm	58.0	464.0	116.0	174.0	58.0	464.0	464.0	464.0	464.0	58.0
Anz. Beob.	3.0	24.0	6.0	9.0	3.0	24.0	24.0	24.0	24.0	3.0
Anz. Orte	1.0	8.0	2.0	3.0	1.0	8.0	8.0	8.0	8.0	1.0
Minimum	1.0	0.5	1.2	0.7	2.0	8.6	545.2	208.3	33.5	30.5
Maximum	2.0	16.2	4.9	2.9	7.7	9.8	671.4	248.1	39.6	38.9

Sorten Bezeichnung	VOS- Ertrag	Stärke- Ertrag	VOS Gehalt NIR	Stärke Gehalt NIR	Rohfaser Gehalt NIR	NDF Gehalt NIR	Rohprot. Gehalt NIR	NEL Gehalt MJ/kg TS	NEV Gehalt MJ/kg TS
	dt/ha	dt/ha	g/kg TS	g/kg TS	g/kg TS	g/kg TS	g/kg TS		
ES Albatros	157.0	80.9	697.6	359.1	156.9	359.2	67.7	6.3	6.5
LG 30248	156.4	78.9	700.8	354.6	154.5	361.3	65.1	6.4	6.5
Benedictio KWS	164.2	86.3	707.1	372.5	149.0	344.0	63.2	6.4	6.6
SY Telias	155.0	86.7	714.7	399.0	143.3	335.9	65.3	6.5	6.7
Severeen	161.0	86.3	700.9	376.2	151.4	352.1	65.0	6.4	6.5
Amaroc	157.2	84.7	702.6	380.3	152.6	354.5	61.1	6.4	6.5
P8333	160.0	82.1	697.8	358.5	162.1	368.5	66.1	6.3	6.5
ES Tourmaline	159.9	84.1	703.0	369.9	149.8	346.8	67.8	6.4	6.5
KWS Robertino	162.0	87.4	706.9	382.6	149.0	344.7	64.9	6.4	6.6
RH16109	156.1	78.8	707.0	356.5	153.0	360.5	65.5	6.4	6.6
ES Katamaran	149.7	80.2	719.0	384.7	152.3	345.8	64.2	6.5	6.8
DKC 3697	158.6	80.4	700.4	356.5	157.3	363.1	62.4	6.4	6.5
RH17055	152.7	80.3	702.9	370.1	156.0	357.2	63.5	6.4	6.5
RH18008	156.7	82.1	700.3	366.7	159.4	368.3	64.9	6.4	6.5
Farmurmel	154.9	83.6	708.1	381.8	150.3	345.3	64.6	6.4	6.6
LG 31245	175.9	90.6	708.7	366.3	153.6	354.1	64.5	6.4	6.6
LZM 268/39	166.0	88.7	693.7	370.5	155.7	357.6	64.0	6.3	6.4
DFI47198	146.1	78.0	701.8	375.1	152.4	356.2	67.8	6.4	6.5
MAS 16.B	155.3	81.1	693.8	362.3	156.0	364.2	67.1	6.3	6.4
GL161610	154.9	82.8	708.0	377.8	152.0	348.0	66.8	6.4	6.6
SA1847	161.2	83.1	695.9	358.0	155.9	362.1	65.0	6.3	6.4
KXB8133	158.1	84.3	701.0	375.4	152.8	350.5	63.3	6.4	6.5
KXB8206	157.0	83.3	699.3	371.3	154.5	355.1	67.3	6.3	6.5
DKC 3440	144.5	78.0	692.3	373.8	154.4	361.0	62.1	6.3	6.4
LG 30215	145.9	82.1	697.0	392.5	147.1	343.8	69.3	6.3	6.5
SY Talisman	152.4	82.7	700.5	380.3	151.5	359.0	62.6	6.3	6.5
LG 31259	157.9	81.4	686.3	355.0	157.3	369.2	64.0	6.2	6.3
LG 31237	159.4	84.4	701.4	372.6	148.7	352.6	67.1	6.4	6.5
Gottardo KWS	149.5	80.7	694.6	375.6	154.8	360.5	62.7	6.3	6.4
Bernardino KWS	160.1	85.6	697.9	373.8	152.2	352.8	63.1	6.3	6.5
-Bezugsgrösse(n)	162.6	86.3	704.0	374.3	150.2	348.0	64.1	6.4	6.6
Versuchs-Mittel	156.9	83.0	701.4	371.6	153.2	355.1	64.9	6.4	6.5
VK [%]	7.4	9.9	2.4	5.9	5.6	4.9	4.5	2.9	3.7
KGD (5%)	6.6	4.6	9.4	12.3	4.8	10.0	1.7	0.1	0.1
KGD (1%)	8.7	6.1	12.4	16.2	6.4	13.1	2.2	0.1	0.2
Versuchs-Streuung	11.7	8.2	16.6	21.8	8.5	17.6	3.0	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	144.5	78.0	686.3	354.6	143.3	335.9	61.1	6.2	6.3
Maximum	175.9	90.6	719.0	399.0	162.1	369.2	69.3	6.5	6.8

3.2.6 Details / Détails

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	3.8 ---	5.0 -----	3.7 ----	4.3 --	4.0 -
LG 30248	4.0 ----	4.3 ---	3.3 ----	5.0 -----	5.0 ----
Benedictio KWS	4.1 -----	5.0 -----	4.3 -----	5.3 -----	5.0 -----
SY Telias	4.0 ----	4.3 ---	4.0 ----	5.0 ----	4.3 --
Severeen	3.9 ---	4.7 -----	3.7 ----	4.7 ---	4.3 --
Amaroc	4.1 ----	4.7 ----	4.7 -----	5.0 ----	5.0 ----
P8333	4.9 -----	5.7 -----	5.3 -----	5.3 -----	5.7 -----
ES Tourmaline	3.9 ---	4.3 ---	4.7 ----	4.3 --	4.3 --
KWS Robertino	4.1 ----	5.0 ----	4.0 ----	5.0 ----	5.7 -----
RH16109	3.7 --	4.7 ----	3.0 ---	4.7 ---	4.0 -
ES Katamaran	4.7 -----	5.0 ----	4.3 ----	5.7 -----	5.7 -----
DKC 3697	3.9 ---	4.7 ----	3.3 ---	5.0 ----	4.7 ---
RH17055	4.2 ----	5.0 ----	4.0 ----	5.0 ----	4.7 ---
RH18008	4.0 ----	5.3 -----	4.3 ----	4.7 ---	4.3 --
Farmurmel	4.4 -----	5.0 ----	4.7 ----	5.0 ----	4.7 ---
LG 31245	4.2 ----	5.3 -----	4.3 ----	5.0 ----	4.7 ---
LZM 268/39	3.9 ---	4.7 ----	4.0 ----	4.7 ---	4.7 ---
DFI47198	3.4 -	4.0 --	3.0 ---	4.7 ---	4.0 -
MAS 16.B	3.6 --	4.3 ---	3.7 ---	5.0 ----	4.0 -
GL161610	3.3 -	4.3 ---	3.0 ---	4.0 -	4.0 -
SA1847	3.9 ---	4.3 ---	4.3 ----	5.0 ----	4.3 --
KXB8133	3.5 --	4.0 --	3.3 ----	4.3 --	4.3 --
KXB8206	4.5 -----	5.0 ----	5.7 -----	5.0 ----	5.0 ----
DKC 3440	4.6 -----	5.7 -----	4.0 ----	6.0 -----	5.7 -----
LG 30215	3.3 -	3.7 -	2.0 -	5.0 ----	4.3 --
SY Talisman	4.1 ----	5.0 ----	4.0 ----	5.0 ----	5.0 ----
LG 31259	3.5 -	3.7 -	3.0 ---	5.0 ----	4.3 --
LG 31237	4.2 ----	5.0 ----	3.7 ---	5.0 ----	4.7 ---
Gottardo KWS	4.0 ---	5.3 -----	4.0 ----	5.0 ----	4.7 ---
Bernardino KWS	4.1 ----	5.3 -----	3.7 ----	5.3 -----	4.3 --
-Bezugsgrösse(n)	4.0 ---	4.8 -----	4.0 ----	5.0 ----	4.7 ---
Versuchs-Mittel	4.0 ---	4.7 ----	3.9 ----	4.9 ---	4.6 ---
VK [%]	14.4	12.4	18.9	7.0	10.6
KGD (5%)	0.3	1.0	1.2	0.6	0.8
KGD (1%)	0.5	1.3	1.6	0.8	1.1
Versuchs-Streuung	0.6	0.6	0.7	0.3	0.5
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	87.5	29	9.17 ***	1.50	0.0000
Anbauorte	327.2	6	165.66 ***	2.12	0.0000
WW Verf.*Anb.Orte	72.5	174	1.27 ns	1.23	
Fehler	133.6	406			
Insgesamt	620.9	615			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	5643 Alikon AG	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	3.5 ----	2.3 --	3.5 ----
LG 30248	3.7 -----	3.3 -----	3.7 -----
Benedictio KWS	3.2 --	2.7 ---	3.3 ----
SY Telias	4.0 -----	3.0 ----	3.2 --
Severeen	3.0 -	3.3 -----	3.3 ----
Amaroc	3.5 ----	3.0 ----	3.0 --
P8333	4.3 -----	4.0 -----	3.7 -----
ES Tourmaline	3.3 ---	3.3 -----	3.0 --
KWS Robertino	3.0 -	2.8 ---	3.2 ---
RH16109	3.5 ----	3.0 ----	2.8 -
ES Katamaran	4.0 -----	4.0 -----	4.0 -----
DKC 3697	3.2 --	3.3 -----	3.3 ----
RH17055	3.7 -----	3.0 ----	4.0 -----
RH18008	3.5 ----	2.5 --	3.7 -----
Farmurmel	3.7 -----	4.3 -----	3.7 -----
LG 31245	3.0 -	3.2 ----	3.7 -----
LZM 268/39	3.0 -	3.2 ----	3.3 ----
DFI47198	3.0 -	2.3 --	3.0 --
MAS 16.B	3.0 -	2.3 --	3.0 --
GL161610	3.0 -	2.0 -	3.0 --
SA1847	3.3 ---	3.0 ----	3.0 --
KXB8133	3.0 -	2.7 ---	3.0 --
KXB8206	4.0 -----	3.3 ----	3.5 ----
DKC 3440	3.7 -----	3.3 ----	3.7 -----
LG 30215	3.0 -	2.2 -	3.2 ---
SY Talisman	3.5 ----	2.8 ---	3.3 ----
LG 31259	3.2 --	2.3 --	3.0 --
LG 31237	4.2 -----	3.3 ----	3.7 -----
Gottardo KWS	2.8 -	2.7 ---	3.3 ----
Bernardino KWS	3.8 -----	3.3 ----	3.0 --
-Bezugsgrösse(n)	3.1 --	3.0 ----	3.3 ----
Versuchs-Mittel	3.4 ----	3.0 ----	3.3 ----
VK [%]	18.7	21.8	13.8
KGD (5%)	ns	1.1	ns
KGD (1%)	ns	1.4	ns
Versuchs-Streuung	0.6	0.7	0.5
FG Fehlerterm	58.0	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	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
ES Albatros	70.2 ----	76.0 -----	70.7 ---	71.3 -	71.3 -----
LG 30248	69.6 --	73.7 ---	71.0 ----	71.3 -	70.0 --
Benedictio KWS	70.3 ----	75.7 -----	72.3 -----	72.7 ---	70.3 ---
SY Telias	70.4 ----	75.0 ----	72.0 ----	72.3 ---	70.7 ----
Severeen	69.2 --	73.0 --	70.0 --	71.7 --	70.0 --
Amaroc	71.1 ----	74.7 ----	73.3 -----	74.0 ----	71.3 -----
P8333	72.8 -----	77.7 -----	73.7 -----	76.0 -----	71.7 -----
ES Tourmaline	69.1 --	72.7 --	70.3 ---	71.3 -	70.0 --
KWS Robertino	69.9 ---	74.0 ---	72.0 ----	72.3 ---	70.7 ----
RH16109	70.0 ---	73.0 --	71.0 ----	72.3 ---	71.0 ----
ES Katamaran	72.1 -----	77.0 -----	73.3 -----	74.3 -----	71.3 -----
DKC 3697	71.8 -----	76.0 ----	72.3 ----	75.0 -----	71.7 -----
RH17055	71.4 ----	74.3 ---	73.7 -----	73.7 ----	71.3 ----
RH18008	69.7 ---	74.0 ---	71.0 ----	71.7 --	70.0 --
Farmurmel	70.9 ----	74.3 ---	72.3 ----	73.3 ---	71.0 ----
LG 31245	70.1 ---	75.7 -----	70.3 ---	72.0 --	70.3 ---
LZM 268/39	70.9 ----	74.3 ---	72.7 -----	73.3 ----	70.7 ----
DFI47198	69.5 --	72.7 --	71.3 ----	71.7 --	70.7 ----
MAS 16.B	70.0 ---	75.0 ----	71.0 ----	72.7 ---	70.0 --
GL161610	68.7 -	72.0 -	70.7 ---	71.7 --	70.3 ---
SA1847	70.6 ----	73.7 ---	72.7 -----	72.0 --	71.0 ----
KXB8133	70.0 ---	74.7 ----	71.3 ----	72.0 --	70.7 ----
KXB8206	70.9 ----	76.0 ----	71.0 ----	74.0 ----	70.7 ----
DKC 3440	69.3 --	72.7 --	70.7 ---	71.3 -	70.0 --
LG 30215	68.8 -	71.7 -	70.0 --	71.7 --	70.3 ---
SY Talisman	69.2 --	72.3 -	70.3 ---	71.3 -	70.0 --
LG 31259	68.9 -	72.7 --	69.0 -	71.0 -	70.3 ---
LG 31237	69.4 --	74.0 ----	70.7 ---	71.0 -	69.7 -
Gottardo KWS	68.6 -	72.0 -	69.0 -	71.3 -	70.0 --
Bernardino KWS	70.1 ----	74.7 ----	73.0 -----	71.3 -	70.3 ---
-Bezugsgrösse(n)	69.7 ---	74.3 ----	71.2 ----	72.2 --	70.2 ---
Versuchs-Mittel	70.1 ----	74.2 ----	71.4 -----	72.4 ---	70.6 ----
VK [%]	1.1	1.4	1.6	1.1	0.7
KGD (5%)	0.5	1.7	1.8	1.3	0.8
KGD (1%)	0.7	2.2	2.5	1.7	1.0
Versuchs-Streuung	0.8	1.0	1.1	0.8	0.5
FG Fehlerterm	348.0	58.0	58.0	58.0	58.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	567.6	29	31.79 ***	1.50	0.0000
Anbauorte	7850.5	5	2550.32 ***	2.24	0.0000
WW Verf.*Anb.Orte	206.3	145	2.31 ***	1.25	0.0002
Fehler	214.2	348			
Insgesamt	8838.6	527			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
ES Albatros	69.7	---	62.0	----
LG 30248	69.7	---	61.7	----
Benedictio KWS	69.3	---	61.3	---
SY Telias	70.3	----	62.3	----
Severeen	69.0	--	61.3	---
Amaroc	70.7	----	62.7	----
P8333	73.0	-----	65.0	-----
ES Tourmaline	69.0	--	61.3	---
KWS Robertino	69.3	---	61.3	---
RH16109	70.0	----	62.7	----
ES Katamaran	72.3	-----	64.3	-----
DKC 3697	71.7	----	64.0	----
RH17055	71.0	----	64.3	-----
RH18008	69.3	---	62.3	---
Farmurmel	71.3	----	63.0	----
LG 31245	70.3	----	61.7	----
LZM 268/39	72.0	-----	62.7	----
DFI47198	69.3	---	61.3	---
MAS 16.B	69.3	---	62.0	----
GL161610	68.0	-	59.3	-
SA1847	71.0	----	63.0	-----
KXB8133	69.7	---	61.7	----
KXB8206	71.0	----	63.0	-----
DKC 3440	69.7	---	61.7	----
LG 30215	68.3	-	60.7	--
SY Talisman	69.0	--	62.0	----
LG 31259	69.3	---	61.3	---
LG 31237	69.3	---	62.0	----
Gottardo KWS	68.7	--	60.3	--
Bernardino KWS	69.7	---	61.7	----
-Bezugsgrösse(n)	69.2	--	61.3	---
Versuchs-Mittel	70.0	----	62.1	----
VK [%]	0.8		0.8	
KGD (5%)	0.9		0.8	
KGD (1%)	1.2		1.1	
Versuchs-Streuung	0.6		0.5	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	69.5 ----	75.0 -----	70.7 ----	69.0 ---	63.3 ----
LG 30248	67.9 --	71.7 --	70.0 ---	68.7 --	61.3 ---
Benedictio KWS	69.4 ----	75.3 -----	70.0 ---	69.7 ----	62.7 ----
SY Telias	68.9 ---	73.3 ---	71.0 -----	69.3 ---	62.0 ---
Severeen	68.2 --	72.3 --	70.0 ---	69.0 ---	61.3 ---
Amaroc	69.3 ---	74.0 -----	70.7 ----	69.3 ---	63.3 ----
P8333	71.9 -----	76.7 -----	72.0 -----	73.0 -----	66.0 -----
ES Tourmaline	68.6 ---	73.3 ---	69.7 --	69.0 ---	62.3 ---
KWS Robertino	69.2 ---	74.3 ----	70.7 ----	69.0 ---	62.7 ----
RH16109	68.3 ---	71.7 --	70.0 ---	69.0 ---	62.3 ----
ES Katamaran	70.4 -----	75.3 -----	71.3 -----	71.0 -----	64.0 -----
DKC 3697	70.3 -----	74.3 ----	71.7 -----	71.0 -----	64.3 -----
RH17055	69.3 ---	73.3 ---	71.0 -----	69.3 ---	63.3 ----
RH18008	69.0 ---	74.7 ----	69.7 --	69.0 ---	62.7 ----
Farmurmel	69.1 ---	73.3 ---	70.3 ---	70.3 ----	62.3 ----
LG 31245	69.2 ---	74.3 ----	70.3 ---	69.7 ---	62.3 ----
LZM 268/39	69.3 ---	73.7 ---	70.3 ---	71.0 -----	62.3 ----
DFI47198	67.3 -	71.7 --	70.0 ---	68.3 --	59.3 -
MAS 16.B	68.5 ---	74.0 ----	69.3 -	69.0 ---	61.7 ---
GL161610	67.0 -	71.0 -	69.7 --	67.3 -	60.0 -
SA1847	68.8 ---	72.3 --	71.0 -----	69.3 ---	62.3 ----
KXB8133	68.7 ---	73.7 ----	70.0 ---	69.0 ---	62.0 ----
KXB8206	69.9 ----	74.7 ----	71.0 -----	70.3 ----	63.7 ----
DKC 3440	68.3 ---	72.3 --	70.0 ---	69.0 ---	62.0 ----
LG 30215	67.3 -	71.0 -	69.7 --	67.7 -	60.7 --
SY Talisman	68.1 --	71.7 --	70.0 ---	68.7 --	62.0 ----
LG 31259	68.3 ---	71.7 --	70.3 ----	69.3 ---	61.7 ---
LG 31237	68.8 ---	73.0 ---	70.3 ----	69.3 ---	62.3 ----
Gottardo KWS	67.4 -	71.3 -	69.7 --	68.3 --	60.3 --
Bernardino KWS	69.4 ----	74.7 -----	70.7 ----	69.3 ---	63.0 ----
-Bezugsgrösse(n)	68.8 ----	73.8 -----	70.0 ---	69.3 ---	62.0 ----
Versuchs-Mittel	68.8 ----	73.3 ----	70.4 ----	69.4 ---	62.3 ----
VK [%]	1.1	1.3	0.8	0.7	1.2
KGD (5%)	0.6	1.6	0.9	0.8	1.2
KGD (1%)	0.8	2.1	1.2	1.1	1.6
Versuchs-Streuung	0.7	1.0	0.6	0.5	0.7
FG Fehlerterm	232.0	58.0	58.0	58.0	58.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	368.0	29	24.25 ***	1.52	0.0000
Anbauorte	5867.2	3	3737.50 ***	2.64	0.0000
WW Verf.*Anb.Orte	112.0	87	2.46 ***	1.33	0.0002
Fehler	121.4	232			
Insgesamt	6468.7	351			

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenh. ZH	8566 Ellighausen
ES Albatros	260.3	230.0	256.7	271.7	283.3	260.0
LG 30248	239.0	221.7	233.3	230.0	260.0	250.0
Benedictio KWS	261.3	231.7	251.7	275.0	285.0	263.3
SY Telias	232.7	210.0	225.0	235.0	256.7	236.7
Severeen	269.0	238.3	266.7	283.3	296.7	260.0
Amaroc	255.3	238.3	251.7	266.7	266.7	253.3
P8333	262.7	225.0	260.0	278.3	283.3	266.7
ES Tourmaline	270.7	231.7	275.0	290.0	290.0	266.7
KWS Robertino	262.0	238.3	250.0	278.3	286.7	256.7
RH16109	253.3	225.0	255.0	266.7	273.3	246.7
ES Katamaran	244.3	218.3	240.0	250.0	273.3	240.0
DKC 3697	261.0	230.0	250.0	290.0	271.7	263.3
RH17055	257.7	228.3	255.0	270.0	281.7	253.3
RH18008	271.3	255.0	273.3	271.7	280.0	276.7
Farmurmel	260.7	240.0	255.0	258.3	286.7	263.3
LG 31245	271.0	256.7	261.7	291.7	281.7	263.3
LZM 268/39	277.7	260.0	261.7	300.0	293.3	273.3
DFI47198	250.7	220.0	258.3	255.0	266.7	253.3
MAS 16.B	247.0	221.7	246.7	256.7	260.0	250.0
GL161610	254.7	233.3	255.0	263.3	268.3	253.3
SA1847	250.3	230.0	246.7	261.7	270.0	243.3
KXB8133	250.0	215.0	248.3	263.3	270.0	253.3
KXB8206	261.0	246.7	246.7	261.7	290.0	260.0
DKC 3440	236.7	211.7	228.3	250.0	263.3	230.0
LG 30215	251.7	218.3	255.0	266.7	265.0	253.3
SY Talisman	249.0	223.3	245.0	256.7	276.7	243.3
LG 31259	278.3	245.0	276.7	303.3	286.7	280.0
LG 31237	270.7	266.7	255.0	281.7	286.7	263.3
Gottardo KWS	249.0	230.0	241.7	260.0	270.0	243.3
Bernardino	260.0	238.3	251.7	266.7	283.3	260.0
KWS						
Bezugs- grösse(n)	265.2	235.0	259.2	279.2	290.8	261.7
Versuchs-Mittel	257.3	232.6	252.6	268.4	276.9	256.0
VK [%]	4.4	6.3	3.6	4.3	4.4	3.0
KGD (5%)	8.1	23.8	14.8	19.1	19.7	12.7
KGD (1%)	10.7	31.6	19.7	25.3	26.3	16.9
Versuchs- Streuung	11.3	14.6	9.1	11.7	12.1	7.8
FG Fehlerterm	290.0	58.0	58.0	58.0	58.0	58.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	57631.2	29	15.63 ***	1.51	0.0000
Anbauorte	102749.8	4	202.01 ***	2.40	0.0000
WW Verf.*Anb.Orte	19546.9	116	1.33 ns	1.28	
Fehler	36876.1	290			
Insgesamt	216803.9	439			

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz	8566 Ellighausen
ES Albatros	126.0	120.0	121.7	125.0	130.0	133.3
LG 30248	111.7	95.0	118.3	118.3	110.0	116.7
Benedictio KWS	128.0	111.7	125.0	133.3	133.3	136.7
SY Telias	119.7	108.3	121.7	123.3	118.3	126.7
Severeen	128.0	111.7	130.0	133.3	135.0	130.0
Amaroc	125.7	125.0	125.0	120.0	126.7	131.7
P8333	130.3	126.7	123.3	133.3	128.3	140.0
ES Tourmaline	120.7	101.7	126.7	116.7	120.0	138.3
KWS Robertino	121.3	113.3	116.7	120.0	130.0	126.7
RH16109	115.3	101.7	120.0	113.3	116.7	125.0
ES Katamaran	117.7	106.7	116.7	116.7	121.7	126.7
DKC 3697	129.3	116.7	126.7	145.0	123.3	135.0
RH17055	123.7	115.0	120.0	131.7	125.0	126.7
RH18008	129.7	125.0	130.0	130.0	125.0	138.3
Farmurmel	115.0	105.0	120.0	116.7	115.0	118.3
LG 31245	128.7	125.0	123.3	140.0	126.7	128.3
LZM 268/39	131.7	130.0	125.0	140.0	135.0	128.3
DFI47198	111.0	105.0	110.0	111.7	113.3	115.0
MAS 16.B	118.7	116.7	111.7	123.3	110.0	131.7
GL161610	114.3	96.7	111.7	123.3	113.3	126.7
SA1847	117.0	101.7	113.3	128.3	116.7	125.0
KXB8133	126.5	123.3	125.0	122.7	126.7	135.0
KXB8206	131.3	136.7	121.7	128.3	135.0	135.0
DKC 3440	105.7	106.7	96.7	103.3	110.0	111.7
LG 30215	114.0	105.0	105.0	116.7	113.3	130.0
SY Talisman	114.5	108.3	110.0	115.0	121.7	117.7
LG 31259	137.3	130.0	136.7	141.7	133.3	145.0
LG 31237	121.3	120.0	125.0	115.0	120.0	126.7
Gottardo KWS	114.7	101.7	116.7	115.0	115.0	125.0
Bernardino KWS	122.3	116.7	125.0	121.7	116.7	131.7
Bezugsgrößen	128.0	111.7	127.5	133.3	134.2	133.3
Versuchsmitte	121.7	113.6	119.9	124.1	122.2	128.8
VK [%]	6.8	9.6	6.1	7.2	6.3	4.3
KGD (5%)	6.0	17.8	12.0	14.7	12.6	9.1
KGD (1%)	7.8	23.7	16.0	19.5	16.7	12.1
Versuchs- Streuung	8.3	10.9	7.4	9.0	7.7	5.5
FG	290.0	58.0	58.0	58.0	58.0	58.0
Fehlerterm						
Anz. Beob.	15.0	3.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	24714.6	29	12.43 ***	1.51	0.0000
Anbauorte	11260.7	4	41.06 ***	2.40	0.0000
WW Verf.*Anb.Orte	10833.4	116	1.36 ns	1.28	
Fehler	19884.7	290			
Insgesamt	66693.5	439			

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
ES Albatros	48.6	52.3	47.4	46.2	46.0	51.3
LG 30248	46.8	42.9	50.8	51.5	42.3	46.7
Benedictio KWS	49.2	48.7	49.7	48.6	46.9	52.0
SY Telias	51.6	51.9	54.0	52.5	46.1	53.6
Severeen	47.7	47.0	48.8	47.3	45.5	50.0
Amaroc	49.3	52.5	49.7	45.0	47.5	51.9
P8333	49.9	56.4	47.5	47.9	45.3	52.5
ES Tourmaline	44.8	44.4	46.1	40.2	41.4	51.9
KWS Robertino	46.5	47.8	46.8	43.1	45.3	49.3
RH16109	45.7	45.2	47.1	42.5	42.7	50.7
ES Katamaran	48.3	49.0	48.7	46.7	44.5	52.8
DKC 3697	49.6	50.8	50.7	50.0	45.4	51.3
RH17055	48.1	50.4	47.1	48.8	44.4	50.0
RH18008	47.8	49.0	47.6	47.8	44.6	50.0
Farmurmel	44.2	44.0	47.1	45.0	40.1	44.9
LG 31245	47.5	48.8	47.2	48.0	45.0	48.7
LZM 268/39	47.5	50.0	47.8	46.6	46.0	47.0
DFI47198	44.3	47.6	42.6	43.7	42.5	45.4
MAS 16.B	48.2	52.7	45.2	48.1	42.5	52.6
GL161610	44.9	41.5	43.9	46.8	42.3	50.0
SA1847	46.8	44.2	46.0	49.0	43.3	51.4
KXB8133	51.1	57.9	50.4	46.6	47.2	53.3
KXB8206	50.5	55.5	49.4	49.0	46.6	52.0
DKC 3440	44.9	50.4	42.4	41.3	42.0	48.5
LG 30215	45.5	48.2	41.2	43.8	42.8	51.4
SY Talisman	46.2	48.9	44.9	44.8	44.0	48.4
LG 31259	49.4	52.9	49.3	46.7	46.4	51.8
LG 31237	45.0	45.0	49.0	40.8	41.9	48.1
Gottardo KWS	46.1	44.1	48.4	44.2	42.6	51.4
Bernardino KWS	47.3	49.0	49.9	45.6	41.1	50.6
Bezugsgrößen	48.4	47.9	49.3	47.9	46.2	51.0
Versuchsmitte	47.4	49.0	47.6	46.3	44.1	50.3
VK [%]	6.7	8.9	6.8	6.3	6.2	4.6
KGD (5%)	2.3	7.1	5.3	4.8	4.5	3.8
KGD (1%)	3.0	9.5	7.0	6.4	ns	5.1
Versuchs- Streuung	3.2	4.4	3.2	2.9	2.7	2.3
FG	290.0	58.0	58.0	58.0	58.0	58.0
Fehlerterm						
Anz. Beob.	15.0	3.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1843.6	29	6.25 ***	1.51	0.0000
Anbauorte	2059.5	4	50.65 ***	2.40	0.0000
WW Verf.*Anb.Orte	1804.9	116	1.53 ns	1.28	
Fehler	2947.9	290			
Insgesamt	8656.0	439			

Greensnap [note] / Greensnap [Note]

Verfahren	Seriemittel		1567 Delley FR	
ES Albatros	1.0	-	1.0	-
LG 30248	1.0	-	1.0	-
Benedictio KWS	1.0	-	1.0	-
SY Telias	1.0	-	1.0	-
Severeen	1.3	--	1.3	--
Amaroc	1.0	-	1.0	-
P8333	1.0	-	1.0	-
ES Tourmaline	1.0	-	1.0	-
KWS Robertino	1.0	-	1.0	-
RH16109	1.0	-	1.0	-
ES Katamaran	1.0	-	1.0	-
DKC 3697	1.0	-	1.0	-
RH17055	1.0	-	1.0	-
RH18008	1.3	--	1.3	--
Farmurmel	1.0	-	1.0	-
LG 31245	1.3	--	1.3	--
LZM 268/39	1.0	-	1.0	-
DFI47198	1.0	-	1.0	-
MAS 16.B	1.0	-	1.0	-
GL161610	1.0	-	1.0	-
SA1847	1.0	-	1.0	-
KXB8133	1.0	-	1.0	-
KXB8206	2.7	-----	2.7	-----
DKC 3440	1.0	-	1.0	-
LG 30215	1.0	-	1.0	-
SY Talisman	1.0	-	1.0	-
LG 31259	1.3	--	1.3	--
LG 31237	1.0	-	1.0	-
Gottardo KWS	1.0	-	1.0	-
Bernardino KWS	1.0	-	1.0	-
-Bezugsgrösse(n)	1.2	-	1.2	-
Versuchs-Mittel	1.1	-	1.1	-
VK [%]	21.6		21.6	
KGD (5%)	0.4		0.4	
KGD (1%)	0.5		0.5	
Versuchs-Streuung	0.2		0.2	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

Greensnap [%] / Greensnap [%]

Verfahren	Seriemittel	1567 Delley FR
ES Albatros	0.0 -	0.0 -
LG 30248	0.0 -	0.0 -
Benedictio KWS	0.0 -	0.0 -
SY Telias	0.0 -	0.0 -
Severeen	4.2 --	4.2 --
Amaroc	0.0 -	0.0 -
P8333	0.0 -	0.0 -
ES Tourmaline	0.0 -	0.0 -
KWS Robertino	0.0 -	0.0 -
RH16109	0.0 -	0.0 -
ES Katamaran	0.0 -	0.0 -
DKC 3697	0.0 -	0.0 -
RH17055	0.0 -	0.0 -
RH18008	4.2 --	4.2 --
Farmurmel	0.0 -	0.0 -
LG 31245	4.2 --	4.2 --
LZM 268/39	0.0 -	0.0 -
DFI47198	0.0 -	0.0 -
MAS 16.B	0.0 -	0.0 -
GL161610	0.0 -	0.0 -
SA1847	0.0 -	0.0 -
KXB8133	0.0 -	0.0 -
KXB8206	20.8 -----	20.8 -----
DKC 3440	0.0 -	0.0 -
LG 30215	0.0 -	0.0 -
SY Talisman	0.0 -	0.0 -
LG 31259	4.2 --	4.2 --
LG 31237	0.0 -	0.0 -
Gottardo KWS	0.0 -	0.0 -
Bernardino KWS	0.0 -	0.0 -
-Bezugsgrösse(n)	2.1 -	2.1 -
Versuchs-Mittel	1.3 -	1.3 -
VK [%]	237.3	237.3
KGD (5%)	4.8	4.8
KGD (1%)	6.5	6.5
Versuchs-Streuung	3.0	3.0
FG Fehlerterm	58.0	58.0
Anz. Beob.	3.0	3.0

Verse en végétation [note] / Wurzellagerung Vegetation [Note]

Verfahren	Seriemittel		1567 Delley FR	
ES Albatros	1.0	-	1.0	-
LG 30248	1.0	-	1.0	-
Benedictio KWS	1.0	-	1.0	-
SY Telias	1.7	-	1.7	-
Severeen	2.3	--	2.3	--
Amaroc	1.7	-	1.7	-
P8333	4.3	-----	4.3	-----
ES Tourmaline	1.7	-	1.7	-
KWS Robertino	1.0	-	1.0	-
RH16109	7.7	-----	7.7	-----
ES Katamaran	1.0	-	1.0	-
DKC 3697	1.0	-	1.0	-
RH17055	1.0	-	1.0	-
RH18008	1.7	-	1.7	-
Farmurmel	3.3	---	3.3	---
LG 31245	1.7	-	1.7	-
LZM 268/39	3.0	---	3.0	---
DFI47198	1.0	-	1.0	-
MAS 16.B	1.3	-	1.3	-
GL161610	1.7	-	1.7	-
SA1847	2.3	--	2.3	--
KXB8133	1.3	-	1.3	-
KXB8206	4.3	-----	4.3	-----
DKC 3440	1.7	-	1.7	-
LG 30215	2.3	--	2.3	--
SY Talisman	3.3	---	3.3	---
LG 31259	1.0	-	1.0	-
LG 31237	1.3	-	1.3	-
Gottardo KWS	1.0	-	1.0	-
Bernardino KWS	3.3	---	3.3	---
-Bezugsgrösse(n)	1.7	-	1.7	-
Versuchs-Mittel	2.1	--	2.1	--
VK [%]	50.6		50.6	
KGD (5%)	1.7		1.7	
KGD (1%)	2.3		2.3	
Versuchs-Streuung	1.0		1.0	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR	
ES Albatros	0.0	-	0.0	-
LG 30248	0.0	-	0.0	-
Benedictio KWS	0.0	-	0.0	-
SY Telias	8.3	-	8.3	-
Severeen	16.7	--	16.7	--
Amaroc	8.3	-	8.3	-
P8333	41.7	----	41.7	----
ES Tourmaline	8.3	-	8.3	-
KWS Robertino	0.0	-	0.0	-
RH16109	83.3	-----	83.3	-----
ES Katamaran	0.0	-	0.0	-
DKC 3697	0.0	-	0.0	-
RH17055	0.0	-	0.0	-
RH18008	8.3	-	8.3	-
Farmurmel	29.2	---	29.2	---
LG 31245	8.3	-	8.3	-
LZM 268/39	25.0	---	25.0	---
DFI47198	0.0	-	0.0	-
MAS 16.B	4.2	-	4.2	-
GL161610	8.3	-	8.3	-
SA1847	16.7	--	16.7	--
KXB8133	4.2	-	4.2	-
KXB8206	41.7	----	41.7	----
DKC 3440	8.3	-	8.3	-
LG 30215	16.7	--	16.7	--
SY Talisman	29.2	---	29.2	---
LG 31259	0.0	-	0.0	-
LG 31237	4.2	-	4.2	-
Gottardo KWS	0.0	-	0.0	-
Bernardino KWS	29.2	---	29.2	---
-Bezugsgrösse(n)	8.3	-	8.3	-
Versuchs-Mittel	13.3	--	13.3	--
VK [%]	98.0		98.0	
KGD (5%)	21.4		21.4	
KGD (1%)	28.4		28.4	
Versuchs-Streuung	13.1		13.1	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	1.2 -	2.7 -	0.0 -	2.3 -	0.0 -
LG 30248	4.7 ---	7.6 --	4.2 ---	7.1 --	0.4 -
Benedictio KWS	1.4 -	4.9 -	0.0 -	3.7 -	0.0 -
SY Telias	7.8 ----	21.8 ----	4.2 ---	12.4 ---	2.1 ---
Severeen	1.7 -	1.5 -	0.0 -	5.0 -	0.0 -
Amaroc	2.1 -	7.0 --	0.0 -	4.9 -	0.0 -
P8333	5.6 ---	17.6 ----	0.0 -	14.5 ---	0.4 -
ES Tourmaline	16.2 -----	35.4 -----	4.2 ---	43.2 -----	4.0 -----
KWS Robertino	2.5 --	4.0 -	0.0 -	8.4 --	0.4 -
RH16109	2.8 --	3.0 -	0.0 -	7.3 --	0.7 -
ES Katamaran	0.5 -	2.2 -	0.0 -	0.7 -	0.0 -
DKC 3697	7.9 ----	7.0 --	0.0 -	23.7 ----	6.1 -----
RH17055	4.2 --	7.5 --	0.0 -	9.6 --	2.1 ---
RH18008	4.7 ---	3.5 -	8.3 ----	16.9 ---	5.4 -----
Farmurmel	2.4 --	4.9 -	0.0 -	3.3 -	0.3 -
LG 31245	8.4 ----	21.3 ----	0.0 -	17.2 ----	2.4 ----
LZM 268/39	2.3 --	2.5 -	8.3 ----	3.3 -	0.0 -
DFI47198	3.1 --	3.9 -	0.0 -	13.6 ---	0.7 -
MAS 16.B	1.0 -	2.5 -	0.0 -	2.3 -	0.4 -
GL161610	2.2 -	3.4 -	0.0 -	8.2 --	2.6 ----
SA1847	3.2 --	10.7 ---	0.0 -	2.4 -	0.3 -
KXB8133	6.6 ----	8.8 --	0.0 -	22.6 ----	1.7 ---
KXB8206	1.3 -	1.8 -	0.0 -	2.9 -	0.3 -
DKC 3440	1.6 -	1.5 -	0.0 -	4.2 -	0.4 -
LG 30215	3.1 --	3.1 -	0.0 -	10.9 ---	0.7 --
SY Talisman	2.7 --	2.2 -	0.0 -	7.9 --	3.5 ----
LG 31259	4.5 ---	18.0 ----	0.0 -	8.5 --	0.4 -
LG 31237	6.9 ----	12.2 ---	12.5 -----	7.5 --	1.0 --
Gottardo KWS	4.2 --	5.8 --	0.0 -	15.3 ---	1.1 --
Bernardino KWS	1.1 -	1.1 -	0.0 -	3.6 -	1.4 --
-Bezugsgrösse(n)	1.5 -	3.2 -	0.0 -	4.3 -	0.0 -
Versuchs-Mittel	3.9 --	7.6 --	1.4 -	9.8 --	1.3 --
VK [%]	103.9	85.9	385.6	40.2	99.3
KGD (5%)	2.3	10.7	ns	6.4	2.1
KGD (1%)	3.0	14.3	ns	8.6	2.8
Versuchs-Streuung	4.1	6.6	5.4	3.9	1.3
FG Fehlerterm	464.0	58.0	58.0	58.0	58.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	7205.2	29	14.92 ***	1.49	0.0000
Anbauorte	7275.6	7	62.43 ***	2.03	0.0000
WW Verf.*Anb.Orte	9923.5	203	2.94 ***	1.21	0.0000
Fehler	7724.3	464			
Insgesamt	32128.6	703			

Charbon [%] / Beulenbrand [%]

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	2.9	--	1.6	-	0.0	-	0.0	-
LG 30248	4.4	---	7.0	---	2.8	---	3.8	-----
Benedictio KWS	0.0	-	0.6	-	2.0	--	0.0	-
SY Telias	7.9	----	3.7	--	10.3	-----	0.0	-
Severeen	4.5	---	1.8	-	0.0	-	0.5	--
Amaroc	1.6	--	2.9	--	0.0	-	0.0	-
P8333	1.2	-	10.4	----	0.0	-	1.1	---
ES Tourmaline	13.5	-----	21.0	-----	6.7	-----	2.0	----
KWS Robertino	1.0	-	2.3	-	1.6	--	2.0	----
RH16109	1.7	--	6.7	---	1.9	--	1.0	---
ES Katamaran	1.1	-	0.0	-	0.0	-	0.0	-
DKC 3697	5.7	----	18.8	-----	0.0	-	2.1	----
RH17055	4.2	---	5.0	---	3.8	----	1.0	---
RH18008	0.5	-	2.9	--	0.0	-	0.0	-
Farmurmel	2.8	--	4.5	--	3.6	---	0.0	-
LG 31245	4.6	---	16.0	-----	3.9	----	1.9	----
LZM 268/39	1.0	-	1.0	-	0.9	-	1.1	---
DFI47198	0.0	-	3.9	--	0.0	-	3.0	-----
MAS 16.B	1.2	-	0.6	-	1.0	-	0.0	-
GL161610	1.0	-	1.3	-	1.0	-	0.5	--
SA1847	0.0	-	11.9	----	0.0	-	0.0	-
KXB8133	2.7	--	12.5	----	4.3	----	0.0	-
KXB8206	0.5	-	4.7	--	0.0	-	0.5	--
DKC 3440	1.1	-	3.7	--	0.5	-	1.0	---
LG 30215	1.0	-	5.2	---	2.0	--	1.5	----
SY Talisman	3.3	---	3.9	--	1.2	--	0.0	-
LG 31259	1.5	-	4.9	--	0.0	-	2.6	-----
LG 31237	2.9	--	12.9	-----	5.4	----	0.5	--
Gottardo KWS	3.7	---	4.0	--	3.1	---	0.5	--
Bernardino KWS	0.5	-	2.4	--	0.0	-	0.0	-
-Bezugsgrösse(n)	2.3	--	1.2	-	1.0	-	0.3	-
Versuchs-Mittel	2.6	--	5.9	---	1.9	--	0.9	--
VK [%]	103.5		87.3		150.5		163.7	
KGD (5%)	4.4		8.5		4.6		ns	
KGD (1%)	5.9		11.3		6.1		ns	
Versuchs-Streuung	2.7		5.2		2.8		1.5	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

CFF ? [note] / Blitzfusarien ? [Note]

Verfahren	Seriemittel	5643		8566	
		Alikon AG		Ellighausen TG	
ES Albatros	1.5 -	1.2 -	1.8 --		
LG 30248	1.3 -	1.2 -	1.5 -		
Benedictio KWS	1.7 --	1.3 -	2.0 --		
SY Telias	1.9 --	1.5 --	2.3 ---		
Severeen	2.0 --	1.7 --	2.3 ---		
Amaroc	4.7 -----	4.7 -----	4.7 -----		
P8333	1.6 -	1.7 --	1.5 -		
ES Tourmaline	1.2 -	1.0 -	1.3 -		
KWS Robertino	1.8 --	1.5 --	2.0 --		
RH16109	1.4 -	1.0 -	1.8 --		
ES Katamaran	1.2 -	1.0 -	1.3 -		
DKC 3697	2.3 ---	2.0 ---	2.5 ---		
RH17055	1.9 --	2.2 ---	1.7 -		
RH18008	1.3 -	1.0 -	1.5 -		
Farmurmel	2.2 ---	1.8 --	2.5 ---		
LG 31245	1.8 --	2.0 ---	1.5 -		
LZM 268/39	2.5 ---	2.7 ----	2.3 ---		
DFI47198	2.8 ----	3.2 ----	2.5 ---		
MAS 16.B	1.8 --	1.4 -	2.2 ---		
GL161610	1.3 -	1.0 -	1.7 -		
SA1847	2.0 --	1.1 -	3.0 ----		
KXB8133	2.3 ---	2.7 ----	2.0 --		
KXB8206	1.5 -	1.1 -	2.0 --		
DKC 3440	4.9 -----	5.2 -----	4.7 -----		
LG 30215	1.9 --	1.8 --	2.0 --		
SY Talisman	2.4 ---	1.4 -	3.3 ----		
LG 31259	2.3 ---	2.3 ---	2.3 ---		
LG 31237	1.5 -	1.0 -	2.0 --		
Gottardo KWS	1.6 -	1.0 -	2.2 ---		
Bernardino KWS	2.2 ---	1.7 --	2.7 ----		
-Bezugsgrösse(n)	1.8 --	1.5 --	2.2 ---		
Versuchs-Mittel	2.0 --	1.8 --	2.2 ---		
VK [%]	32.3	43.7	21.5		
KGD (5%)	0.7	1.3	0.8		
KGD (1%)	1.0	1.7	1.0		
Versuchs-Streuung	0.7	0.8	0.5		
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	129.4	29	10.47 ***	1.57	0.0000
Anbauorte	8.5	1	20.03 ***	3.92	0.0001
WW Verf.*Anb.Orte	19.7	29	1.59 *	1.57	0.0443
Fehler	49.4	116			
Insgesamt	207.1	175			

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten
ES Albatros	1.9 ----	3.1 -----	1.1 ---	1.4 --
LG 30248	2.5 -----	0.4 -	4.6 -----	2.6 ----
Benedictio KWS	1.9 ----	1.5 ---	2.6 ----	1.5 --
SY Telias	1.9 ----	2.2 ---	1.4 ---	2.1 ----
Severeen	1.6 ----	1.9 ----	1.9 ----	1.1 --
Amaroc	2.2 -----	2.1 ----	0.8 --	3.7 -----
P8333	1.2 --	1.5 ---	1.1 ---	1.1 --
ES Tourmaline	1.8 ----	2.3 -----	1.1 --	2.1 ----
KWS Robertino	1.3 ---	1.9 ----	1.0 --	1.0 --
RH16109	1.1 --	1.5 ---	0.3 -	1.4 --
ES Katamaran	1.4 ---	1.1 --	1.0 --	2.0 ---
DKC 3697	1.5 ---	2.9 -----	1.1 --	0.4 -
RH17055	1.4 ---	1.5 ---	1.4 ---	1.4 --
RH18008	2.0 ----	1.2 --	2.4 ----	2.5 ----
Farmurmel	0.7 -	0.4 -	0.4 -	1.4 --
LG 31245	1.7 ----	0.8 --	2.2 ----	2.1 ---
LZM 268/39	0.7 -	1.8 ----	0.0 -	0.3 -
DFI47198	2.9 -----	1.5 ---	2.2 ----	5.1 -----
MAS 16.B	2.9 -----	3.6 -----	1.5 ---	3.5 -----
GL161610	2.0 ----	1.9 ----	1.8 ----	2.3 ----
SA1847	2.1 -----	2.6 -----	2.2 ----	1.4 --
KXB8133	2.0 ----	0.3 -	0.7 --	5.0 -----
KXB8206	2.0 ----	1.1 --	2.3 ----	2.7 ----
DKC 3440	2.0 ----	1.6 ---	2.5 ----	2.0 ---
LG 30215	1.5 ---	0.4 -	0.4 -	3.8 -----
SY Talisman	1.7 ----	2.2 -----	1.1 --	1.7 ---
LG 31259	2.3 -----	4.0 -----	0.9 --	2.2 ----
LG 31237	1.7 ----	2.1 ----	1.8 ----	1.3 --
Gottardo KWS	1.9 ----	4.1 -----	0.4 -	1.2 --
Bernardino KWS	2.0 ----	2.1 ----	1.4 ---	2.5 ----
-Bezugsgrösse(n)	1.8 ----	1.7 ----	2.3 ----	1.3 --
Versuchs-Mittel	1.8 ----	1.9 ----	1.4 ---	2.1 ----
VK [%]	91.7	85.8	98.5	90.6
KGD (5%)	ns	ns	ns	ns
KGD (1%)	ns	ns	ns	ns
Versuchs-Streuung	1.6	1.6	1.4	1.9
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	70.4	29	0.89 ns	1.53	0.6247
Anbauorte	18.9	2	3.48 *	3.04	0.0330
WW Verf.*Anb.Orte	209.6	58	1.33 ns	1.40	0.0813
Fehler	472.3	174			
Insgesamt	771.2	263			

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
ES Albatros	4.7	----	4.7	----
LG 30248	3.3	--	3.3	--
Benedictio KWS	4.0	---	4.0	---
SY Telias	5.0	-----	5.0	-----
Severeen	4.3	----	4.3	----
Amaroc	4.7	----	4.7	----
P8333	5.3	-----	5.3	-----
ES Tourmaline	3.0	--	3.0	--
KWS Robertino	4.0	---	4.0	---
RH16109	7.7	-----	7.7	-----
ES Katamaran	2.0	-	2.0	-
DKC 3697	3.3	--	3.3	--
RH17055	4.3	----	4.3	----
RH18008	5.3	-----	5.3	-----
Farmurmel	5.3	-----	5.3	-----
LG 31245	4.3	----	4.3	----
LZM 268/39	4.3	----	4.3	----
DFI47198	3.3	--	3.3	--
MAS 16.B	3.7	---	3.7	---
GL161610	5.0	-----	5.0	-----
SA1847	4.0	---	4.0	---
KXB8133	3.0	--	3.0	--
KXB8206	6.0	-----	6.0	-----
DKC 3440	3.0	--	3.0	--
LG 30215	4.3	----	4.3	----
SY Talisman	4.3	----	4.3	----
LG 31259	3.3	--	3.3	--
LG 31237	3.7	---	3.7	---
Gottardo KWS	3.7	---	3.7	---
Bernardino KWS	4.7	----	4.7	----
-Bezugsgrösse(n)	4.2	----	4.2	----
Versuchs-Mittel	4.2	----	4.2	----
VK [%]	22.8		22.8	
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
ES Albatros	9.3 -----	8.8 ---	8.5 -----	8.8 ----	9.4 ----
LG 30248	9.0 ----	8.2 -	8.4 -----	9.4 -----	9.1 ----
Benedictio KWS	9.6 -----	9.0 ----	8.5 -----	9.0 ----	9.0 ---
SY Telias	9.5 -----	9.0 ----	8.5 -----	9.4 -----	9.7 -----
Severeen	9.4 -----	9.0 ----	8.5 -----	9.1 -----	8.9 ---
Amaroc	9.6 -----	9.5 -----	8.1 -----	8.8 ----	10.0 -----
P8333	9.0 ---	8.5 --	8.3 -----	8.7 ----	9.0 ---
ES Tourmaline	9.5 -----	9.0 ----	8.5 -----	9.4 -----	9.4 ----
KWS Robertino	9.6 -----	9.2 ----	8.5 -----	9.9 -----	9.3 ----
RH16109	9.5 -----	8.9 ----	8.3 -----	9.2 ----	9.7 -----
ES Katamaran	9.6 -----	9.0 ----	8.5 -----	9.6 -----	10.0 -----
DKC 3697	9.5 -----	8.8 ----	8.5 -----	9.4 -----	9.2 ----
RH17055	9.4 -----	8.9 ----	8.1 ----	9.3 ----	9.4 ----
RH18008	9.0 ---	8.4 --	7.1 -	8.3 ---	9.3 ----
Farmurmel	9.3 -----	8.9 ----	8.3 -----	9.2 -----	9.6 -----
LG 31245	8.6 -	8.3 -	7.3 --	7.7 -	8.3 -
LZM 268/39	9.5 -----	9.3 -----	8.3 -----	9.1 ----	9.4 ----
DFI47198	9.5 -----	8.6 --	8.5 -----	9.1 ----	9.8 -----
MAS 16.B	9.2 ----	9.1 ----	8.3 -----	8.6 ----	9.4 ----
GL161610	9.3 ----	8.8 ---	8.5 -----	9.4 -----	8.9 ---
SA1847	9.5 -----	9.0 ----	8.5 -----	9.4 -----	9.4 ----
KXB8133	9.8 -----	9.8 -----	8.4 -----	9.4 -----	10.2 -----
KXB8206	9.4 ----	9.2 ----	8.3 -----	9.1 ----	9.8 ----
DKC 3440	9.4 ----	8.5 --	8.5 -----	9.4 -----	9.5 ----
LG 30215	9.0 ----	8.6 ---	7.7 ----	9.1 ----	8.9 ---
SY Talisman	9.5 -----	9.0 ----	8.5 -----	9.3 -----	9.7 -----
LG 31259	9.2 ----	8.6 --	8.5 -----	7.9 -	9.2 ----
LG 31237	9.6 -----	9.4 -----	8.5 -----	9.5 -----	9.8 -----
Gottardo KWS	9.3 ----	8.9 ----	8.5 -----	8.7 ----	8.9 ---
Bernardino KWS	9.5 -----	9.3 -----	8.5 -----	9.2 -----	9.5 -----
-Bezugsgrösse(n)	9.5 -----	9.0 ----	8.5 -----	9.1 ----	9.0 ---
Versuchs-Mittel	9.4 -----	8.9 ----	8.3 -----	9.1 -----	9.4 ----
VK [%]	5.5	4.7	3.6	4.9	3.6
KGD (5%)	0.3	0.7	0.5	0.7	0.6
KGD (1%)	0.4	0.9	0.7	1.0	0.7
Versuchs-Streuung	0.5	0.4	0.3	0.4	0.3
FG Fehlerterm	464.0	58.0	58.0	58.0	58.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	43.1	29	5.65 ***		1.49	0.0000
Anbauorte	223.7	7	121.46 ***		2.03	0.0000
WW Verf.*Anb.Orte	70.9	203	1.33 ns		1.21	
Fehler	122.1	464				
Insgesamt	459.8	703				

Densité [plant/m²] / Bestandesdichte [Pflanzen/m²]

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	9.7 ---	9.3 ----	10.1 ----	10.0 -----
LG 30248	9.5 --	8.3 -	9.7 --	9.7 ----
Benedictio KWS	11.8 -----	9.5 ----	9.9 ---	9.9 ----
SY Telias	9.7 ---	9.7 ----	9.9 ---	10.0 ----
Severeen	9.9 ---	9.4 ----	9.8 ---	10.3 -----
Amaroc	10.1 ----	9.6 -----	10.6 -----	10.1 ----
P8333	9.0 -	9.0 ----	9.7 -	9.9 ----
ES Tourmaline	9.9 ---	9.4 ----	10.5 ----	10.2 ----
KWS Robertino	10.0 ----	10.0 -----	10.2 ---	9.8 ----
RH16109	9.5 --	9.1 ----	10.9 -----	10.3 ----
ES Katamaran	9.7 ---	9.6 ----	10.1 ----	10.3 -----
DKC 3697	10.6 ----	9.4 ----	10.0 ---	9.8 ----
RH17055	10.0 ----	9.6 ----	10.2 ----	9.6 ----
RH18008	9.9 ---	9.4 ----	10.1 ----	9.2 ---
Farmurmel	9.7 ---	9.5 ----	10.3 ----	9.1 ---
LG 31245	10.0 ----	8.8 ---	9.5 -	8.7 -
LZM 268/39	10.0 ----	9.9 -----	10.2 ----	10.0 ----
DFI47198	9.8 ---	9.6 ----	10.5 ----	10.2 ----
MAS 16.B	9.7 ---	9.0 ----	9.7 -	9.8 ----
GL161610	9.8 ---	9.1 ----	10.0 ---	10.0 ----
SA1847	9.9 ---	9.8 ----	10.3 ----	10.0 ----
KXB8133	10.2 ----	10.0 -----	10.1 ----	10.2 ----
KXB8206	8.8 -	10.0 -----	10.4 ----	9.9 ----
DKC 3440	9.8 ---	9.4 ----	9.9 ---	10.3 -----
LG 30215	9.4 --	8.6 --	9.9 ---	9.9 ----
SY Talisman	9.9 ---	9.3 ----	10.0 ---	10.2 ----
LG 31259	10.1 ----	9.4 ----	10.1 ----	9.7 ----
LG 31237	9.3 --	9.3 ----	10.6 -----	10.1 ----
Gottardo KWS	10.0 ----	9.3 ----	10.6 -----	9.8 ----
Bernardino KWS	10.0 ----	9.8 -----	9.9 ---	9.6 ----
-Bezugsgrösse(n)	10.9 -----	9.4 ----	9.9 ---	10.1 -----
Versuchs-Mittel	9.9 ---	9.4 ----	10.1 ----	9.9 ----
VK [%]	7.8	6.7	4.3	5.9
KGD (5%)	ns	ns	0.7	ns
KGD (1%)	ns	ns	ns	ns
Versuchs-Streuung	0.8	0.6	0.4	0.6
FG Fehlerterm	58.0	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	633.8	529.1	504.4	651.9	660.1
LG 30248	610.8	525.6	477.8	628.4	629.5
Benedictio KWS	634.7	502.5	516.9	626.7	717.8
SY Telias	602.0	555.0	468.4	646.1	691.4
Severeen	603.4	499.6	501.4	604.4	657.6
Amaroc	568.5	512.7	422.7	588.1	684.5
P8333	667.3	562.0	529.5	671.5	764.4
ES Tourmaline	645.4	508.6	507.3	639.4	717.7
KWS Robertino	623.7	538.5	497.5	650.3	687.2
RH16109	627.3	567.1	459.3	642.5	729.6
ES Katamaran	623.8	547.2	552.1	628.6	687.6
DKC 3697	651.4	542.5	490.2	617.0	738.1
RH17055	607.1	506.9	459.0	634.9	713.4
RH18008	619.7	549.1	454.5	626.4	663.6
Farmurmel	605.9	534.5	441.6	621.6	677.1
LG 31245	671.2	616.5	527.3	633.6	740.3
LZM 268/39	671.4	582.8	530.4	678.4	785.1
DFI47198	546.1	515.2	443.6	528.2	569.7
MAS 16.B	612.0	512.7	528.0	631.6	676.7
GL161610	645.8	540.2	527.1	667.9	692.4
SA1847	664.1	580.8	538.7	673.5	778.2
KXB8133	603.9	492.2	468.1	597.8	667.6
KXB8206	614.7	526.3	481.4	627.5	678.0
DKC 3440	545.2	508.3	455.0	559.9	634.0
LG 30215	559.1	472.9	448.2	579.2	623.5
SY Talisman	566.2	520.1	481.3	632.1	659.9
LG 31259	624.1	491.7	484.2	612.6	736.7
LG 31237	603.8	542.9	476.3	615.6	666.2
Gottardo KWS	567.5	471.0	455.4	564.0	643.7
Bernardino KWS	622.6	561.8	501.4	638.3	697.2
-Bezugsgrösse(n)	619.0	501.1	509.1	615.5	687.7
Versuchs-Mittel	614.7	530.5	487.6	623.9	689.0
VK [%]	6.9	8.0	5.8	4.5	5.0
KGD (5%)	24.2	69.2	46.2	46.1	56.7
KGD (1%)	31.8	ns	61.4	61.4	75.5
Versuchs-Streuung	42.6	42.3	28.2	28.2	34.7
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	867663.8	29	16.49 ***	1.49	0.0000
Anbauorte	4360585.6	7	343.24 ***	2.03	0.0000
WW Verf.*Anb.Orte	542594.1	203	1.47 ns	1.21	
Fehler	842096.4	464			
Insgesamt	6612939.9	703			

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

Verfahren	5643		8046		8193		8566	
	Alikon AG		Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	591.5	-----	718.7	----	721.6	-----	693.2	-----
LG 30248	546.4	----	725.0	----	676.3	-----	677.6	-----
Benedictio KWS	639.3	-----	800.4	-----	622.9	----	651.2	----
SY Telias	539.5	----	727.5	----	563.0	--	625.1	----
Severeen	557.7	-----	718.2	----	607.0	----	681.0	-----
Amaroc	515.0	----	707.9	----	566.6	--	550.2	-
P8333	639.6	-----	789.4	-----	671.6	-----	710.6	-----
ES Tourmaline	632.0	-----	755.1	-----	659.0	-----	744.0	-----
KWS Robertino	606.4	-----	746.1	-----	595.3	---	668.5	-----
RH16109	609.0	-----	706.5	----	615.6	----	688.4	-----
ES Katamaran	541.0	----	726.3	----	637.7	-----	670.0	-----
DKC 3697	641.7	-----	813.8	-----	643.5	-----	724.1	-----
RH17055	539.3	----	719.4	----	595.6	--	687.9	-----
RH18008	583.6	-----	738.3	-----	639.5	-----	702.7	-----
Farmurmel	546.7	----	757.9	-----	541.7	-	725.7	-----
LG 31245	636.0	-----	811.3	-----	664.3	-----	740.6	-----
LZM 268/39	591.7	-----	758.4	-----	678.7	-----	765.2	-----
DFI47198	514.9	----	657.0	-	524.2	-	616.0	----
MAS 16.B	539.8	-----	710.0	-----	634.0	-----	663.5	-----
GL161610	592.5	-----	704.2	----	701.4	-----	740.5	-----
SA1847	595.2	-----	813.3	-----	630.6	-----	702.3	-----
KXB8133	546.3	----	722.2	----	639.8	-----	697.2	-----
KXB8206	564.5	-----	757.7	-----	627.7	-----	654.5	-----
DKC 3440	424.2	-	665.2	-	556.3	--	558.6	--
LG 30215	512.7	----	649.3	-	579.4	----	607.6	----
SY Talisman	490.3	----	659.3	-	554.6	--	532.3	-
LG 31259	561.3	-----	802.6	-----	625.7	-----	678.2	-----
LG 31237	602.5	-----	740.9	-----	580.1	----	606.2	----
Gottardo KWS	535.1	-----	685.2	--	548.5	--	637.3	-----
Bernardino KWS	578.6	-----	757.4	-----	581.8	----	664.3	-----
-Bezugsgrösse(n)	598.5	-----	759.3	-----	614.9	----	666.1	-----
Versuchs-Mittel	567.1	-----	734.8	-----	616.1	----	668.8	-----
VK [%]	6.6		7.9		7.7		8.1	
KGD (5%)	61.4		94.6		77.5		88.4	
KGD (1%)	81.7		ns		103.1		117.6	
Versuchs-Streuung	37.6		57.9		47.4		54.1	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	224.9 ---	187.8 --	169.2 -----	250.3 -----	230.9 ---
LG 30248	223.3 ---	199.5 ----	171.2 -----	234.9 ----	221.9 --
Benedictio KWS	232.6 -----	190.9 --	178.3 -----	250.4 -----	237.2 ----
SY Telias	217.2 --	198.4 ----	162.4 ---	243.5 ----	246.0 ----
Severeen	229.6 -----	201.9 -----	167.7 -----	248.1 -----	243.5 -----
Amaroc	223.9 ---	201.8 -----	160.8 ---	239.5 ----	250.9 -----
P8333	228.9 ----	187.4 --	168.5 ----	253.4 -----	247.4 ----
ES Tourmaline	226.9 ---	183.7 -	172.9 -----	238.2 ----	244.3 ----
KWS Robertino	229.4 ----	200.2 ----	168.0 ----	256.3 -----	236.6 ---
RH16109	220.9 ---	210.1 -----	151.6 -	228.8 ---	250.3 -----
ES Katamaran	208.3 -	181.7 -	169.9 -----	235.5 ----	219.9 -
DKC 3697	226.7 ---	190.9 --	158.8 ---	233.3 ----	240.9 ----
RH17055	217.5 --	188.4 --	155.1 --	244.3 ----	245.0 ----
RH18008	223.9 ---	198.9 ----	156.6 --	241.3 ----	228.0 --
Farmurmel	219.0 ---	188.5 --	149.1 -	234.6 ----	244.2 ----
LG 31245	248.1 -----	222.7 -----	180.7 -----	250.1 -----	271.6 -----
LZM 268/39	239.3 -----	206.6 ----	176.7 -----	264.6 -----	264.3 -----
DFI47198	208.4 -	194.1 ---	161.6 ---	212.8 -	221.8 --
MAS 16.B	224.0 ---	197.7 ----	182.5 -----	245.0 ----	225.8 --
GL161610	218.6 ---	188.1 --	166.1 ----	234.1 ----	225.1 --
SA1847	231.9 ----	206.4 ----	171.0 ----	244.3 ----	269.6 -----
KXB8133	225.6 ----	183.6 -	169.0 ----	233.1 ----	239.9 ----
KXB8206	224.6 ----	193.8 ---	160.9 ---	247.2 ----	234.7 ---
DKC 3440	208.8 -	192.1 ---	170.0 ----	228.8 ---	229.4 ---
LG 30215	209.2 -	186.0 -	158.7 ---	224.4 --	214.4 -
SY Talisman	217.9 ---	204.4 ----	174.3 -----	244.8 -----	234.5 ---
LG 31259	230.1 ----	189.3 --	171.5 -----	245.6 -----	253.4 -----
LG 31237	227.4 ---	213.4 -----	173.6 -----	243.3 ----	230.8 ---
Gottardo KWS	215.4 --	183.3 -	160.9 ---	235.7 ----	227.9 --
Bernardino KWS	229.2 ----	202.4 ----	171.5 ----	250.0 ----	248.6 ----
-Bezugsgrösse(n)	231.1 ----	196.4 ---	173.0 -----	249.2 -----	240.3 ----
Versuchs-Mittel	223.7 ---	195.8 ---	167.0 ----	241.2 ----	239.3 ----
VK [%]	6.9	6.5	6.1	4.0	7.1
KGD (5%)	8.7	20.8	16.7	15.8	27.8
KGD (1%)	11.5	ns	ns	21.0	37.0
Versuchs-Streuung	15.3	12.7	10.2	9.7	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	56005.1	29	8.20 ***	1.49	0.0000
Anbauorte	532168.9	7	322.75 ***	2.03	0.0000
WW Verf.*Anb.Orte	60267.1	203	1.26 ns	1.21	
Fehler	109297.0	464			
Insgesamt	757738.1	703			

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	221.6	----	234.8	--	257.6	-----	247.1	----
LG 30248	218.0	----	252.5	----	242.7	-----	246.0	----
Benedictio KWS	251.8	-----	274.1	-----	232.6	-----	245.5	----
SY Telias	201.7	--	237.6	--	208.1	--	239.7	----
Severeen	223.0	----	251.9	----	233.6	-----	267.1	-----
Amaroc	222.1	----	261.0	----	225.4	----	230.1	--
P8333	235.1	-----	260.5	----	234.8	-----	243.8	----
ES Tourmaline	234.0	-----	253.6	----	228.4	----	260.5	-----
KWS Robertino	239.2	-----	258.9	----	224.3	----	251.6	-----
RH16109	220.6	----	237.2	--	222.2	----	246.4	----
ES Katamaran	197.7	--	227.1	-	207.0	--	227.7	--
DKC 3697	235.8	-----	264.2	----	232.8	-----	257.0	-----
RH17055	215.6	----	235.9	--	208.6	--	246.7	----
RH18008	227.1	-----	247.8	----	231.7	-----	259.8	-----
Farmurmel	214.2	----	252.3	----	193.0	-	276.2	-----
LG 31245	251.9	-----	288.8	-----	243.5	-----	275.3	-----
LZM 268/39	226.3	----	262.3	----	239.2	-----	274.7	-----
DFI47198	210.7	----	230.4	-	203.2	--	232.3	--
MAS 16.B	209.1	----	249.0	----	232.1	-----	250.6	-----
GL161610	214.0	----	226.4	-	241.0	-----	253.7	-----
SA1847	223.4	-----	261.7	-----	222.4	----	256.1	-----
KXB8133	227.1	-----	253.8	----	237.3	-----	260.9	-----
KXB8206	218.4	-----	260.8	-----	231.1	-----	249.8	-----
DKC 3440	186.4	-	236.2	--	207.1	--	220.5	-
LG 30215	205.3	----	228.6	-	223.0	----	233.5	----
SY Talisman	204.0	----	242.4	----	219.6	----	218.8	-
LG 31259	227.9	-----	265.5	-----	237.9	-----	249.9	-----
LG 31237	232.0	-----	258.3	-----	228.2	-----	239.4	----
Gottardo KWS	214.8	----	244.7	----	210.5	----	245.1	----
Bernardino KWS	224.1	-----	257.8	-----	218.2	----	260.8	-----
-Bezugsgrösse(n)	237.4	-----	263.0	-----	233.1	-----	256.3	-----
Versuchs-Mittel	221.1	----	250.5	----	225.9	----	248.9	----
VK [%]	5.7		7.9		7.6		8.0	
KGD (5%)	20.5		32.4		27.9		32.4	
KGD (1%)	27.3		ns		37.1		ns	
Versuchs-Streuung	12.6		19.8		17.1		19.8	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	35.5 ---	35.5 ---	33.6 ----	38.4 -----	35.0 ----
LG 30248	36.7 -----	38.1 -----	35.8 -----	37.4 ---	35.2 ----
Benedictio KWS	36.8 -----	38.0 -----	34.5 -----	40.0 -----	33.0 --
SY Telias	36.2 ---	36.1 ---	34.9 ---	37.7 ---	35.6 ----
Severeen	38.1 -----	40.4 -----	33.5 ---	41.1 -----	36.9 -----
Amaroc	39.6 -----	39.4 -----	38.0 -----	40.7 -----	36.6 -----
P8333	34.3 --	33.5 -	31.9 --	37.7 ----	32.4 -
ES Tourmaline	35.2 ---	36.1 ---	34.1 ---	37.2 ---	34.0 ---
KWS Robertino	36.8 ----	37.3 ----	33.8 ----	39.4 ----	34.4 ---
RH16109	35.2 ---	37.0 ----	33.0 ---	35.7 -	34.3 ---
ES Katamaran	33.5 -	33.3 -	30.8 -	37.5 ---	32.0 -
DKC 3697	34.9 --	35.6 ---	32.5 --	37.8 ----	32.6 -
RH17055	36.0 ---	37.4 ----	33.8 ----	38.5 ----	34.4 ---
RH18008	36.2 ---	36.3 ---	34.6 ----	38.5 ----	34.3 ---
Farmurmel	36.1 ----	35.4 ---	33.8 ----	37.8 ----	36.1 ----
LG 31245	37.0 ----	36.2 ---	34.3 ---	39.5 -----	36.7 -----
LZM 268/39	35.7 ---	35.5 ---	33.4 ---	39.1 ----	33.6 ---
DFI47198	38.3 -----	37.8 -----	36.5 -----	40.3 -----	38.9 -----
MAS 16.B	36.7 ----	38.9 -----	34.6 ----	38.8 ----	33.4 --
GL161610	33.8 -	34.8 --	31.5 -	35.1 -	32.5 -
SA1847	35.0 ---	35.7 ---	31.7 --	36.3 --	34.7 ----
KXB8133	37.6 -----	37.8 -----	36.3 -----	39.1 ----	36.0 ----
KXB8206	36.6 ----	37.0 ----	33.5 ----	39.4 ----	34.6 ----
DKC 3440	38.6 -----	37.8 ----	37.4 -----	40.9 -----	36.2 ----
LG 30215	37.5 -----	39.4 -----	35.5 -----	38.8 ----	34.4 ---
SY Talisman	38.6 -----	39.3 -----	36.3 -----	38.7 ----	35.5 ----
LG 31259	37.2 ----	38.8 -----	35.4 -----	40.1 -----	34.4 ---
LG 31237	37.8 ----	39.3 -----	36.5 -----	39.5 ----	34.6 ----
Gottardo KWS	38.1 -----	39.3 -----	35.3 -----	41.8 -----	35.4 ----
Bernardino KWS	36.9 ----	36.2 ---	34.3 ---	39.2 ----	35.6 ----
-Bezugsgrösse(n)	37.4 -----	39.2 -----	34.0 ---	40.5 -----	34.9 ----
Versuchs-Mittel	36.5 ----	37.1 ----	34.4 ----	38.7 ----	34.8 ----
VK [%]	3.4	4.8	3.3	2.7	4.7
KGD (5%)	0.7	2.9	1.9	1.7	2.7
KGD (1%)	0.9	3.9	2.5	2.2	3.6
Versuchs-Streuung	1.2	1.8	1.1	1.0	1.6
FG Fehlerterm	464.0	58.0	58.0	58.0	58.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1490.6	29	33.73 ***	1.49	0.0000
Anbauorte	2347.3	7	220.04 ***	2.03	0.0000
WW Verf.*Anb.Orte	550.0	203	1.78 ***	1.21	0.0007
Fehler	707.1	464			
Insgesamt	5094.9	703			

Précocité [% MS] / Frühreife [% TS]

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	37.5 --	32.7 ---	35.7 ----	35.6 --
LG 30248	39.9 ----	34.8 -----	35.9 ----	36.3 ---
Benedictio KWS	39.4 ----	34.2 -----	37.3 -----	37.7 ----
SY Telias	37.4 --	32.6 ---	37.0 -----	38.4 ----
Severeen	40.0 ----	35.1 -----	38.5 -----	39.2 -----
Amaroc	43.1 -----	36.9 -----	39.8 -----	41.9 -----
P8333	36.9 -	33.0 ---	35.0 ---	34.4 -
ES Tourmaline	37.0 --	33.6 ----	34.7 ---	35.0 --
KWS Robertino	39.5 ----	34.7 ----	37.8 ----	37.7 ----
RH16109	36.3 -	33.6 ----	36.2 ----	35.8 --
ES Katamaran	36.6 -	31.3 -	32.4 -	34.0 -
DKC 3697	36.8 -	32.5 --	36.1 ----	35.5 --
RH17055	40.0 ----	32.8 ---	35.0 ---	35.9 ---
RH18008	38.9 ---	33.6 ----	36.2 ----	37.0 ----
Farmurmel	39.2 ----	33.3 ---	35.6 ---	37.9 ----
LG 31245	39.8 ----	35.5 -----	36.7 ----	37.2 ----
LZM 268/39	38.3 ---	34.6 ----	35.2 ----	35.9 ---
DFI47198	40.9 ----	35.1 ----	38.8 -----	37.7 ----
MAS 16.B	38.7 ---	35.1 ----	36.6 ----	37.8 ----
GL161610	36.1 -	32.1 --	34.4 ---	34.3 -
SA1847	37.5 --	32.2 --	35.3 ----	36.5 ---
KXB8133	41.7 ----	35.1 ----	37.1 ----	37.4 ----
KXB8206	38.7 ---	34.4 ----	36.8 ----	38.2 ----
DKC 3440	44.0 -----	35.6 ----	37.2 ----	39.5 ----
LG 30215	40.1 ----	35.2 ----	38.5 ----	38.5 ----
SY Talisman	41.6 ----	36.8 -----	39.6 -----	41.1 -----
LG 31259	40.6 ----	33.1 ---	38.0 -----	36.9 ----
LG 31237	38.6 ---	34.9 ----	39.3 -----	39.5 ----
Gottardo KWS	40.2 ----	35.7 ----	38.4 ----	38.5 ----
Bernardino KWS	38.8 ---	34.1 ----	37.5 ----	39.3 ----
-Bezugsgrösse(n)	39.7 ---	34.7 ----	37.9 -----	38.5 ----
Versuchs-Mittel	39.1 ----	34.1 ----	36.8 ----	37.3 ----
VK [%]	3.5	2.4	1.7	2.7
KGD (5%)	2.2	1.4	1.0	1.6
KGD (1%)	2.9	1.8	1.4	2.2
Versuchs-Streuung	1.4	0.8	0.6	1.0
FG Fehlerterm	58.0	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0	3.0

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

Verfahren	Seriemittel		1567 Delley FR	
ES Albatros	34.1	----	34.1	----
LG 30248	36.7	-----	36.7	-----
Benedictio KWS	34.7	-----	34.7	-----
SY Telias	34.5	----	34.5	----
Severeen	34.4	----	34.4	----
Amaroc	38.9	-----	38.9	-----
P8333	32.9	---	32.9	---
ES Tourmaline	35.0	----	35.0	----
KWS Robertino	34.3	----	34.3	----
RH16109	34.5	----	34.5	----
ES Katamaran	30.5	-	30.5	-
DKC 3697	33.2	---	33.2	---
RH17055	35.0	----	35.0	----
RH18008	35.7	-----	35.7	-----
Farmurmel	34.2	----	34.2	----
LG 31245	35.0	----	35.0	----
LZM 268/39	33.2	---	33.2	---
DFI47198	37.3	-----	37.3	-----
MAS 16.B	34.1	----	34.1	----
GL161610	32.2	--	32.2	--
SA1847	31.7	--	31.7	--
KXB8133	36.4	-----	36.4	-----
KXB8206	34.2	----	34.2	----
DKC 3440	38.2	-----	38.2	-----
LG 30215	36.1	-----	36.1	-----
SY Talisman	36.0	-----	36.0	-----
LG 31259	35.5	----	35.5	----
LG 31237	36.8	-----	36.8	-----
Gottardo KWS	35.1	----	35.1	----
Bernardino KWS	35.1	----	35.1	----
-Bezugsgrösse(n)	34.6	----	34.6	----
Versuchs-Mittel	34.9	-----	34.9	-----
VK [%]	2.8		2.8	
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	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	157.0 ----	124.1 -	120.7 -----	174.2 -----	161.2 --
LG 30248	156.4 ----	136.0 -----	123.8 -----	160.8 -----	153.5 -
Benedictio KWS	164.2 -----	130.1 ---	131.7 -----	167.8 -----	165.9 ---
SY Telias	155.0 --	137.2 ----	120.4 ----	170.9 -----	175.9 ----
Severeen	161.0 -----	138.3 -----	118.7 ----	170.3 -----	168.2 ----
Amaroc	157.2 ----	139.0 -----	115.6 --	163.6 -----	174.8 -----
P8333	160.0 ----	122.6 -	117.7 ----	169.5 -----	173.2 -----
ES Tourmaline	159.9 ----	124.8 -	123.0 ----	160.8 -----	173.9 -----
KWS Robertino	162.0 ----	136.7 ----	121.3 ----	176.8 -----	165.8 ---
RH16109	156.1 ----	146.8 -----	107.8 -	160.0 ----	174.3 -----
ES Katamaran	149.7 --	126.4 --	124.4 -----	168.1 -----	155.1 -
DKC 3697	158.6 ----	128.6 --	114.9 ---	152.9 --	168.5 ----
RH17055	152.7 --	129.1 ---	113.5 --	164.5 ----	174.1 -----
RH18008	156.7 ----	132.8 ----	114.2 ----	161.0 ----	157.1 --
Farmurmel	154.9 --	129.8 --	109.7 -	158.5 ----	171.7 ----
LG 31245	175.9 -----	148.6 -----	133.0 -----	168.7 -----	194.7 -----
LZM 268/39	166.0 -----	136.4 ----	127.5 -----	178.2 -----	182.8 -----
DFI47198	146.1 -	131.8 --	117.0 ----	143.9 -	154.3 -
MAS 16.B	155.3 --	135.3 ----	130.6 -----	161.7 ----	154.2 -
GL161610	154.9 --	133.5 ----	117.4 ----	157.6 ----	161.2 --
SA1847	161.2 ----	139.3 -----	122.6 ----	161.7 ----	186.5 -----
KXB8133	158.1 ----	124.9 -	123.8 -----	156.8 ----	167.2 ----
KXB8206	157.0 ----	132.7 ----	114.9 --	163.4 ----	165.0 --
DKC 3440	144.5 -	130.2 --	122.1 ----	155.3 --	159.6 --
LG 30215	145.9 -	128.0 --	112.0 --	150.6 --	151.4 -
SY Talisman	152.4 --	145.0 -----	124.4 -----	165.0 -----	166.6 ---
LG 31259	157.9 ----	130.8 --	120.1 ----	161.5 ----	175.2 -----
LG 31237	159.4 ----	148.9 -----	122.9 ----	163.6 ----	160.2 --
Gottardo KWS	149.5 --	126.3 --	113.7 --	156.6 ----	159.4 --
Bernardino KWS	160.1 ----	134.8 ----	122.5 ----	165.3 -----	174.6 -----
-Bezugsgrösse(n)	162.6 ----	134.2 ---	125.2 -----	169.1 -----	167.0 ---
Versuchs-Mittel	156.9 ----	133.6 ----	120.1 ----	163.0 ----	167.5 ----
VK [%]	7.4	7.9	6.6	4.6	7.9
KGD (5%)	6.6	ns	13.0	12.2	21.5
KGD (1%)	8.7	ns	ns	16.3	ns
Versuchs-Streuung	11.7	10.6	8.0	7.5	13.2
FG Fehlerterm	464.0	58.0	58.0	58.0	58.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	27505.8	29	6.99 ***	1.49	0.0000
Anbauorte	259367.9	7	272.95 ***	2.03	0.0000
WW Verf.*Anb.Orte	39462.3	203	1.43 ns	1.21	
Fehler	62986.5	464			
Insgesamt	389322.5	703			

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	156.5	-----	157.7	-	184.1	-----	177.6	-----
LG 30248	155.7	-----	173.8	----	173.7	-----	173.7	----
Benedictio KWS	180.9	-----	192.3	-----	169.7	-----	175.3	----
SY Telias	143.3	---	165.6	---	152.9	---	174.0	----
Severeen	155.1	----	178.7	----	167.9	-----	190.6	-----
Amaroc	157.6	-----	184.1	-----	161.0	----	162.0	--
P8333	168.0	-----	183.3	-----	171.1	-----	174.2	----
ES Tourmaline	166.2	-----	174.6	----	164.0	-----	191.7	-----
KWS Robertino	173.5	-----	180.0	-----	160.8	----	181.5	-----
RH16109	158.0	-----	163.6	--	157.0	----	181.4	-----
ES Katamaran	142.0	---	160.6	--	155.6	---	165.8	---
DKC 3697	167.4	-----	182.7	-----	167.2	-----	187.0	-----
RH17055	150.6	----	162.6	--	147.3	--	179.7	-----
RH18008	161.5	-----	170.0	---	166.9	-----	189.8	-----
Farmurmel	153.5	-----	175.5	----	140.1	-	200.2	-----
LG 31245	182.6	-----	203.4	-----	174.7	-----	201.0	-----
LZM 268/39	156.7	-----	176.7	----	172.2	-----	197.7	-----
DFI47198	149.2	----	153.2	-	148.5	--	170.8	----
MAS 16.B	144.0	---	169.7	---	164.2	-----	183.0	-----
GL161610	152.5	----	158.7	-	171.0	-----	187.5	-----
SA1847	159.6	-----	179.3	-----	156.9	----	183.5	-----
KXB8133	158.3	-----	176.3	----	166.0	-----	191.1	-----
KXB8206	153.2	-----	180.2	-----	163.9	-----	182.5	-----
DKC 3440	124.8	-	165.2	---	143.0	-	156.2	-
LG 30215	139.9	---	155.9	-	156.5	----	172.7	----
SY Talisman	141.9	---	170.3	---	153.1	---	153.4	-
LG 31259	155.2	-----	179.9	-----	164.7	-----	175.5	----
LG 31237	164.3	-----	183.0	-----	157.7	----	174.8	----
Gottardo KWS	147.1	----	171.5	----	148.0	--	173.6	----
Bernardino KWS	155.9	-----	183.2	-----	153.3	---	190.9	-----
-Bezugsgrösse(n)	168.0	-----	185.5	-----	168.8	-----	182.9	-----
Versuchs-Mittel	155.8	-----	173.7	----	161.1	----	180.0	-----
VK [%]	6.4		8.4		7.1		8.6	
KGD (5%)	16.2		23.9		18.6		25.3	
KGD (1%)	21.6		ns		24.7		ns	
Versuchs-Streuung	9.9		14.6		11.4		15.5	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	80.9 --	62.9 -	64.0 ----	93.1 -----	85.9 ----
LG 30248	78.9 -	73.2 ----	65.1 -----	84.2 ---	79.2 -
Benedictio KWS	86.3 -----	69.5 ---	71.4 -----	88.7 -----	82.7 ---
SY Telias	86.7 -----	81.4 -----	66.4 -----	101.5 -----	99.8 -----
Severeen	86.3 -----	78.2 -----	65.2 -----	92.0 -----	82.8 ---
Amaroc	84.7 -----	78.5 -----	65.5 -----	92.1 -----	89.0 -----
P8333	82.1 ---	65.1 -	61.6 ----	91.3 -----	88.6 -----
ES Tourmaline	84.1 ----	68.2 --	64.9 -----	83.9 ---	89.5 -----
KWS Robertino	87.4 -----	75.4 -----	69.4 -----	101.0 -----	83.4 ---
RH16109	78.8 -	77.7 -----	52.1 -	84.5 ---	85.8 ----
ES Katamaran	80.2 --	68.7 ---	65.9 -----	98.7 -----	76.9 -
DKC 3697	80.4 --	68.4 --	59.9 ----	81.3 --	80.2 --
RH17055	80.3 --	72.8 ----	59.9 ----	92.4 -----	90.9 -----
RH18008	82.1 ---	69.4 ---	60.3 ----	88.0 ---	80.5 --
Farmurmel	83.6 ----	71.2 ---	58.2 ---	90.2 ----	88.1 ----
LG 31245	90.6 -----	80.3 -----	69.9 -----	85.9 ----	99.3 -----
LZM 268/39	88.7 -----	77.2 ----	67.9 -----	100.0 -----	98.9 -----
DFI47198	78.0 -	72.9 ----	63.1 ----	75.5 -	80.4 --
MAS 16.B	81.1 ---	70.8 ---	70.8 -----	89.6 ----	79.3 -
GL161610	82.8 ----	73.8 ----	62.3 ----	86.3 ----	87.8 ----
SA1847	83.1 ----	72.3 ----	60.0 ----	89.3 ----	96.1 -----
KXB8133	84.3 ----	67.4 --	71.8 -----	83.8 ---	87.8 ----
KXB8206	83.3 ----	70.4 ---	60.6 ----	91.5 -----	84.5 ---
DKC 3440	78.0 -	67.2 --	68.0 -----	89.3 ----	84.4 ---
LG 30215	82.1 ---	74.6 ----	63.3 ----	86.0 ----	83.5 ---
SY Talisman	82.7 ----	82.5 -----	69.7 -----	92.5 -----	86.4 ----
LG 31259	81.4 ---	70.1 ---	66.1 -----	84.4 ---	85.0 ---
LG 31237	84.4 ----	86.3 -----	68.5 -----	90.0 ----	79.3 -
Gottardo KWS	80.7 --	72.7 ----	61.4 ----	85.2 ----	83.1 ---
Bernardino KWS	85.6 ----	74.7 ----	66.1 -----	91.4 ----	91.8 -----
-Bezugsgrösse(n)	86.3 -----	73.8 ----	68.3 -----	90.3 -----	82.8 ---
Versuchs-Mittel	83.0 ----	73.1 ----	64.6 -----	89.5 ----	86.4 ----
VK [%]	9.9	12.2	7.1	8.6	11.8
KGD (5%)	4.6	ns	7.5	12.6	ns
KGD (1%)	6.1	ns	9.9	ns	ns
Versuchs-Streuung	8.2	8.9	4.6	7.7	10.2
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	6818.7	29	3.50 ***	1.49	0.0001
Anbauorte	61613.4	7	131.02 ***	2.03	0.0000
WW Verf.*Anb.Orte	17237.5	203	1.26 ns	1.21	
Fehler	31171.5	464			
Insgesamt	116841.1	703			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	78.5 ----	68.9 -	96.5 -----	97.4 -----
LG 30248	78.0 ----	79.2 ---	89.6 -----	82.8 --
Benedictio KWS	95.3 -----	95.1 -----	93.5 -----	94.4 -----
SY Telias	76.0 ---	83.1 ----	86.3 ---	98.8 -----
Severeen	80.2 ----	92.9 -----	93.5 -----	105.8 -----
Amaroc	84.8 -----	88.9 -----	89.0 -----	90.0 ----
P8333	85.0 -----	87.1 -----	89.3 -----	88.5 ---
ES Tourmaline	84.3 ----	86.6 ----	91.7 -----	103.3 -----
KWS Robertino	94.7 -----	88.8 -----	87.9 ----	98.6 -----
RH16109	77.6 ----	75.7 --	82.9 ---	94.2 -----
ES Katamaran	75.2 ---	80.6 ----	86.0 ----	89.5 ----
DKC 3697	82.4 ----	84.6 ----	89.0 ----	97.6 -----
RH17055	77.1 ---	76.7 ---	78.7 -	93.7 ----
RH18008	82.7 ----	83.0 ----	91.3 -----	101.7 -----
Farmurmel	84.9 -----	89.9 -----	78.0 -	107.9 -----
LG 31245	94.3 -----	98.2 -----	93.6 -----	103.3 -----
LZM 268/39	82.7 ----	88.5 -----	91.2 -----	102.9 -----
DFI47198	81.9 ----	74.5 --	85.8 ----	89.8 ----
MAS 16.B	73.9 ---	85.1 ----	85.8 ----	93.5 ----
GL161610	75.5 ---	80.8 ----	95.5 -----	100.3 -----
SA1847	79.5 ----	88.2 -----	84.4 ---	94.7 ----
KXB8133	78.2 ----	90.6 -----	93.6 -----	101.2 -----
KXB8206	83.0 ----	89.3 -----	91.8 -----	95.6 ----
DKC 3440	67.1 -	85.0 ----	79.6 -	83.7 --
LG 30215	76.9 ---	80.7 ----	91.3 -----	100.8 -----
SY Talisman	75.3 ---	90.2 -----	86.2 ----	78.6 -
LG 31259	82.7 ----	87.6 -----	89.2 ----	85.8 ---
LG 31237	80.8 ----	92.0 -----	86.3 ----	92.3 ----
Gottardo KWS	77.3 ---	86.4 ----	85.6 ----	93.5 ----
Bernardino KWS	81.3 ----	87.8 -----	84.3 ---	107.4 -----
-Bezugsgrösse(n)	87.8 -----	94.0 -----	93.5 -----	100.1 -----
Versuchs-Mittel	80.9 ----	85.5 ----	88.3 ----	95.6 ----
VK [%]	7.1	11.1	8.3	10.3
KGD (5%)	9.4	ns	ns	16.1
KGD (1%)	12.5	ns	ns	ns
Versuchs-Streuung	5.7	9.5	7.4	9.8
FG Fehlerterm	58.0	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	697.6 ---	660.7 --	715.3 ----	696.0 -----	697.7 ----
LG 30248	700.8 ----	681.3 ----	723.3 ----	684.7 ----	691.3 ---
Benedictio KWS	707.1 -----	681.3 -----	738.7 -----	670.7 ---	702.0 -----
SY Telias	714.7 -----	691.7 ----	742.0 -----	701.7 -----	715.3 -----
Severeen	700.9 ----	684.7 ----	708.0 --	686.0 ----	689.7 --
Amaroc	702.6 ----	688.3 ----	720.0 ----	683.0 ----	696.7 ----
P8333	697.8 ---	652.3 -	698.7 -	669.3 ---	700.0 ----
ES Tourmaline	703.0 ----	677.7 ---	710.3 ---	674.7 ---	709.0 -----
KWS Robertino	706.9 ----	683.3 ----	722.3 ----	690.0 ----	700.3 ----
RH16109	707.0 ----	699.3 ----	713.0 ---	699.3 ----	696.0 ----
ES Katamaran	719.0 -----	695.0 ----	732.3 ----	714.0 -----	705.0 ----
DKC 3697	700.4 ---	674.7 ---	724.0 ----	655.3 -	700.7 ----
RH17055	702.9 ----	685.0 ----	731.3 ----	673.3 ---	710.3 ----
RH18008	700.3 ---	668.3 ---	729.3 ----	667.0 --	689.3 --
Farmurmel	708.1 ----	686.3 ----	736.3 ----	675.7 ---	702.7 ----
LG 31245	708.7 ----	666.7 ---	736.3 ----	674.7 ---	717.0 -----
LZM 268/39	693.7 --	657.0 -	722.0 ----	673.7 ---	692.0 ---
DFI47198	701.8 ---	678.7 ---	724.0 ----	677.0 ---	696.3 ----
MAS 16.B	693.8 --	683.7 ----	715.7 ---	661.0 -	682.7 -
GL161610	708.0 ----	709.3 ----	707.0 --	673.3 ---	715.0 -----
SA1847	695.9 ---	674.0 ---	716.7 ---	661.7 -	692.0 ---
KXB8133	701.0 ---	681.3 ----	732.3 ----	673.0 ---	697.3 ----
KXB8206	699.3 ---	684.3 ----	714.0 ---	661.0 -	702.3 ----
DKC 3440	692.3 --	677.0 ---	719.3 ---	678.7 ---	695.7 ---
LG 30215	697.0 ---	687.3 ----	705.3 --	671.0 ---	706.7 ----
SY Talisman	700.5 ---	709.3 ----	713.3 ---	674.0 ---	709.7 ----
LG 31259	686.3 -	691.7 ----	700.0 -	657.3 -	691.3 ---
LG 31237	701.4 ---	698.0 ----	708.0 --	672.3 ---	694.7 ---
Gottardo KWS	694.6 ---	688.7 ----	707.0 --	665.0 --	699.3 ----
Bernardino KWS	697.9 ---	666.7 ---	713.7 ---	661.0 -	701.3 ----
-Bezugsgrösse(n)	704.0 ----	683.0 ----	723.3 ----	678.3 ----	695.8 ----
Versuchs-Mittel	701.4 ---	682.1 ----	719.3 ---	675.8 ---	700.0 ----
VK [%]	2.4	3.1	2.3	2.6	2.5
KGD (5%)	9.4	ns	ns	28.4	ns
KGD (1%)	12.4	ns	ns	ns	ns
Versuchs-Streuung	16.6	20.8	16.5	17.4	17.4
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	31262.0	29	3.93 ***	1.49	0.0000
Anbauorte	182335.1	7	94.89 ***	2.03	0.0000
WW Verf.*Anb.Orte	76546.8	203	1.37 ns	1.21	
Fehler	127367.5	464			
Insgesamt	417511.4	703			

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	706.3	-----	672.0	--	714.7	----	718.0	----
LG 30248	714.7	-----	688.3	----	715.7	----	706.7	--
Benedictio KWS	718.3	-----	701.7	-----	730.3	-----	714.0	---
SY Telias	710.7	-----	697.0	-----	734.7	-----	724.7	-----
Severeen	696.0	----	708.7	-----	719.7	----	714.3	---
Amaroc	709.7	-----	705.0	-----	714.0	----	704.0	-
P8333	714.7	-----	703.7	-----	729.0	-----	714.7	---
ES Tourmaline	710.0	-----	688.0	----	718.3	----	736.0	-----
KWS Robertino	725.0	-----	695.3	-----	717.7	----	721.3	-----
RH16109	716.7	-----	690.3	----	706.3	---	735.0	-----
ES Katamaran	718.3	-----	707.3	-----	752.0	-----	728.3	-----
DKC 3697	709.7	-----	692.3	-----	718.7	----	728.0	-----
RH17055	699.3	----	689.7	----	706.3	---	728.0	-----
RH18008	710.7	-----	686.0	----	721.0	----	730.7	-----
Farmurmel	717.0	-----	695.7	-----	727.3	-----	723.7	-----
LG 31245	724.0	-----	703.3	-----	717.7	----	730.0	-----
LZM 268/39	692.3	----	673.7	--	719.7	----	719.3	----
DFI47198	707.3	-----	664.0	-	732.0	-----	735.3	-----
MAS 16.B	688.3	---	681.7	----	707.7	---	729.7	-----
GL161610	712.7	-----	699.3	-----	709.3	---	738.3	-----
SA1847	715.0	-----	685.7	----	705.7	---	716.7	----
KXB8133	697.3	----	694.3	-----	699.7	--	732.3	-----
KXB8206	701.0	----	691.3	----	710.3	---	730.0	-----
DKC 3440	669.7	-	700.0	-----	689.7	-	708.3	--
LG 30215	681.7	--	682.3	----	702.0	--	739.7	-----
SY Talisman	695.7	----	702.7	-----	698.0	--	701.0	-
LG 31259	680.0	--	676.0	---	691.3	-	703.0	-
LG 31237	708.0	-----	708.7	-----	690.7	-	731.0	-----
Gottardo KWS	684.7	---	701.3	-----	702.7	--	708.0	--
Bernardino KWS	695.7	----	710.0	-----	702.7	--	732.3	-----
-Bezugsgrösse(n)	707.2	-----	705.2	-----	725.0	----	714.2	---
Versuchs-Mittel	704.3	-----	693.2	-----	713.5	----	722.7	-----
VK [%]	2.3		1.8		1.9		2.3	
KGD (5%)	26.9		20.3		21.8		ns	
KGD (1%)	35.8		27.0		29.0		ns	
Versuchs-Streuung	16.4		12.4		13.3		16.9	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
ES Albatros	359.1	-	335.0	-	379.0	----	372.0	----	371.0	----
LG 30248	354.6	-	367.7	----	378.3	----	358.7	--	355.7	---
Benedictio KWS	372.5	----	363.3	----	400.7	-----	354.3	--	351.0	---
SY Telias	399.0	-----	410.0	-----	409.7	-----	416.3	-----	405.7	-----
Severeen	376.2	----	387.0	-----	388.7	-----	370.0	---	336.0	-
Amaroc	380.3	----	388.3	-----	407.7	-----	384.7	-----	354.0	---
P8333	358.5	-	345.3	--	365.7	---	360.0	--	357.7	---
ES Tourmaline	369.9	---	367.0	----	375.3	----	351.7	--	364.3	----
KWS Robertino	382.6	-----	376.7	-----	413.3	-----	394.0	-----	352.0	---
RH16109	356.5	-	370.3	----	343.3	-	369.0	---	342.7	--
ES Katamaran	384.7	-----	376.3	-----	388.0	-----	419.0	-----	349.3	--
DKC 3697	356.5	-	358.7	---	378.3	----	348.7	-	333.7	-
RH17055	370.1	---	386.0	-----	386.3	-----	378.3	----	370.3	-----
RH18008	366.7	---	349.3	--	383.7	-----	363.7	---	353.3	---
Farmurmel	381.8	-----	373.7	-----	391.0	-----	384.3	-----	360.0	----
LG 31245	366.3	---	359.7	---	386.7	-----	344.0	-	365.7	----
LZM 268/39	370.5	---	368.7	----	384.3	-----	378.3	----	374.3	-----
DFI47198	375.1	----	374.7	-----	390.3	-----	355.0	--	362.7	----
MAS 16.B	362.3	--	355.3	---	388.0	-----	366.7	---	350.7	--
GL161610	377.8	-----	391.7	-----	376.0	----	369.0	---	389.3	-----
SA1847	358.0	-	348.7	--	351.0	-	365.3	---	356.7	---
KXB8133	375.4	----	367.7	----	424.7	-----	360.0	--	366.3	----
KXB8206	371.3	----	363.0	----	377.7	----	369.7	---	359.0	---
DKC 3440	373.8	----	348.3	--	400.0	-----	390.3	-----	368.0	----
LG 30215	392.5	-----	400.0	-----	399.0	-----	383.0	-----	389.3	-----
SY Talisman	380.3	-----	403.3	-----	401.0	-----	378.3	-----	368.0	----
LG 31259	355.0	-	369.7	----	385.7	-----	343.0	-	334.3	-
LG 31237	372.6	----	405.0	-----	394.3	-----	369.7	---	343.7	--
Gottardo KWS	375.6	----	396.3	-----	381.7	----	362.0	---	364.7	----
Bernardino KWS	373.8	----	370.0	----	385.3	-----	365.0	---	368.3	----
-Bezugsgrösse(n)	374.3	----	375.2	-----	394.7	-----	362.2	---	343.5	--
Versuchs-Mittel	371.6	----	372.6	-----	387.2	-----	370.8	-----	360.6	----
VK [%]	5.9		8.3		4.3		7.3		7.2	
KGD (5%)	12.3		ns		27.2		ns		ns	
KGD (1%)	16.2		ns		36.2		ns		ns	
Versuchs-Streuung	21.8		30.9		16.7		27.0		26.1	
FG Fehlerterm	464.0		58.0		58.0		58.0		58.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	84781.3	29	6.18	***	1.49	0.0000
Anbauorte	167485.5	7	50.55	***	2.03	0.0000
WW Verf.*Anb.Orte	112961.4	203	1.18	ns	1.21	
Fehler	219609.8	464				
Insgesamt	584838.0	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	354.3	--	292.7	-	374.7	-	394.0	-----
LG 30248	357.3	--	313.7	---	369.3	-	336.3	-
Benedictio KWS	378.3	-----	346.7	-----	401.7	-----	384.0	-----
SY Telias	377.0	-----	348.0	-----	414.7	-----	411.0	-----
Severeen	360.0	---	369.0	-----	400.7	-----	398.0	-----
Amaroc	381.7	-----	340.7	-----	394.3	---	391.0	-----
P8333	361.7	---	334.7	-----	380.0	--	362.7	---
ES Tourmaline	360.0	---	342.7	-----	402.0	-----	396.3	-----
KWS Robertino	395.7	-----	343.0	-----	394.0	---	392.0	-----
RH16109	353.0	--	318.7	---	373.7	-	381.0	----
ES Katamaran	381.0	-----	354.7	-----	415.7	-----	393.3	-----
DKC 3697	349.7	-	320.0	---	383.0	---	380.3	----
RH17055	357.7	---	324.0	---	377.7	--	380.3	----
RH18008	364.0	---	335.0	---	393.0	---	391.3	----
Farmurmel	397.0	-----	357.0	-----	404.0	-----	387.7	-----
LG 31245	373.7	-----	340.0	-----	385.7	---	374.7	----
LZM 268/39	365.3	----	337.7	-----	381.0	--	374.0	----
DFI47198	388.3	-----	320.7	---	422.7	-----	386.7	-----
MAS 16.B	354.0	--	341.7	-----	369.7	-	372.7	----
GL161610	352.7	--	353.0	-----	396.0	-----	395.0	-----
SA1847	356.3	--	337.0	-----	379.3	--	369.7	---
KXB8133	345.3	-	356.3	-----	394.7	----	388.0	-----
KXB8206	379.3	-----	342.3	-----	397.3	-----	382.3	----
DKC 3440	360.3	---	359.7	-----	383.7	---	380.0	----
LG 30215	374.7	-----	352.3	-----	409.7	-----	432.0	-----
SY Talisman	369.0	----	372.3	-----	392.3	----	358.3	--
LG 31259	362.0	---	328.3	----	373.0	-	343.7	-
LG 31237	349.0	-	356.0	-----	377.7	--	385.7	-----
Gottardo KWS	359.7	---	353.0	-----	406.0	-----	381.7	----
Bernardino KWS	363.0	---	340.3	-----	386.3	---	412.0	-----
-Bezugsgrösse(n)	369.2	----	357.8	-----	401.2	-----	391.0	-----
Versuchs-Mittel	366.0	----	341.0	-----	391.1	----	383.9	-----
VK [%]	4.4		5.4		3.5		4.9	
KGD (5%)	26.4		30.2		22.7		30.6	
KGD (1%)	35.2		40.2		30.2		40.8	
Versuchs-Streuung	16.2		18.5		13.9		18.7	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	156.9 -----	167.3 -----	150.3 -----	147.0 ----	160.0 ----
LG 30248	154.5 ----	154.0 ----	148.3 ----	145.3 ---	162.7 -----
Benedictio KWS	149.0 ---	151.7 ---	141.0 -	155.0 -----	163.7 -----
SY Telias	143.3 -	139.3 -	138.3 -	137.0 -	149.3 -
Severeen	151.4 ----	149.0 ---	158.0 -----	149.0 ----	169.7 -----
Amaroc	152.6 ----	151.7 ----	147.0 ---	149.7 -----	167.0 -----
P8333	162.1 -----	171.0 -----	162.3 -----	161.0 -----	167.7 -----
ES Tourmaline	149.8 ---	147.0 ---	152.7 ----	136.0 -	159.0 ----
KWS Robertino	149.0 ---	153.7 ----	142.7 --	140.7 --	162.3 ----
RH16109	153.0 ----	150.3 ---	156.3 -----	146.0 ----	168.3 -----
ES Katamaran	152.3 ----	158.3 ----	151.3 ----	135.3 -	170.0 -----
DKC 3697	157.3 -----	164.7 -----	152.3 ----	160.3 -----	168.7 -----
RH17055	156.0 ----	151.3 ----	148.3 ----	156.7 ----	163.7 ----
RH18008	159.4 -----	169.0 -----	150.0 ----	164.3 -----	173.3 -----
Farmurmel	150.3 ----	156.0 ----	146.7 ---	146.0 ----	162.0 ----
LG 31245	153.6 ----	168.3 -----	147.7 ----	158.0 -----	157.7 ---
LZM 268/39	155.7 -----	170.0 -----	150.7 ----	146.3 ----	162.3 ----
DFI47198	152.4 ----	155.7 ----	152.3 ----	155.7 ----	162.3 ----
MAS 16.B	156.0 ----	158.3 ----	152.0 ----	152.0 ----	168.7 ----
GL161610	152.0 ----	149.7 ---	154.7 ----	151.3 ----	160.0 ----
SA1847	155.9 -----	163.0 -----	158.0 -----	157.7 -----	165.7 ----
KXB8133	152.8 ----	159.3 ----	140.0 -	153.3 ----	165.0 ----
KXB8206	154.5 ----	161.3 ----	154.0 ----	154.3 ----	163.3 ----
DKC 3440	154.4 ----	166.3 ----	142.0 --	148.0 ----	165.0 ----
LG 30215	147.1 --	146.3 --	146.3 ---	143.7 ---	158.0 ---
SY Talisman	151.5 ----	142.3 -	147.0 ---	150.3 ----	164.7 ----
LG 31259	157.3 -----	151.3 ----	152.7 ----	158.0 -----	172.3 -----
LG 31237	148.7 ---	139.0 -	144.7 ---	148.0 ----	170.7 -----
Gottardo KWS	154.8 ----	148.0 ---	156.3 -----	154.7 ----	166.3 ----
Bernardino KWS	152.2 ----	159.3 ----	151.3 ----	155.3 ----	163.7 ----
-Bezugsgrösse(n)	150.2 ----	150.3 ---	149.5 ----	152.0 -----	166.7 -----
Versuchs-Mittel	153.2 ----	155.8 ----	149.8 ----	150.5 ----	164.4 ----
VK [%]	5.6	8.5	3.9	6.9	5.7
KGD (5%)	4.8	ns	9.7	ns	ns
KGD (1%)	6.4	ns	12.9	ns	ns
Versuchs-Streuung	8.5	13.3	5.9	10.4	9.3
FG Fehlerterm	464.0	58.0	58.0	58.0	58.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10164.7	29	4.83 ***	1.49	0.0000
Anbauorte	38159.3	7	75.16 ***	2.03	0.0000
WW Verf.*Anb.Orte	18715.6	203	1.27 ns	1.21	
Fehler	33652.9	464			
Insgesamt	100692.5	703			

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	152.0	-----	182.0	-----	152.3	-----	144.0	-----
LG 30248	144.3	----	169.3	----	155.3	-----	156.3	-----
Benedictio KWS	136.3	-	161.3	---	138.7	-	144.0	-----
SY Telias	143.7	----	164.3	---	137.3	-	137.3	---
Severeen	147.7	-----	155.7	-	143.0	---	139.3	-----
Amaroc	144.7	----	166.0	----	151.3	-----	143.3	-----
P8333	155.3	-----	168.7	-----	153.0	-----	158.0	-----
ES Tourmaline	147.7	-----	168.0	-----	148.0	-----	140.0	-----
KWS Robertino	136.3	-	165.0	----	150.0	-----	141.0	-----
RH16109	144.0	----	170.7	-----	152.0	-----	136.7	---
ES Katamaran	151.0	-----	165.3	----	144.0	---	143.0	-----
DKC 3697	152.7	-----	166.7	----	148.7	-----	144.0	-----
RH17055	155.0	-----	168.3	-----	159.0	-----	146.0	-----
RH18008	152.3	-----	169.0	-----	151.7	-----	145.7	-----
Farmurmel	143.3	---	156.7	-	146.7	----	144.7	-----
LG 31245	143.3	---	162.7	---	149.3	-----	142.0	----
LZM 268/39	149.3	-----	168.0	-----	152.0	-----	146.7	-----
DFI47198	142.3	---	174.3	-----	137.7	-	138.7	---
MAS 16.B	152.3	-----	166.0	----	153.7	-----	145.3	-----
GL161610	152.3	-----	160.3	--	149.7	-----	138.3	---
SA1847	148.3	-----	164.0	---	147.3	----	143.3	-----
KXB8133	156.0	-----	158.0	--	150.3	-----	140.0	----
KXB8206	145.7	----	166.3	----	147.3	----	144.0	-----
DKC 3440	154.3	-----	158.3	--	152.0	-----	149.3	-----
LG 30215	151.3	-----	161.3	---	141.3	--	128.7	-
SY Talisman	147.7	-----	154.7	-	148.7	-----	156.3	-----
LG 31259	147.3	-----	170.3	-----	151.7	-----	154.7	-----
LG 31237	150.7	-----	155.3	-	145.7	----	135.7	---
Gottardo KWS	155.3	-----	163.3	---	145.3	----	149.0	-----
Bernardino KWS	151.0	-----	161.3	---	145.3	----	130.3	-
-Bezugsgrösse(n)	142.0	---	158.5	--	140.8	--	141.7	-----
Versuchs-Mittel	148.5	-----	164.7	----	148.3	-----	143.5	-----
VK [%]	4.4		3.8		3.9		5.4	
KGD (5%)	10.7		10.2		9.4		12.7	
KGD (1%)	ns		13.5		12.4		16.9	
Versuchs-Streuung	6.5		6.2		5.7		7.8	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1725 Grangeneuve		3065 Habstetten	
ES Albatros	359.2	-----	385.7	-----	340.0	----	351.7	---	365.7	---
LG 30248	361.3	-----	368.3	-----	345.0	-----	357.7	----	379.0	-----
Benedictio KWS	344.0	---	360.3	---	318.3	-	370.0	-----	371.7	----
SY Telias	335.9	-	340.7	-	317.3	-	339.3	--	349.3	-
Severeen	352.1	-----	363.0	----	353.7	-----	360.7	-----	393.0	-----
Amaroc	354.5	----	367.0	----	337.7	----	367.3	-----	380.0	-----
P8333	368.5	-----	394.7	-----	364.3	-----	388.0	-----	379.3	-----
ES Tourmaline	346.8	---	349.0	--	349.7	-----	330.3	-	366.3	---
KWS Robertino	344.7	---	355.7	---	326.7	--	351.0	---	374.3	-----
RH16109	360.5	-----	365.0	----	357.0	-----	364.3	-----	392.3	-----
ES Katamaran	345.8	---	362.0	----	337.0	----	330.0	-	377.0	-----
DKC 3697	363.1	-----	383.0	-----	346.0	-----	392.0	-----	384.0	-----
RH17055	357.2	-----	357.0	----	336.0	----	372.3	-----	365.7	---
RH18008	368.3	-----	396.0	-----	347.3	-----	391.0	-----	397.3	-----
Farmurmel	345.3	---	363.3	----	326.3	--	354.7	----	364.3	---
LG 31245	354.1	----	386.7	-----	333.7	---	382.0	-----	361.0	---
LZM 268/39	357.6	-----	387.7	-----	339.3	----	362.0	----	367.3	----
DFI47198	356.2	----	365.3	----	351.0	-----	377.7	-----	376.3	----
MAS 16.B	364.2	-----	371.7	-----	340.7	-----	370.3	-----	386.0	-----
GL161610	348.0	----	342.7	-	344.0	-----	358.7	----	356.7	--
SA1847	362.1	-----	377.7	-----	348.7	-----	383.7	-----	381.0	-----
KXB8133	350.5	----	370.0	-----	319.7	-	356.7	----	370.7	----
KXB8206	355.1	----	370.3	-----	340.7	-----	374.3	-----	363.7	---
DKC 3440	361.0	-----	386.0	-----	322.3	-	367.3	-----	367.7	----
LG 30215	343.8	---	349.7	--	336.3	----	347.3	---	359.7	--
SY Talisman	359.0	-----	352.0	--	340.0	----	370.3	-----	376.7	-----
LG 31259	369.2	-----	361.0	----	349.7	-----	380.0	-----	392.0	-----
LG 31237	352.6	----	350.7	--	335.3	----	359.0	----	389.0	-----
Gottardo KWS	360.5	-----	358.7	---	346.0	-----	370.0	-----	373.7	-----
Bernardino KWS	352.8	----	368.3	-----	336.0	----	370.0	-----	376.3	-----
-Bezugsgrösse(n)	348.0	---	361.7	----	336.0	----	365.3	-----	382.3	-----
Versuchs-Mittel	355.1	-----	367.0	----	339.5	----	365.0	-----	374.6	-----
VK [%]	4.9		6.5		4.9		5.3		5.1	
KGD (5%)	10.0		ns		ns		31.8		ns	
KGD (1%)	13.1		ns		ns		ns		ns	
Versuchs-Streuung	17.6		23.7		16.6		19.4		19.2	
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	47878.8	29	5.35	***	1.49	0.0000
Anbauorte	201424.9	7	93.23	***	2.03	0.0000
WW Verf.*Anb.Orte	74717.7	203	1.19	ns	1.21	
Fehler	143211.0	464				
Insgesamt	467232.4	703				

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

Verfahren	5643 Alikon AG		8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	353.3	-----	409.0	-----	343.3	----	324.7	---
LG 30248	341.7	----	391.3	-----	354.3	-----	353.3	-----
Benedictio KWS	318.0	-	370.3	--	319.7	-	323.3	---
SY Telias	332.7	---	379.7	---	315.0	-	313.0	--
Severeen	339.3	----	359.3	-	331.3	---	316.7	--
Amaroc	340.3	----	374.3	---	343.3	-----	326.3	----
P8333	352.3	-----	378.3	----	341.3	-----	349.7	-----
ES Tourmaline	338.3	----	383.0	----	339.7	-----	317.7	--
KWS Robertino	315.3	-	366.3	--	344.7	-----	323.3	---
RH16109	340.0	----	390.0	-----	352.7	-----	322.7	---
ES Katamaran	339.7	----	365.7	--	324.3	--	330.7	----
DKC 3697	343.3	----	378.7	----	342.0	----	335.7	-----
RH17055	350.7	-----	377.0	---	362.3	-----	336.3	-----
RH18008	342.7	----	387.3	-----	347.3	-----	337.0	-----
Farmurmel	324.0	--	361.3	-	334.7	----	334.0	-----
LG 31245	329.0	--	370.7	--	339.0	----	330.7	----
LZM 268/39	344.0	-----	382.7	----	344.7	-----	333.3	----
DFI47198	333.3	---	402.0	-----	319.3	-	324.3	---
MAS 16.B	353.0	-----	392.0	-----	362.0	-----	337.7	-----
GL161610	347.0	-----	374.0	---	342.7	----	318.7	---
SA1847	338.7	----	383.7	-----	347.7	-----	335.7	-----
KXB8133	346.7	-----	368.3	--	348.0	-----	323.7	---
KXB8206	343.0	----	372.0	---	350.3	-----	326.7	----
DKC 3440	373.3	-----	367.3	--	355.0	-----	348.7	-----
LG 30215	354.7	-----	370.0	--	328.3	---	304.3	-
SY Talisman	350.0	-----	365.0	--	353.7	-----	364.0	-----
LG 31259	357.0	-----	399.0	-----	358.0	-----	356.7	-----
LG 31237	354.7	-----	362.3	-	345.7	-----	324.0	---
Gottardo KWS	364.7	-----	376.7	---	346.0	-----	348.0	-----
Bernardino KWS	355.0	-----	371.3	---	338.3	----	306.7	-
-Bezugsgrösse(n)	328.7	--	364.8	-	325.5	--	320.0	---
Versuchs-Mittel	343.9	----	377.6	----	342.5	----	330.9	----
VK [%]	4.3		4.0		4.1		4.7	
KGD (5%)	24.2		24.6		23.2		25.4	
KGD (1%)	32.2		ns		30.8		33.8	
Versuchs-Streuung	14.8		15.1		14.2		15.5	
FG Fehlerterm	58.0		58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	67.7 -----	58.7 ----	71.0 -----	71.3 -----	71.7 ----
LG 30248	65.1 ----	60.7 ----	69.0 ----	68.7 ----	70.0 ----
Benedictio KWS	63.2 ---	53.0 -	66.7 ---	64.7 ----	69.0 ---
SY Telias	65.3 ----	63.3 -----	67.3 ---	68.0 ----	72.3 -----
Severeen	65.0 ----	58.0 ---	69.7 -----	68.3 -----	69.3 ---
Amaroc	61.1 -	55.7 --	66.7 ---	65.7 ----	67.7 --
P8333	66.1 -----	61.0 ----	70.7 -----	69.7 -----	69.7 ----
ES Tourmaline	67.8 -----	66.3 -----	69.3 ----	70.7 -----	73.0 -----
KWS Robertino	64.9 ---	60.0 ----	71.0 -----	66.7 ----	70.7 ----
RH16109	65.5 ----	58.0 ---	70.7 -----	71.3 -----	68.3 ---
ES Katamaran	64.2 ----	60.3 ----	68.0 ----	63.7 ---	68.0 --
DKC 3697	62.4 --	60.0 ----	68.3 ----	61.3 --	65.7 -
RH17055	63.5 ---	59.0 ---	69.0 ----	62.7 ---	68.7 ---
RH18008	64.9 ---	59.3 ---	71.7 -----	66.3 ----	67.7 --
Farmurmel	64.6 ----	62.7 -----	67.0 ---	66.0 ----	67.0 --
LG 31245	64.5 ----	61.3 ----	70.0 -----	67.7 -----	70.7 ----
LZM 268/39	64.0 ---	60.0 ----	67.0 ----	65.0 ----	69.3 ---
DFI47198	67.8 -----	67.3 -----	70.0 -----	68.7 ----	69.3 ---
MAS 16.B	67.1 -----	63.7 -----	69.7 ----	68.7 ----	69.0 ---
GL161610	66.8 -----	61.3 ----	67.7 ----	72.7 -----	71.3 ----
SA1847	65.0 ----	60.3 ----	67.7 ----	66.7 ----	67.0 --
KXB8133	63.3 ---	58.3 ----	66.7 ---	68.0 ----	70.7 ----
KXB8206	67.3 -----	63.0 ----	71.0 -----	64.7 ----	73.3 -----
DKC 3440	62.1 --	59.3 ---	64.3 -	61.0 --	69.3 ---
LG 30215	69.3 -----	64.7 -----	71.3 -----	72.0 -----	76.0 -----
SY Talisman	62.6 --	55.7 --	65.0 -	65.3 ----	70.7 ----
LG 31259	64.0 ---	62.0 -----	66.7 ---	66.0 ----	70.3 ----
LG 31237	67.1 -----	61.3 ----	71.3 -----	68.7 ----	73.0 -----
Gottardo KWS	62.7 --	56.3 --	67.3 ----	58.7 -	67.0 --
Bernardino KWS	63.1 ---	59.7 ----	64.3 -	64.3 ----	67.3 --
-Bezugsgrösse(n)	64.1 ----	55.5 --	68.2 ----	66.5 ----	69.2 ---
Versuchs-Mittel	64.9 ----	60.3 ----	68.5 ----	66.8 ----	69.8 ----
VK [%]	4.5	6.7	3.4	4.4	3.1
KGD (5%)	1.7	6.6	3.8	4.8	3.5
KGD (1%)	2.2	ns	5.0	6.4	4.7
Versuchs-Streuung	3.0	4.0	2.3	3.0	2.1
FG Fehlerterm	464.0	58.0	58.0	58.0	58.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2788.6	29	11.04 ***	1.49	0.0000
Anbauorte	7335.7	7	120.32 ***	2.03	0.0000
WW Verf.*Anb.Orte	2744.5	203	1.55 ns	1.21	
Fehler	4041.2	464			
Insgesamt	16910.0	703			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	70.0 -----	63.7 -----	72.0 -----	63.0 ----
LG 30248	64.3 ----	62.3 ----	67.0 ----	58.7 ---
Benedictio KWS	64.0 ----	63.0 ----	64.3 ----	60.7 ----
SY Telias	65.0 ----	62.7 ----	67.0 ----	56.7 --
Severeen	64.7 ----	65.7 -----	65.3 ----	59.0 ---
Amaroc	58.3 -	59.0 --	61.3 --	54.3 -
P8333	67.7 -----	66.0 -----	61.7 --	62.7 ----
ES Tourmaline	68.3 -----	62.7 ----	69.7 -----	62.3 ----
KWS Robertino	64.3 ----	62.0 ----	65.0 ----	59.3 ---
RH16109	66.7 -----	61.7 ----	64.3 ----	63.0 ----
ES Katamaran	65.0 ----	61.0 ----	63.7 ---	64.0 -----
DKC 3697	63.0 ----	61.3 ----	59.7 -	59.7 ---
RH17055	63.0 ----	59.3 --	66.3 ----	59.7 ---
RH18008	64.3 ----	61.3 ----	67.7 -----	61.0 ----
Farmurmel	65.3 ----	62.7 ----	66.0 ----	60.3 ----
LG 31245	64.0 ----	60.0 ---	62.7 ---	60.0 ----
LZM 268/39	62.3 ----	59.7 --	66.3 ----	62.3 ----
DFI47198	67.7 -----	63.0 -----	71.3 -----	65.0 -----
MAS 16.B	68.0 -----	64.0 -----	68.3 -----	65.7 -----
GL161610	67.3 -----	59.0 --	70.0 -----	64.7 -----
SA1847	65.3 ----	65.0 -----	64.7 ----	63.3 ----
KXB8133	60.3 ---	58.0 -	65.3 ----	59.3 ---
KXB8206	70.0 -----	63.7 ----	69.0 -----	64.0 -----
DKC 3440	57.0 -	59.7 --	64.7 ----	61.7 ----
LG 30215	68.0 -----	64.7 -----	68.0 -----	69.3 -----
SY Talisman	64.0 ----	60.0 ---	63.0 ---	57.3 --
LG 31259	63.3 ----	62.0 ----	62.0 --	59.7 ---
LG 31237	71.0 -----	66.0 -----	63.7 ---	62.0 ----
Gottardo KWS	63.0 ----	63.7 ----	63.7 ---	62.0 ----
Bernardino KWS	64.7 ----	61.3 ----	62.3 --	61.0 ----
-Bezugsgrösse(n)	64.3 ----	64.3 -----	64.8 ----	59.8 ----
Versuchs-Mittel	65.0 ----	62.1 ----	65.5 ----	61.4 ----
VK [%]	3.8	6.4	4.6	3.1
KGD (5%)	4.0	ns	5.0	3.1
KGD (1%)	5.4	ns	6.6	4.1
Versuchs-Streuung	2.5	4.0	3.0	1.9
FG Fehlerterm	58.0	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	6.3 ----	5.9 -	6.5 ----	6.3 -----	6.3 ----
LG 30248	6.4 ----	6.2 -----	6.6 ----	6.2 ----	6.3 ---
Benedictio KWS	6.4 -----	6.1 -----	6.8 -----	6.0 ---	6.4 -----
SY Telias	6.5 -----	6.3 -----	6.8 -----	6.3 -----	6.5 -----
Severeen	6.4 ----	6.2 ----	6.4 --	6.2 ----	6.2 ---
Amaroc	6.4 ----	6.2 -----	6.5 ----	6.1 ----	6.3 ----
P8333	6.3 ----	5.8 -	6.4 -	6.0 ---	6.3 ----
ES Tourmaline	6.4 ----	6.1 ----	6.4 --	6.1 ----	6.4 -----
KWS Robertino	6.4 ----	6.2 ----	6.6 ----	6.2 ----	6.3 ----
RH16109	6.4 ----	6.3 -----	6.5 ---	6.3 -----	6.3 ----
ES Katamaran	6.5 -----	6.3 -----	6.7 -----	6.5 -----	6.4 ----
DKC 3697	6.4 ----	6.1 ----	6.6 ----	5.9 -	6.3 ----
RH17055	6.4 ----	6.2 ----	6.7 ----	6.1 ----	6.4 -----
RH18008	6.4 ----	6.0 ---	6.7 ----	6.0 ---	6.2 ---
Farmurmel	6.4 ----	6.2 ----	6.8 -----	6.1 ----	6.4 ----
LG 31245	6.4 ----	6.0 --	6.7 -----	6.1 ----	6.5 -----
LZM 268/39	6.3 ---	5.9 -	6.6 ----	6.0 ---	6.3 ---
DFI47198	6.4 ----	6.1 ----	6.6 ----	6.1 ----	6.3 ----
MAS 16.B	6.3 ---	6.2 ----	6.5 ----	5.9 -	6.1 -
GL161610	6.4 ----	6.4 -----	6.4 --	6.1 ----	6.5 -----
SA1847	6.3 ---	6.1 ----	6.5 ---	5.9 --	6.3 ---
KXB8133	6.4 ----	6.1 ----	6.7 -----	6.0 ---	6.3 ----
KXB8206	6.3 ----	6.1 ----	6.5 ----	5.9 -	6.4 ----
DKC 3440	6.3 --	6.1 ----	6.5 ----	6.1 ----	6.3 ----
LG 30215	6.3 ---	6.2 ----	6.4 --	6.0 ---	6.4 ----
SY Talisman	6.3 ----	6.4 -----	6.5 ---	6.0 ---	6.4 -----
LG 31259	6.2 -	6.3 -----	6.3 -	5.8 -	6.2 ---
LG 31237	6.4 ----	6.3 -----	6.4 --	6.0 ---	6.3 ---
Gottardo KWS	6.3 ---	6.2 ----	6.4 --	5.9 --	6.3 ----
Bernardino KWS	6.3 ----	6.0 ---	6.5 ---	5.9 --	6.4 ----
-Bezugsgrösse(n)	6.4 ----	6.2 ----	6.6 ----	6.1 ----	6.3 ----
Versuchs-Mittel	6.4 ----	6.1 ----	6.6 ----	6.1 ----	6.3 ----
VK [%]	2.9	3.7	2.8	3.3	3.1
KGD (5%)	0.1	ns	ns	0.3	ns
KGD (1%)	0.1	ns	ns	ns	ns
Versuchs-Streuung	0.2	0.2	0.2	0.2	0.2
FG Fehlerterm	464.0	58.0	58.0	58.0	58.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3.9	29	3.83 ***	1.49	0.0000
Anbauorte	22.7	7	93.18 ***	2.03	0.0000
WW Verf.*Anb.Orte	9.3	203	1.31 ns	1.21	
Fehler	16.2	464			
Insgesamt	52.0	703			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	6.4 -----	6.1 --	6.5 ----	6.6 -----
LG 30248	6.5 -----	6.2 -----	6.5 ----	6.4 --
Benedictio KWS	6.5 -----	6.4 -----	6.7 -----	6.5 ---
SY Telias	6.5 -----	6.3 -----	6.7 -----	6.6 -----
Severeen	6.3 ----	6.4 -----	6.5 ----	6.5 ---
Amaroc	6.5 -----	6.4 -----	6.5 ----	6.4 --
P8333	6.5 -----	6.4 -----	6.7 -----	6.5 ----
ES Tourmaline	6.5 -----	6.2 ----	6.5 ----	6.7 -----
KWS Robertino	6.6 -----	6.3 ----	6.5 ----	6.6 -----
RH16109	6.5 -----	6.2 ----	6.4 ---	6.8 -----
ES Katamaran	6.5 -----	6.4 -----	6.9 -----	6.7 -----
DKC 3697	6.5 -----	6.3 ----	6.6 -----	6.7 -----
RH17055	6.3 ----	6.2 ----	6.4 ---	6.7 -----
RH18008	6.5 -----	6.2 ----	6.6 -----	6.7 -----
Farmurmel	6.5 -----	6.3 ----	6.6 -----	6.6 -----
LG 31245	6.6 -----	6.4 -----	6.6 -----	6.7 -----
LZM 268/39	6.3 ----	6.0 --	6.6 -----	6.6 -----
DFI47198	6.4 -----	6.0 -	6.7 -----	6.7 -----
MAS 16.B	6.2 ---	6.2 ----	6.4 ---	6.7 -----
GL161610	6.5 -----	6.3 ----	6.5 ----	6.8 -----
SA1847	6.5 -----	6.2 ----	6.4 ---	6.5 ---
KXB8133	6.3 ----	6.3 ----	6.3 --	6.7 -----
KXB8206	6.3 ----	6.2 ----	6.5 ----	6.7 -----
DKC 3440	6.0 -	6.3 ----	6.2 -	6.4 --
LG 30215	6.1 --	6.1 ---	6.4 --	6.8 -----
SY Talisman	6.3 ----	6.4 -----	6.3 --	6.4 -
LG 31259	6.1 -	6.1 ---	6.2 -	6.3 -
LG 31237	6.5 -----	6.4 -----	6.2 -	6.7 -----
Gottardo KWS	6.2 ---	6.4 -----	6.4 --	6.5 ---
Bernardino KWS	6.3 ----	6.5 -----	6.4 --	6.7 -----
-Bezugsgrösse(n)	6.4 -----	6.4 -----	6.6 -----	6.5 ---
Versuchs-Mittel	6.4 ----	6.3 ----	6.5 ----	6.6 -----
VK [%]	2.9	2.3	2.3	2.9
KGD (5%)	0.3	0.2	0.2	ns
KGD (1%)	ns	0.3	0.3	ns
Versuchs-Streuung	0.2	0.1	0.2	0.2
FG Fehlerterm	58.0	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	6.5 ---	5.9 -	6.7 ---	6.4 -----	6.5 ----
LG 30248	6.5 ----	6.2 ----	6.8 -----	6.3 -----	6.4 ---
Benedictio KWS	6.6 -----	6.2 ----	7.1 -----	6.1 ---	6.5 ----
SY Telias	6.7 -----	6.4 -----	7.1 -----	6.5 -----	6.7 -----
Severeen	6.5 ----	6.3 ----	6.6 ---	6.3 ----	6.4 ---
Amaroc	6.5 ----	6.3 ----	6.8 ----	6.2 ----	6.4 ----
P8333	6.5 ----	5.9 -	6.5 -	6.1 ---	6.5 ----
ES Tourmaline	6.5 ----	6.2 ----	6.7 ---	6.1 ---	6.6 -----
KWS Robertino	6.6 ----	6.2 ----	6.8 ----	6.3 ----	6.5 ----
RH16109	6.6 -----	6.5 -----	6.7 ---	6.5 -----	6.4 ----
ES Katamaran	6.8 -----	6.4 -----	7.0 -----	6.7 -----	6.6 -----
DKC 3697	6.5 ----	6.2 ----	6.8 ----	5.8 -	6.5 ----
RH17055	6.5 ----	6.3 ----	7.0 -----	6.1 ---	6.7 -----
RH18008	6.5 ----	6.0 --	7.0 -----	6.0 --	6.3 --
Farmurmel	6.6 -----	6.3 ----	7.1 -----	6.1 ---	6.5 ----
LG 31245	6.6 -----	6.0 --	7.1 -----	6.1 ---	6.7 -----
LZM 268/39	6.4 --	5.9 -	6.8 ----	6.1 ---	6.4 ---
DFI47198	6.5 ----	6.2 ----	6.9 ----	6.2 ----	6.5 ----
MAS 16.B	6.4 --	6.2 ----	6.7 ----	5.9 --	6.2 -
GL161610	6.6 -----	6.7 -----	6.6 --	6.1 ---	6.7 -----
SA1847	6.4 ---	6.1 ---	6.7 ----	5.9 --	6.4 ---
KXB8133	6.5 ----	6.3 ----	7.0 -----	6.1 ---	6.5 ----
KXB8206	6.5 ----	6.3 ----	6.7 ----	6.0 --	6.6 ----
DKC 3440	6.4 --	6.2 ----	6.8 ----	6.2 ----	6.4 ----
LG 30215	6.5 ---	6.3 ----	6.6 --	6.1 ---	6.6 ----
SY Talisman	6.5 ----	6.6 -----	6.7 ---	6.1 ---	6.6 -----
LG 31259	6.3 -	6.4 -----	6.5 -	5.9 -	6.4 ---
LG 31237	6.5 ----	6.4 -----	6.6 ---	6.1 ---	6.4 ---
Gottardo KWS	6.4 --	6.3 ----	6.6 --	6.0 --	6.5 ----
Bernardino KWS	6.5 ---	6.0 --	6.7 ---	5.9 --	6.5 ----
-Bezugsgrösse(n)	6.6 ----	6.3 ----	6.9 ----	6.2 ----	6.5 ----
Versuchs-Mittel	6.5 ----	6.2 ----	6.8 ----	6.1 ----	6.5 ----
VK [%]	3.7	4.7	3.5	4.0	3.9
KGD (5%)	0.1	ns	0.4	0.4	ns
KGD (1%)	0.2	ns	ns	ns	ns
Versuchs-Streuung	0.2	0.3	0.2	0.2	0.3
FG Fehlerterm	464.0	58.0	58.0	58.0	58.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	6.6	29	3.93 ***	1.49	0.0000
Anbauorte	38.1	7	94.71 ***	2.03	0.0000
WW Verf.*Anb.Orte	15.9	203	1.36 ns	1.21	
Fehler	26.7	464			
Insgesamt	87.3	703			

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

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	6.6 -----	6.1 --	6.7 ----	6.8 ----
LG 30248	6.7 -----	6.3 -----	6.7 ----	6.6 --
Benedictio KWS	6.8 -----	6.5 -----	6.9 -----	6.7 ---
SY Telias	6.7 -----	6.5 -----	7.0 -----	6.9 -----
Severeen	6.4 ----	6.6 -----	6.8 ----	6.7 ---
Amaroc	6.6 -----	6.6 -----	6.7 ----	6.6 --
P8333	6.7 -----	6.6 -----	6.9 -----	6.7 ----
ES Tourmaline	6.6 -----	6.4 ----	6.7 ----	7.0 -----
KWS Robertino	6.9 -----	6.4 ----	6.7 ----	6.8 ----
RH16109	6.7 -----	6.4 ----	6.6 ---	7.0 -----
ES Katamaran	6.8 -----	6.6 -----	7.3 -----	6.9 ----
DKC 3697	6.6 -----	6.4 ----	6.7 ----	6.9 ----
RH17055	6.5 ----	6.4 ----	6.6 --	6.9 ----
RH18008	6.6 -----	6.3 ----	6.8 ----	6.9 -----
Farmurmel	6.7 -----	6.4 ----	6.9 -----	6.8 ----
LG 31245	6.8 -----	6.5 -----	6.7 ----	6.9 -----
LZM 268/39	6.4 ----	6.1 ---	6.8 ----	6.8 ----
DFI47198	6.6 -----	6.0 -	7.0 -----	7.0 -----
MAS 16.B	6.3 ---	6.3 ----	6.6 ---	6.9 -----
GL161610	6.7 -----	6.5 -----	6.6 ---	7.0 -----
SA1847	6.7 -----	6.3 ----	6.6 --	6.8 ----
KXB8133	6.5 ----	6.4 ----	6.5 -	7.0 -----
KXB8206	6.5 ----	6.4 ----	6.6 ---	6.9 -----
DKC 3440	6.1 -	6.5 -----	6.4 -	6.6 --
LG 30215	6.2 --	6.2 ----	6.5 --	7.1 -----
SY Talisman	6.4 ----	6.5 -----	6.5 -	6.5 -
LG 31259	6.2 --	6.1 ---	6.4 -	6.6 --
LG 31237	6.6 -----	6.6 -----	6.4 -	6.9 -----
Gottardo KWS	6.2 --	6.5 -----	6.5 --	6.6 --
Bernardino KWS	6.4 ----	6.6 -----	6.5 --	6.9 -----
-Bezugsgrösse(n)	6.6 -----	6.6 -----	6.9 -----	6.7 ---
Versuchs-Mittel	6.6 ----	6.4 ----	6.7 ---	6.8 ----
VK [%]	3.6	2.8	3.1	3.7
KGD (5%)	0.4	0.3	0.3	ns
KGD (1%)	0.5	0.4	0.4	ns
Versuchs-Streuung	0.2	0.2	0.2	0.3
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

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	2019	
			Saattermin / date de semis	Erntetermin / date de récolte
1260	Nyon	430	06.05.19	17.09.19
1567	Delley (Avenches)	432	16.05.19	11.09.19
1869	Massongex	395	18.05.19	nicht geerntet / ne pas récolté
1896	Vouvry	404	30.04.19	07.10.19
3065	Habstetten	680	16.05.19	15.10.19
8046	Reckenholz	440	17.05.19	30.09.19
8196	Eglisau	395	15.05.19	08.10.19
8566	Ellighausen	503	27.05.19	16.10.19
9436	Balgach	408	16.05.19	10.10.19

3.3.2 Sorten / Status

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
Indexx	RH09029	SC	RAGT 2n	Fenaco, Moudon		SM21/S
LG 30306	LZM 358/69	SC	Limagrain / Europe	Fenaco, Moudon		SM21/T
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	Euralis		SM21/S
P8666	X80H166	SC	Pioneer	Pioneer, Manno		SM21/S
P8888	X85H899	SC	Pioneer	Pioneer, Manno		SM21/e2
P9911	X00B109	SC	Pioneer	Pioneer, Manno		SM21/e2
SY Glorius	SA1826	TC	Syngenta, CH	Syngenta, Dielsdorf		SM21/e2
SY Collosseum	SA2006	SC	Syngenta, CH	Syngenta, Dielsdorf		SM21/e2
DFI45906	DFI45906	SC	DSP, Delley	DSP, Delley		SM21/2.
Erasmus	SA2184	TC	Deutsche Saatveredelung AG	mehrere		SM21/e2
Farmumba	SM G0274	SC	von Moreau Saatzzucht, D	Samen Steffen, Langenthal		SM21/e1
LG 31280	LZM 267/33	SC	Limagrain / Europe	Fenaco, Moudon		SM21/e1
LG 31272	LZM 267/54		Limagrain / Europe	Fenaco, Moudon	KM21/e1	SM21/e1
LG 31479		SC	Limagrain / Europe	Fenaco, Moudon		SM21/e1
P8834	X90M326	SC	Pioneer	Pioneer, Manno	KM21/e1	SM21/e1
P9363	S90K696		Pioneer	Pioneer, Manno		SM21/e1
DFI46661	DFI46661		DSP, Delley	DSP, Delley		SM21/1.
Prestol	SM1175	SC	Saaten Union GmbH	Hauenstein, Rafz	KM21/e1	SM21/e1
SY Impulse	SB2215		Syngenta, CH	Syngenta, Dielsdorf	KM21/e1	SM21/e1
SY Enermax	SC2685		Syngenta, CH	Syngenta, Dielsdorf	KM21/e1	SM21/e1
Bigbeat	KXB7342	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
KXB8152	KXB8152		KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
KXB8201	KXB8201		KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
KXB8202	KXB8202		KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
KXB8207	KXB8207		KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
KXB8357	KXB8357		KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM21/e1
Vitalico KWS	KXB6143		KWS, Einbeck	KWS Suisse SA, Basel		SM21/T
P1758	P1758		Pioneer	Pioneer		FS
ES Faraday	ESZ5303		Euralis			FS
xyz						FS
Shannon			Advanta (LG)			FS
P9903	X00C209		Pioneer / USA	Pioneer, Manno	KM41/S	FS
Farmirage	BPZ 4114		Farmsaat	Samen Steffen,		FS
DKC 4652			Monsanto, USA	Monsanto, Morges		FS

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

Technische Versuchsausgaben / données techniques / technical information									
Standort / lieu / site:	Nyon (430 m ü.M.)	Vouvry (404 m ü.M.)	Habstetten (620 m ü.M.)	Avenches (434 m ü.M.)	Zürich- Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (503 m ü.M.)	Baggach (408 m ü.M.)	
Bodenart / type de sol / soil type:	limono sableux	limono sableux (argile 22% - MO 2,7% - pH 8,0)	sandiger Lehm	Argile tourbeux	Para-Kalkbraunerde	Humos eher leicht	-	toniger Lehm, schwach humes	
Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfall: (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):	08.07. Irrigation: 30 mm; 17.07. Irrigation: 30 mm; 24.07. Irrigation: 30 mm; pluviométrie : 343mm / 1686,4°C	713,2 mm 1956,5°C (selon Agrometeo, station Yvorne)	513,1 mm 1701,3 °C	390,8 mm (selon Agrometeo, station Praz) 1851,1°C (selon Agrometeo, station Praz, seuil 6°C)	445,2 mm 1688,5 °C	483,6 mm 1737,4 °C (Agrometeo, Station Steinmaur)	465,4 mm 1609,9 °C	483,5 mm (Meteostation Bernegg-Feuerbrand) 1741,5°C (Meteostation Bernegg-Indermaur)	
Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen / blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzellengröße / grandeurs d'une parcelle / plot size:	4reihig, mit 0,8m Weg (22.4m2 brutto), 10m2 netto	4reihig, mit 0,8m Weg (22.4m2 brutto), 10 m2 netto	4reihig, mit 0,8m Weg (22.4m2 brutto), 10 m2 netto	Semé: 17 m2, per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs Récolte: 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	blé automne	orge / Gerste	maïs grain	Kunstwiese / prairie temporaire / temporary grassland	Zuckerrüben	Raps / Gründüngung UFA Leplin	Kunstwiese/ prairie temporaire / temporary grassland	
Bodenbearbeitung / travail du sol / soil cultivation:	labour: 02.05.; herse relative: 06.05.	Pflug und Kreiselegge / charrue et herse relative / plough and rotary harrow	Pflug und Kreiselegge / charrue et herse relative / plough and rotary harrow	02.05.2019; Labour 02.05.2019; Herse relative 16.05.2019; Herse relative	Pflug (23.11.18), Egge (Mai) / charrue et herse / plough and harrow	Pflug und Kreiselegge / charrue et herse relative / plough and rotary harrow	Pflug (Hebs) und 2 mal Kulturegge / charrue (autumn) et herse relative / plough (fall) and rotary harrow	Späten, 07.05.2019, Rototiller 14.05.2019 und 16.05.2019	
Saat / date de semis / sowing date:	06.05.2019	30.04.2019	16.05.2019	16.05.2019 (jour 136)	17.05.2019	15.05.2019	27.05.2019	16.05.2019	
Ernte / date de récolte / harvest date:	17.09.2019	07.10.2019	15.10.2019	11.09.2019 (jour 254)	30.09.2019	08.10.2019	16.10.2019	10.10.2019	

Technische Versuchsaangaben / données techniques / technical information									
Standort / lieu / site:	Nyon (430 m ü.M.)	Vouvry (404 m ü.M.)	Habstetten (620 m ü.M.)	Avenches (434 m ü.M.)	Zürich- Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (503 m ü.M.)	Balgach (408 m ü.M.)	
Saadichte / densité de semis / sowing density:	9,1 Körner / grains pro m ²	9,1 Körner / grains pro m ²	9,1 Körner / grains pro m ²	Semis: 10,8 grains / m ² , éclairci à 9,1 plantes/m ²	10,1 Körner / grains pro m ²	10,1 Körner / grains pro m ²	10,1 Körner / grains pro m ²	9,7 Körner / grains pro m ²	
Vegetationsdauer / durée de végétation / growing period	134 Tage / jours / days	160 Tage / jours / days	152 Tage / jours / days	118 jours	136 Tage / jours / days	146 Tage / jours / days	142 Tage / jours / days	147 Tage / jours / days	
Reihenabstand / interlignes / row distance:	75 cm	75 cm	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm	
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-	-	-	04.06.2019 hacken zwischen den Reihen gekoppelt mit Düngung	-	-	-	Reihenfräsen 04.06.2019
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Gardo Gold 4 l/ha Banvel 4S 0,5 l/ha Elumis 1,3 l/ha (06.06.2019)	1 l/ha Elumis + 3 l/ha Gardo Gold	Elumis 1,3 l/ha + Spectrum 1,2 l/ha 4.06.19	17.06.2019: Dual Gold (1,025 l/ha) + Elumis (1,3 l/ha)	28.06.2019: Aspect 2 l/ha, Laudis 2 l/ha, Banvel 4S 0,5 l/ha	Equip Power und Spectrum (22.06.2019)	Gardo Gold 4 l/ha, Callisto 0,75 l/ha, Banvel 4S 0,5 l/ha	-	
Grunddüngung / fumure de base / basic fertilisation:	02.08.18: 132 m ³ liser boi/ha (94 kg N/ha, 47 kg P/ha, 127 kg K/ha)	Fumure de base Landor 13-9-16 500kg/ha	16.04. Kall 60 %, 200 kg/ha; Granuphos 17 %; 310 kg/ha	-	-	-	Stallmist 200 dtha	06.06.2019 Rindergülle 35 m ³ /ha, Laufsalmist 18 t/ha und Kompost 12 t/ha	
N-Düngung / fumure N / N fertilisation:	Nitrate ammoniacque 21,5. 60 kg N/ha; urée perlée 48 % 20.06. 60 kg N/ha	400 kg /ha Entec 26%	28.05. 40,5 kg N/ha ammonitrate; 14,06. 82 kg N/ha (Harnstoff)	16.05.2019: Urée 46,0,0 (293 kg/ha)	60 kg N/ha Mg-Ammonsalpeter 24 % + 5% (2,5 dtha) (04.06.2019)	Harnstoff (46%) 161 kg N/ha (1,8 kg N/ha)	23.04.2019: Ammonsalpeter (2 kg N/ha); 17.05.2019: Harnstoff (1,8 kg N/ha)	15.06.2019 Ammonsalpeter 24 % N 350 kg/ha	
N-Mineralisierung zu Vegetationsbeginn / minéralisation azote au début de la saison / N mineralisation at the beginning of the vegetation period:	-	-	-	-	-	-	-	-	
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	New Holland Versuchsmaishäcksler

3.3.4 Index / Indice

Sorte	Status	VOS	Ertrag	Reife	Jugend-entwi.	Wurzellaag.		Wurzellaag. Ernte	Stängelbr. Ernte	Beulenbrand	Oekon. Index	Agron. Index	Gesamt-Index
						Veg.	Ernte						
P9363	e1	11.24	0.40	-1.54	-0.06	0.62			0.20	0.89	11.63	0.11	11.74
P9903	FS	11.80	-3.06	-1.92	0.03	1.01			0.20	1.02	8.74	0.34	9.08
SY Enermax	e1	10.39	-4.05	1.90	-0.03	-0.62			0.20	1.02	6.35	2.47	8.81
P1758	FS	6.99	8.86	-10.17	-0.08	0.68			0.20	1.14	15.86	-8.23	7.63
P8888	e2	5.96	1.85	-1.78	0.04	0.03			0.20	0.19	7.81	-1.32	6.50
Shannon	FS	11.19	-2.70	-4.33	-0.18	0.49			0.20	0.67	8.49	-3.16	5.33
P8834	e1	9.60	-5.53	0.39	0.23	0.03			0.20	0.28	4.07	1.13	5.20
KXB8202	e1	3.73	1.93	-1.72	0.16	0.29			0.20	-0.40	5.66	-1.46	4.19
ES Faraday	FS	10.88	-4.64	-3.87	0.07	0.42			0.20	0.99	6.24	-2.18	4.06
P9911	e2	3.33	3.97	-6.34	0.15	0.78			0.20	0.70	7.29	-4.51	2.78
KXB8357	e1	7.64	-2.49	-4.42	0.08	0.94			0.20	0.74	5.15	-2.46	2.69
LG 31479	e1	14.60	-6.36	-6.36	0.08	0.29			0.20	-0.38	8.23	-6.17	2.07
SY Impulse	e1	8.59	-9.61	2.09	-0.15	0.81			0.20	-0.02	-1.02	2.93	1.90
KXB8152	e1	7.91	-8.72	1.93	0.57	-1.07			0.20	0.71	-0.81	2.33	1.52
LG 30306	S	-0.14	0.91	-1.82	0.08	1.01			0.20	0.94	0.77	0.41	1.18
DKC 4652	FS	8.38	-7.28	-2.09	-0.09	0.81			0.20	1.19	1.10	0.02	1.12
LG 31280	e1	1.58	0.01	-1.15	0.29	-0.23			0.20	0.31	1.58	-0.59	0.99
LG 31272	e1	2.59	-5.76	3.10	0.41	-0.62			0.20	0.86	-3.17	3.95	0.78
Vitalico KWS	T	2.00	-6.55	3.99	0.22	-1.27			0.20	1.02	-4.55	4.17	-0.38
SY Glorius	e2	-1.90	-1.17	0.78	0.63	0.49			0.20	0.28	-3.08	2.38	-0.70
P8666	S	0.14	-0.91	1.82	-0.08	-1.01			-0.20	-0.94	-0.77	-0.41	-1.18
Farmirage	FS	4.87	-6.65	-0.55	0.37	-0.36			0.20	0.60	-1.78	0.26	-1.52
KXB8207	e1	-1.11	7.62	-5.91	0.49	-0.49			0.20	-3.94	6.51	-9.64	-3.13
SY Collosseum	e2	-4.34	1.13	-0.25	0.36	-0.62			0.20	0.38	-3.21	0.07	-3.14
Figaro KWS	S	1.25	-6.45	-0.04	0.25	0.16			0.20	1.02	-5.20	1.58	-3.62
Erasmus	e2	6.34	-8.45	-2.82	0.21	0.16			0.20	0.52	-2.11	-1.72	-3.83
Walterinio KWS	S	2.84	-7.11	-1.23	0.17	0.94			0.20	-0.97	-4.27	-0.88	-5.15
ES Metronom	S	1.48	-7.52	0.38	0.40	-0.94			0.20	0.03	-6.04	0.07	-5.96
Indexx	S	0.76	-7.82	-2.63	0.28	-1.14			0.20	0.73	-7.06	-2.57	-9.63
KXB8201	e1	-2.78	-6.12	-1.25	0.11	-0.49			0.20	0.62	-8.90	-0.81	-9.71
DFI45906	2.	-0.14	-13.05	2.67	0.43	-0.75			-0.19	1.03	-13.19	3.19	-9.99
Bigbeat	e1	1.64	-7.77	-5.08	0.26	0.16			0.20	0.16	-6.13	-4.30	-10.43
Prestol	e1	-7.93	-7.89	1.92	0.34	0.68			0.20	0.95	-15.82	4.09	-11.73
DFI46661	1.	-5.40	-9.35	3.41	0.36	-0.75			0.20	-0.43	-14.75	2.80	-11.95
Farmumba	e1	-0.93	-10.50	-1.36	0.42	-0.10			0.20	0.04	-11.43	-0.80	-12.24
x/y/z	FS	-3.48	-18.82	-1.22	0.07	-0.36			0.20	-1.34	-22.30	-2.65	-24.95
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	21	3			3	21			
Anz. Orte		8	8	8	7	1			1	7			
Gewichtung		0.40	0.50	1.25	0.50	0.25			0.75	0.25			

3.3.5 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- ent- wicklg. Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Green snap Note	Green snap %	Wurzel- lager Veg. %	Stängel- bruch Ernte %
Indexx	3.8	73.1	72.6	260.9	134.5	51.5	1.1	0.6	70.8	0.0
LG 30306	4.2	76.7	76.2	279.2	144.4	52.2	0.8	-1.1	2.1	0.0
Walterinio KWS	4.0	74.9	73.3	284.3	138.4	48.9	5.0	25.9	4.2	0.0
Figaro KWS	3.8	73.2	72.4	265.1	132.6	50.1	2.0	6.9	29.2	0.0
ES Metronom	3.5	72.0	71.6	263.7	126.9	48.1	1.3	1.7	64.6	0.0
P8666	4.5	75.6	75.4	260.7	133.7	51.5	1.0	-0.1	66.7	4.2
P8888	4.3	74.4	74.2	279.3	133.2	47.9	1.0	0.1	33.3	0.0
P9911	4.0	77.6	77.7	271.8	138.0	50.8	0.9	-0.7	9.6	0.0
SY Glorius	3.0	73.0	71.9	276.1	125.9	45.7	1.4	2.6	18.8	0.0
SY Collosseum	3.6	73.3	72.0	284.0	125.3	44.2	2.5	9.4	54.2	0.0
DFI45906	3.4	71.2	70.2	265.4	123.2	46.6	2.2	7.3	58.3	4.2
Erasmus	3.9	73.8	73.2	266.8	132.9	49.9	1.4	3.4	29.2	0.0
Farmumba	3.4	74.4	73.1	257.2	123.7	48.6	1.5	3.3	37.5	0.0
LG 31280	3.7	73.4	72.7	286.0	130.7	45.7	2.9	11.6	41.7	0.0
LG 31272	3.5	72.3	71.4	276.9	140.8	50.8	1.6	4.1	54.2	0.0
LG 31479	4.2	78.4	77.8	288.6	143.4	49.8	2.1	6.7	25.0	0.0
P8834	3.9	74.9	74.6	255.9	139.3	54.5	1.4	2.8	33.3	0.0
P9363	4.5	75.7	76.2	253.4	123.3	48.7	1.1	0.5	14.6	0.0
DFI46661	3.6	74.8	73.3	289.7	145.2	50.4	2.3	8.3	58.3	0.0
Prestol	3.6	73.4	71.9	262.9	120.2	45.9	1.1	0.7	12.5	0.0
SY Impulse	4.7	73.7	73.5	261.7	126.4	48.3	1.6	3.9	8.3	0.0
SY Enermax	4.5	75.3	75.6	281.3	135.8	48.5	2.4	8.9	54.2	0.0
Bigbeat	3.8	74.1	73.1	271.2	140.9	52.1	3.7	17.0	29.2	0.0
KXB8152	3.1	73.1	72.3	273.3	136.0	49.9	3.4	15.9	68.8	0.0
KXB8201	4.1	75.1	75.1	287.9	143.1	49.7	1.6	3.7	50.0	0.0
KXB8202	4.0	75.4	74.6	291.3	141.6	48.6	2.0	6.4	25.0	0.0
KXB8207	3.3	75.9	74.4	305.0	151.9	50.1	2.9	12.2	50.0	0.0
KXB8357	4.2	75.8	74.6	260.8	133.2	51.0	1.2	1.3	4.2	0.0
Vitalico KWS	3.9	73.3	72.4	270.1	135.6	50.5	2.1	6.6	75.0	0.0
P1758	4.6	78.5	78.8	279.2	135.7	48.8	1.0	0.1	12.5	0.0
ES Faraday	4.2	76.0	74.8	273.6	137.2	50.3	1.4	2.4	20.8	0.0
XYZ	4.2	71.8	70.8	264.5	133.2	50.5	2.2	7.3	45.8	0.0
Shannon	4.8	78.0	77.9	280.9	142.0	50.6	2.7	10.8	18.8	0.0
P9903	4.3	77.5	77.3	263.6	128.8	49.0	1.5	3.2	2.1	0.0
Farmirage	3.5	72.7	71.5	257.8	123.1	48.2	1.5	3.6	45.8	0.0
DKC 4652	4.6	76.6	76.5	257.2	130.9	51.0	1.5	3.4	8.3	0.0
Bezugsgrösse(n)	4.4	76.1	75.8	269.9	139.0	51.9	0.9	-0.6	34.4	2.1
Versuchs-Mittel	4.0	74.7	74.0	272.4	134.2	49.4	1.9	5.6	34.4	0.2
VK [%]	13.7	1.3	1.3	3.9	6.0	6.0	47.6	133.2	66.2	724.3
KGD (5%)	0.3	0.7	0.6	7.6	5.8	2.1	1.5	8.5	37.0	
KGD (1%)	0.4	0.9	0.8	10.0	7.7	2.8	1.9	11.2	49.2	
Versuchs-Streuung	0.5	1.0	1.0	10.6	8.1	3.0	0.9	7.4	22.7	1.7
FG Fehlerterm	430.0	360.0	360.0	290.0	305.0	320.0	55.0	125.0	68.0	70.0
Anz. Beob.	21.0	18.0	18.0	15.0	15.0	15.0	3.0	6.0	3.0	3.0
Anz. Orte	7.0	6.0	6.0	5.0	5.0	5.0	1.0	2.0	1.0	1.0
Minimum	3.0	71.2	70.2	253.4	120.2	44.2	0.8	-1.1	2.1	0.0
Maximum	4.8	78.5	78.8	305.0	151.9	54.5	5.0	25.9	75.0	4.2

Sorten Bezeichnung	Helmin. thosp. 1. Bon. Note	Helmin. thosp. 2. Bon. 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. %	Feuchtig- keit NIRS % TS
Indexx	3.1	4.3	2.2	2.7	2.7	8.8	613.8	225.3	36.9	31.7
LG 30306	2.4	3.4	1.2	1.3	2.7	8.8	651.2	242.7	37.5	32.5
Walterinio KWS	3.0	4.2	9.9	4.4	2.7	9.0	606.4	226.7	38.0	34.1
Figaro KWS	1.2	1.7	0.8	1.2	2.3	8.9	588.9	228.0	39.0	35.5
ES Metronom	2.6	3.9	5.3	1.7	2.0	8.7	577.8	225.9	39.3	36.0
P8666	1.5	2.7	9.9	2.4	4.3	8.5	595.9	239.0	40.5	40.5
P8888	1.4	1.8	4.6	3.2	2.7	8.8	657.5	244.6	37.6	34.0
P9911	0.7	0.7	2.3	0.5	2.0	8.9	743.9	248.8	33.9	28.7
SY Glorius	2.7	4.2	4.2	0.9	2.3	9.1	608.9	238.6	39.6	34.9
SY Collosseum	1.4	2.8	3.8	2.3	1.3	8.9	629.0	243.2	38.8	35.6
DFI45906	2.1	4.1	0.8	5.7	3.3	8.9	527.8	214.8	41.1	37.6
Erasmus	3.4	3.7	3.1	1.0	2.0	8.6	615.7	224.0	36.7	31.6
Farmumba	2.0	3.2	5.3	1.4	2.3	9.1	586.7	219.9	37.9	35.7
LG 31280	1.7	2.3	4.1	3.0	2.7	8.8	639.6	240.9	38.1	34.2
LG 31272	3.4	6.1	1.6	1.9	4.3	8.8	558.1	229.4	41.5	41.2
LG 31479	1.3	2.0	7.2	1.7	3.7	8.7	678.6	228.2	33.9	27.5
P8834	1.4	2.6	4.2	2.4	4.0	8.7	589.6	229.8	39.3	35.9
P9363	1.4	2.0	1.4	1.7	2.3	9.2	650.2	241.7	37.8	35.7
DFI46661	1.8	2.6	7.5	4.4	5.0	8.9	543.7	222.2	41.7	38.7
Prestol	4.4	6.6	1.1	1.3	1.7	9.2	561.3	225.1	40.5	34.4
SY Impulse	2.7	4.6	5.6	2.4	2.0	8.8	552.7	221.7	40.7	37.2
SY Enermax	2.4	5.2	0.8	1.8	2.7	9.1	583.6	232.8	40.5	41.4
Bigbeat	4.9	6.9	4.8	2.2	2.7	9.1	653.1	225.4	34.9	31.4
KXB8152	2.4	3.8	2.3	3.6	2.3	9.1	557.1	223.5	40.5	34.9
KXB8201	2.5	3.7	2.7	2.7	2.0	9.0	605.1	228.7	38.0	33.2
KXB8202	3.2	4.6	7.3	1.7	2.7	9.1	655.3	244.8	37.6	34.6
KXB8207	1.6	2.2	23.5	2.5	2.0	8.9	753.0	256.1	34.3	30.8
KXB8357	1.7	2.7	2.1	2.4	2.7	8.9	666.5	235.9	35.5	30.4
Vitalico KWS	2.0	2.9	0.8	2.5	3.0	9.0	545.7	227.8	42.2	40.9
P1758	1.3	1.7	0.3	2.1	1.7	8.5	840.3	258.6	30.9	27.5
ES Faraday	1.2	2.3	1.0	1.4	1.3	8.7	647.7	231.6	35.9	30.6
XYZ	2.5	4.9	11.6	3.3	4.7	8.4	537.6	203.3	38.0	37.1
Shannon	1.9	2.3	2.5	1.8	2.7	8.8	667.7	235.5	35.5	29.4
P9903	1.1	1.9	0.8	0.7	2.7	8.8	630.3	234.8	37.5	35.1
Farmirage	2.0	3.5	2.8	2.6	3.3	8.8	597.6	227.6	38.6	34.4
DKC 4652	1.5	2.6	0.1	0.9	1.7	9.1	611.5	226.3	37.3	32.2
Bezugsgrösse(n)	1.9	3.1	5.5	1.8	3.5	8.7	623.5	240.9	39.0	36.5
Versuchs-Mittel	2.2	3.4	4.2	2.2	2.7	8.9	620.3	232.0	38.0	34.4
VK [%]	42.7	37.3	91.7	95.2	30.9	5.6	7.7	7.4	4.5	4.1
KGD (5%)	1.5	2.0	2.3	2.0	1.3	0.3	27.1	9.8	1.0	2.3
KGD (1%)	2.0	2.7	3.0	2.6	1.8	0.4	35.6	12.9	1.3	3.0
Versuchs-Streuung	0.9	1.2	3.8	2.1	0.8	0.5	47.7	17.2	1.7	1.4
FG Fehlerterm	55.0	55.0	475.0	180.0	70.0	530.0	494.0	494.0	514.0	54.0
Anz. Beob.	3.0	3.0	21.0	9.0	3.0	24.0	24.0	24.0	24.0	3.0
Anz. Orte	1.0	1.0	7.0	3.0	1.0	8.0	8.0	8.0	8.0	1.0
Minimum	0.7	0.7	0.1	0.5	1.3	8.4	527.8	203.3	30.9	27.5
Maximum	4.9	6.9	23.5	5.7	5.0	9.2	840.3	258.6	42.2	41.4

Sorten Bezeichnung	VOS- Ertrag	Stärke- Ertrag	VOS Gehalt NIR	Stärke Gehalt NIR	Rohfaser Gehalt NIR	NDF Gehalt NIR	Rohprot. Gehalt NIR	NEL Gehalt MJ/kg TS	NEV Gehalt MJ/kg TS
	dt/ha	dt/ha	g/kg TS	g/kg TS	g/kg TS	g/kg TS	g/kg TS	TS	TS
Indexx	156.3	86.7	694.5	385.5	150.6	351.4	68.2	6.3	6.4
LG 30306	168.1	90.4	692.3	370.6	162.6	370.9	65.1	6.3	6.4
Walterinio KWS	158.7	85.3	699.7	375.4	149.7	345.5	64.2	6.3	6.5
Figaro KWS	158.7	84.4	695.7	368.9	153.2	355.2	64.4	6.3	6.4
ES Metronom	157.4	84.4	696.3	370.8	150.9	349.1	67.3	6.3	6.4
P8666	165.8	87.2	692.9	363.9	155.1	363.7	64.3	6.3	6.4
P8888	172.9	88.5	707.5	361.2	155.5	358.2	64.4	6.4	6.6
P9911	173.9	91.5	700.9	366.0	164.1	367.3	63.8	6.4	6.5
SY Glorius	163.4	88.2	687.8	370.3	154.0	362.1	63.8	6.2	6.3
SY Collosseum	165.6	86.0	681.8	352.7	160.1	370.6	64.2	6.1	6.2
DFI45906	148.4	82.2	692.3	381.7	153.4	353.0	66.7	6.3	6.4
Erasmus	158.6	84.3	708.5	376.1	143.3	334.3	71.0	6.4	6.6
Farmumba	151.7	83.3	690.3	377.1	150.5	348.0	65.2	6.2	6.3
LG 31280	168.0	94.0	696.5	388.4	145.5	344.2	67.0	6.3	6.4
LG 31272	160.6	88.7	699.1	384.0	149.6	351.5	60.9	6.3	6.5
LG 31479	166.8	87.0	729.1	377.4	154.6	344.3	62.4	6.7	6.9
P8834	164.3	92.0	716.6	401.4	152.7	353.6	62.5	6.5	6.7
P9363	174.5	96.4	720.7	396.1	153.5	347.7	60.4	6.6	6.8
DFI46661	151.3	78.5	679.1	351.1	165.6	383.6	63.5	6.1	6.2
Prestol	151.1	81.0	672.8	360.3	160.4	382.9	64.8	6.0	6.1
SY Impulse	158.2	86.8	714.1	391.2	150.3	347.6	63.7	6.5	6.7
SY Enermax	167.2	89.8	718.6	386.2	155.8	355.1	61.1	6.5	6.8
Bigbeat	157.3	82.0	696.7	363.2	157.4	358.9	68.4	6.3	6.5
KXB8152	159.4	89.4	712.4	398.3	148.1	341.2	66.1	6.5	6.7
KXB8201	156.5	80.9	685.6	353.0	164.7	377.7	68.0	6.2	6.3
KXB8202	171.8	90.3	701.9	366.4	156.8	356.3	64.3	6.4	6.5
KXB8207	176.8	84.9	689.8	331.6	162.9	372.9	65.3	6.2	6.3
KXB8357	167.8	90.3	711.7	381.0	162.2	366.3	63.0	6.5	6.7
Vitalico KWS	159.1	87.5	697.6	382.6	150.4	351.1	64.0	6.3	6.5
P1758	183.8	91.3	710.1	350.4	167.6	373.3	65.7	6.5	6.6
ES Faraday	167.0	88.7	719.8	381.9	156.5	352.5	63.6	6.6	6.8
XYZ	139.3	71.8	683.9	352.7	160.6	368.7	68.4	6.2	6.3
Shannon	169.8	89.5	720.6	376.9	152.8	345.3	62.8	6.6	6.8
P9903	169.6	93.4	722.1	396.7	154.6	349.2	60.8	6.6	6.8
Farmirage	160.6	88.8	704.8	388.5	148.2	341.3	66.2	6.4	6.6
DKC 4652	161.5	89.3	713.5	392.5	151.1	346.5	63.4	6.5	6.7
Bezugsgrösse(n)	166.9	88.8	692.6	367.3	158.9	367.3	64.7	6.3	6.4
Versuchs-Mittel	162.8	87.1	701.6	374.2	155.1	356.7	64.7	6.4	6.5
VK [%]	8.3	10.4	2.6	6.2	6.2	5.3	4.8	3.2	4.1
KGD (5%)	7.6	5.1	10.4	13.1	5.5	10.8	1.8	0.1	0.2
KGD (1%)	10.1	6.7	13.7	17.2	7.2	14.2	2.3	0.2	0.2
Versuchs-Streuung	13.5	9.0	18.4	23.1	9.6	19.1	3.1	0.2	0.3
FG Fehlerterm	494.0	524.0	499.0	514.0	514.0	499.0	514.0	499.0	529.0
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	139.3	71.8	672.8	331.6	143.3	334.3	60.4	6.0	6.1
Maximum	183.8	96.4	729.1	401.4	167.6	383.6	71.0	6.7	6.9

3.3.6 Details / Détails

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	3.8 ----	5.2 -----	2.7 ----	5.0 -----	4.6 ----
LG 30306	4.2 -----	5.3 -----	3.7 -----	5.0 -----	5.3 -----
Walterinio KWS	4.0 -----	5.1 -----	2.3 ---	5.3 -----	5.0 -----
Figaro KWS	3.8 ----	5.2 -----	2.7 ----	5.0 -----	5.7 -----
ES Metronom	3.5 ---	5.0 ----	3.0 ----	4.0 --	4.6 ----
P8666	4.5 -----	5.5 -----	4.0 -----	5.7 -----	5.7 -----
P8888	4.3 -----	5.6 -----	4.3 -----	5.0 -----	5.0 -----
P9911	4.0 ----	5.3 -----	3.3 -----	4.7 -----	5.0 -----
SY Glorius	3.0 -	4.1 -	2.0 --	3.7 -	4.0 -
SY Collosseum	3.6 ---	4.7 ---	2.0 --	4.3 ---	4.7 ---
DFI45906	3.4 ---	4.5 ---	3.0 ----	4.3 ----	4.0 -
Erasmus	3.9 -----	5.4 -----	3.7 -----	5.3 -----	4.6 ----
Farmumba	3.4 ---	4.7 ---	2.7 ---	4.0 --	4.0 -
LG 31280	3.7 ----	5.2 -----	3.3 -----	4.0 --	5.0 -----
LG 31272	3.5 ---	4.6 ---	3.0 ----	4.3 ----	4.0 -
LG 31479	4.2 -----	5.7 -----	4.0 -----	4.7 -----	5.1 -----
P8834	3.9 -----	5.6 -----	3.3 -----	5.0 -----	5.0 -----
P9363	4.5 -----	5.7 -----	4.0 -----	5.0 -----	5.7 -----
DFI46661	3.6 ---	4.9 ---	3.3 -----	4.3 ---	4.0 -
Prestol	3.6 ---	4.4 --	3.3 -----	5.0 -----	4.3 --
SY Impulse	4.7 -----	6.1 -----	4.3 -----	5.7 -----	6.0 -----
SY Enermax	4.5 -----	5.5 -----	4.0 -----	5.3 -----	5.6 -----
Bigbeat	3.8 ----	4.6 ---	3.0 ----	5.0 -----	5.0 -----
KXB8152	3.1 -	4.1 -	2.3 ---	4.0 --	4.3 --
KXB8201	4.1 -----	4.7 ---	3.0 ----	5.3 -----	5.3 -----
KXB8202	4.0 -----	5.6 -----	3.0 ----	5.3 -----	5.0 -----
KXB8207	3.3 --	4.9 ----	1.7 -	4.3 ----	4.0 -
KXB8357	4.2 -----	5.3 -----	4.0 -----	5.3 -----	5.0 -----
Vitalico KWS	3.9 ----	4.6 ---	3.0 ----	5.0 -----	5.3 -----
P1758	4.6 -----	5.7 -----	3.7 -----	5.7 -----	6.0 -----
ES Faraday	4.2 -----	5.4 -----	3.3 -----	5.7 -----	5.3 -----
XYZ	4.2 -----	5.3 -----	3.7 -----	5.7 -----	5.0 -----
Shannon	4.8 -----	6.1 -----	4.7 -----	5.3 -----	5.7 -----
P9903	4.3 -----	5.4 -----	3.7 -----	5.0 -----	5.7 -----
Farmirage	3.5 ---	4.7 ---	3.7 -----	4.0 --	4.0 -
DKC 4652	4.6 -----	5.8 -----	4.0 -----	5.3 -----	6.0 -----
-Bezugsgrösse(n)	4.4 -----	5.4 -----	3.8 -----	5.3 -----	5.5 -----
Versuchs-Mittel	4.0 ----	5.2 -----	3.3 ----	4.9 -----	5.0 ----
VK [%]	13.7	8.6	25.5	8.3	7.5
KGD (5%)	0.3	0.7	1.4	0.7	0.6
KGD (1%)	0.4	1.0	1.8	0.9	0.8
Versuchs-Streuung	0.5	0.4	0.8	0.4	0.4
FG Fehlerterm	430.0	55.0	70.0	70.0	55.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	162.8	35	15.87 ***	1.45	0.0000
Anbauorte	634.7	6	361.13 ***	2.12	0.0000
WW Verf.*Anb.Orte	77.7	210	1.26 ns	1.21	
Fehler	126.0	430			
Insgesamt	1001.1	681			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG	9436 Balgach / SG
Indexx	2.7 ---	3.0 ---	3.2 -----
LG 30306	3.2 -----	3.6 -----	3.2 -----
Walterinio KWS	3.0 -----	3.7 -----	3.5 -----
Figaro KWS	2.5 --	2.9 --	2.8 -----
ES Metronom	3.0 -----	2.7 -	2.0 -
P8666	3.7 -----	3.7 -----	3.5 -----
P8888	3.3 -----	3.7 -----	3.2 -----
P9911	3.5 -----	3.0 ---	3.5 -----
SY Glorius	2.3 -	2.7 -	1.8 -
SY Collosseum	3.3 -----	3.4 -----	2.7 -----
DFI45906	2.7 ---	3.0 ---	2.4 ---
Erasmus	2.7 ---	2.7 -	3.0 -----
Farmumba	2.7 ---	3.0 ---	3.0 -----
LG 31280	3.3 -----	2.8 --	2.5 ---
LG 31272	2.7 ---	3.0 ---	2.5 ---
LG 31479	3.3 -----	3.7 -----	3.0 -----
P8834	3.0 -----	3.3 -----	2.0 -
P9363	4.0 -----	3.9 -----	3.5 -----
DFI46661	3.2 -----	2.9 --	2.3 ---
Prestol	2.2 -	3.3 -----	2.8 -----
SY Impulse	3.3 -----	4.0 -----	3.8 -----
SY Enermax	3.3 -----	4.0 -----	3.5 -----
Bigbeat	3.2 -----	2.9 --	3.0 -----
KXB8152	2.3 -	2.6 -	2.0 -
KXB8201	3.3 -----	4.2 -----	3.2 -----
KXB8202	2.8 ---	3.6 -----	2.8 -----
KXB8207	3.0 -----	2.7 -	2.3 ---
KXB8357	3.5 -----	3.0 ---	3.4 -----
Vitalico KWS	3.0 -----	3.7 -----	2.7 -----
P1758	3.0 -----	4.5 -----	3.5 -----
ES Faraday	3.3 -----	3.7 -----	3.0 -----
XYZ	3.8 -----	3.5 -----	2.7 -----
Shannon	4.2 -----	4.3 -----	3.5 -----
P9903	3.7 -----	3.7 -----	3.2 -----
Farmirage	2.5 --	3.4 -----	2.5 ---
DKC 4652	3.7 -----	4.1 -----	3.4 -----
-Bezugsgrösse(n)	3.4 -----	3.6 -----	3.3 -----
Versuchs-Mittel	3.1 -----	3.4 -----	2.9 -----
VK [%]	17.7	14.3	16.4
KGD (5%)	0.9	0.8	0.8
KGD (1%)	1.2	1.1	1.0
Versuchs-Streuung	0.6	0.5	0.5
FG Fehlerterm	70.0	55.0	55.0
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
Indexx	73.1 ---	76.7 ----	88.5 -----	73.0 ---	67.7 --
LG 30306	76.7 -----	79.6 -----	89.2 -----	78.0 -----	71.0 -----
Walterinio KWS	74.9 -----	77.6 ----	89.4 -----	74.9 ----	69.7 ----
Figaro KWS	73.2 ---	77.0 ---	86.4 ---	74.7 ----	68.0 --
ES Metronom	72.0 --	76.5 --	84.4 --	72.0 -	68.0 --
P8666	75.6 -----	78.4 -----	89.4 -----	76.9 -----	69.0 -----
P8888	74.4 ----	78.0 ----	87.1 ----	75.0 ----	69.0 ----
P9911	77.6 -----	80.9 -----	90.5 -----	78.1 -----	72.3 -----
SY Glorius	73.0 ---	76.6 ---	85.1 ---	73.0 ---	67.7 --
SY Colosseum	73.3 ---	76.1 ---	86.0 ---	74.1 ----	68.0 --
DFI45906	71.2 -	74.3 -	83.4 -	71.6 -	67.0 -
Erasmus	73.8 ----	75.4 --	88.3 -----	74.3 ----	68.3 ---
Farmumba	74.4 ----	77.1 ----	88.6 -----	75.3 -----	68.3 ---
LG 31280	73.4 ----	77.0 ----	86.8 ---	73.4 ---	67.7 --
LG 31272	72.3 --	75.9 --	85.2 --	71.7 -	67.0 -
LG 31479	78.4 -----	82.0 -----	91.6 -----	78.8 -----	71.0 -----
P8834	74.9 -----	78.5 -----	89.2 -----	75.6 -----	68.7 ---
P9363	75.7 -----	79.0 -----	88.4 -----	77.0 -----	70.3 -----
DFI46661	74.8 -----	78.6 -----	86.8 ---	75.3 -----	69.3 ----
Prestol	73.4 ----	76.2 ---	86.9 ----	74.0 ----	68.3 ---
SY Impulse	73.7 ----	75.2 --	87.4 ----	74.9 ----	68.7 ---
SY Enermax	75.3 -----	77.9 -----	88.7 -----	76.6 -----	69.7 -----
Bigbeat	74.1 ----	77.3 ----	87.0 ----	74.7 ----	69.3 ----
KXB8152	73.1 ---	76.3 ---	87.8 ----	73.3 ---	68.0 --
KXB8201	75.1 ----	78.1 ----	87.9 ----	76.0 ----	69.7 ----
KXB8202	75.4 ----	78.9 ----	89.2 ----	77.0 ----	69.7 ----
KXB8207	75.9 -----	80.0 -----	89.4 -----	76.0 -----	70.0 -----
KXB8357	75.8 -----	78.6 -----	89.5 -----	75.1 ----	70.7 -----
Vitalico KWS	73.3 ---	76.4 ---	85.8 ---	74.6 ----	68.0 --
P1758	78.5 -----	81.6 -----	92.3 -----	77.3 -----	73.7 -----
ES Faraday	76.0 -----	77.7 ----	88.8 -----	76.5 -----	70.0 ----
XYZ	71.8 -	74.3 -	83.4 -	72.1 -	68.3 ---
Shannon	78.0 -----	81.6 -----	91.4 -----	78.4 -----	71.7 -----
P9903	77.5 -----	81.0 -----	89.7 -----	78.4 -----	71.0 -----
Farmirage	72.7 ---	75.9 ---	85.8 ---	73.3 ---	68.0 --
DKC 4652	76.6 -----	79.8 -----	90.2 -----	76.9 -----	70.7 ----
-Bezugsgrösse(n)	76.1 -----	79.0 -----	89.3 -----	77.5 -----	70.0 -----
Versuchs-Mittel	74.7 ----	77.8 ----	87.9 ----	75.2 ----	69.3 ----
VK [%]	1.3	1.5	1.6	1.2	1.0
KGD (5%)	0.7	1.9	2.3	1.4	1.1
KGD (1%)	0.9	2.5	3.0	1.9	1.5
Versuchs-Streuung	1.0	1.2	1.4	0.9	0.7
FG Fehlerterm	360.0	55.0	55.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2306.1	35	66.54 ***	1.46	0.0000
Anbauorte	33807.2	5	6828.59 ***	2.24	0.0000
WW Verf.*Anb.Orte	306.4	175	1.77 ***	1.23	0.0007
Fehler	356.5	360			
Insgesamt	36776.3	575			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Indexx	70.3	-	62.5	--
LG 30306	75.0	-----	67.4	-----
Walterinio KWS	72.7	----	65.4	-----
Figaro KWS	70.7	--	62.7	--
ES Metronom	69.7	-	61.4	-
P8666	74.0	-----	65.6	-----
P8888	72.7	----	64.7	-----
P9911	76.0	-----	67.9	-----
SY Glorius	71.7	---	63.6	----
SY Collosseum	71.0	--	64.4	-----
DFI45906	69.7	-	61.2	-
Erasmus	72.3	----	63.9	----
Farmumba	72.3	----	64.9	-----
LG 31280	72.3	----	63.3	---
LG 31272	72.0	---	62.3	--
LG 31479	78.3	-----	68.8	-----
P8834	72.7	----	64.7	-----
P9363	73.3	-----	66.3	-----
DFI46661	74.3	-----	64.6	-----
Prestol	70.7	--	64.4	-----
SY Impulse	72.3	----	63.8	----
SY Enermax	73.3	-----	65.4	-----
Bigbeat	71.7	---	64.4	-----
KXB8152	71.0	--	62.2	--
KXB8201	73.0	----	65.6	-----
KXB8202	72.3	----	65.4	-----
KXB8207	73.3	-----	66.9	-----
KXB8357	74.0	-----	67.1	-----
Vitalico KWS	71.7	---	63.2	---
P1758	77.0	-----	69.2	-----
ES Faraday	76.0	-----	67.0	-----
XYZ	70.7	--	62.1	--
Shannon	77.0	-----	67.8	-----
P9903	77.0	-----	68.0	-----
Farmirage	70.3	-	62.7	--
DKC 4652	75.7	-----	66.6	-----
-Bezugsgrösse(n)	74.5	-----	66.5	-----
Versuchs-Mittel	73.0	----	64.9	-----
VK [%]	1.5		0.8	
KGD (5%)	1.8		0.8	
KGD (1%)	2.4		1.1	
Versuchs-Streuung	1.1		0.5	
FG Fehlerterm	70.0		55.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1896 Vouvry	3065 Habstetten	8046 Reckenholz ZH
Indexx	72.6 ---	75.7 ----	87.6 -----	70.9 ---	68.0 --
LG 30306	76.2 -----	78.3 -----	88.1 -----	76.7 -----	72.0 -----
Walterinio KWS	73.3 ----	76.0 ----	88.4 -----	73.2 ----	68.3 --
Figaro KWS	72.4 ---	76.0 ----	85.3 ---	73.4 ----	67.3 -
ES Metronom	71.6 --	75.7 ---	84.4 --	70.7 --	68.0 --
P8666	75.4 -----	77.7 -----	89.2 -----	76.0 -----	70.0 -----
P8888	74.2 ----	76.7 ----	86.0 ----	74.7 ----	69.0 ---
P9911	77.7 -----	80.0 -----	89.9 -----	77.1 -----	74.0 -----
SY Glorius	71.9 ---	75.7 ---	84.1 ---	70.9 ---	67.0 -
SY Colosseum	72.0 ---	74.7 ---	85.2 ---	72.0 ---	67.0 -
DFI45906	70.2 -	73.3 -	82.2 -	70.0 -	67.0 -
Erasmus	73.2 ----	74.0 --	87.3 -----	73.6 ----	67.7 -
Farmumba	73.1 ----	76.0 ----	87.6 -----	73.6 ----	68.0 --
LG 31280	72.7 ----	76.0 ----	86.0 ----	71.3 ---	67.7 -
LG 31272	71.4 --	75.0 ---	84.9 --	69.3 -	67.0 -
LG 31479	77.8 -----	80.7 -----	89.9 -----	77.7 -----	73.0 -----
P8834	74.6 ----	77.3 ----	88.1 -----	73.9 ----	70.3 ----
P9363	76.2 -----	78.0 ----	87.6 -----	77.4 -----	71.3 ----
DFI46661	73.3 ----	77.3 ----	85.7 ---	73.3 ----	68.7 --
Prestol	71.9 ---	73.7 --	86.0 ----	72.0 ---	67.7 -
SY Impulse	73.5 ----	74.3 ---	86.5 ----	73.2 ----	69.3 ---
SY Enermax	75.6 -----	77.3 ----	88.7 -----	76.3 -----	70.3 ----
Bigbeat	73.1 ----	76.0 ----	86.0 ----	72.7 ----	69.0 ---
KXB8152	72.3 ---	75.3 ---	86.8 ----	71.7 ---	67.7 -
KXB8201	75.1 ----	77.0 ----	88.0 ----	76.4 ----	70.0 ----
KXB8202	74.6 ----	77.7 ----	88.1 ----	75.3 ----	69.7 ---
KXB8207	74.4 ----	77.7 ----	88.8 ----	74.0 ----	69.7 ---
KXB8357	74.6 ----	77.3 ----	88.3 ----	73.1 ----	70.0 ----
Vitalico KWS	72.4 ---	75.3 ---	84.6 ---	72.9 ----	68.3 --
P1758	78.8 -----	80.7 -----	91.7 -----	77.0 -----	76.3 -----
ES Faraday	74.8 ----	76.3 ----	87.7 ----	74.4 ----	69.3 ---
XYZ	70.8 -	72.7 -	82.6 -	71.7 ---	68.0 --
Shannon	77.9 -----	80.0 -----	91.1 -----	77.3 -----	73.3 -----
P9903	77.3 -----	79.3 -----	90.1 -----	77.4 -----	73.3 -----
Farmirage	71.5 --	74.7 ---	84.4 ---	71.7 ---	67.0 -
DKC 4652	76.5 -----	78.3 -----	89.0 -----	76.0 -----	72.0 -----
-Bezugsgrösse(n)	75.8 -----	78.0 -----	88.6 -----	76.3 -----	71.0 -----
Versuchs-Mittel	74.0 ----	76.6 ----	87.1 ----	73.9 ----	69.5 ---
VK [%]	1.3	1.4	1.6	1.1	1.2
KGD (5%)	0.6	1.8	2.2	1.3	1.3
KGD (1%)	0.8	2.4	2.9	1.8	1.7
Versuchs-Streuung	1.0	1.1	1.4	0.8	0.8
FG Fehlerterm	360.0	55.0	55.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3110.2	35	96.28 ***	1.46	0.0000
Anbauorte	31066.9	5	6732.27 ***	2.24	0.0000
WW Verf.*Anb.Orte	403.2	175	2.50 ***	1.23	0.0001
Fehler	332.3	360			
Insgesamt	34912.6	575			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Indexx	70.3	--	63.1	----
LG 30306	74.3	-----	68.0	-----
Walterinio KWS	70.7	---	63.2	----
Figaro KWS	69.7	--	62.8	----
ES Metronom	69.0	-	61.7	---
P8666	73.3	-----	66.3	-----
P8888	73.3	-----	65.6	-----
P9911	77.0	-----	68.3	-----
SY Glorius	70.7	---	63.1	----
SY Collosseum	70.0	--	63.1	----
DFI45906	68.7	-	59.9	-
Erasmus	72.0	----	64.7	-----
Farmumba	70.7	---	62.7	----
LG 31280	72.3	-----	63.1	----
LG 31272	70.3	--	62.0	---
LG 31479	77.3	-----	68.2	-----
P8834	72.7	-----	65.3	-----
P9363	75.7	-----	67.4	-----
DFI46661	71.7	----	63.2	----
Prestol	69.0	-	62.9	----
SY Impulse	72.3	-----	65.6	-----
SY Enermax	75.0	-----	66.0	-----
Bigbeat	70.7	---	63.9	-----
KXB8152	69.3	-	62.7	----
KXB8201	73.3	-----	65.7	-----
KXB8202	71.7	---	65.3	-----
KXB8207	71.7	----	64.6	-----
KXB8357	72.7	-----	66.1	-----
Vitalico KWS	70.3	--	62.6	----
P1758	78.0	-----	69.0	-----
ES Faraday	75.0	-----	66.0	-----
XYZ	69.0	-	61.0	--
Shannon	77.7	-----	67.9	-----
P9903	75.7	-----	68.0	-----
Farmirage	69.0	-	62.1	---
DKC 4652	75.7	-----	68.0	-----
-Bezugsgrösse(n)	73.8	-----	67.2	-----
Versuchs-Mittel	72.4	-----	64.7	-----
VK [%]	1.3		1.0	
KGD (5%)	1.5		1.1	
KGD (1%)	2.0		1.4	
Versuchs-Streuung	0.9		0.6	
FG Fehlerterm	70.0		55.0	
Anz. Beob.	3.0		3.0	

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	1896 Vouvry	3065 Habstetten	8046 Reckenholz ZH
Indexx	260.9 --	230.4 ----	268.0 --	269.4 --	276.7 ----
LG 30306	279.2 -----	242.3 -----	280.6 ----	291.2 -----	293.3 -----
Walterinio KWS	284.3 -----	249.0 -----	307.7 -----	292.3 -----	296.7 -----
Figaro KWS	265.1 ---	241.9 -----	270.6 --	270.0 ---	283.3 -----
ES Metronom	263.7 ---	227.0 ---	288.3 -----	271.4 ---	270.0 ---
P8666	260.7 --	223.4 --	275.4 --	272.7 --	263.3 -
P8888	279.3 -----	237.8 ----	290.8 ----	294.0 -----	286.7 -----
P9911	271.8 ----	241.5 -----	288.0 ----	286.8 ----	266.7 --
SY Glorius	276.1 ----	242.1 -----	294.3 -----	284.7 ----	286.7 -----
SY Colosseum	284.0 -----	249.5 -----	297.7 -----	299.6 -----	286.7 -----
DFI45906	265.4 ---	230.5 ----	285.1 ----	271.0 ---	283.3 -----
Erasmus	266.8 ---	229.5 ----	270.9 ---	283.5 -----	283.3 -----
Farmumba	257.2 -	226.9 ---	269.8 --	266.8 --	270.0 ---
LG 31280	286.0 -----	267.7 -----	294.0 -----	285.6 ----	290.0 -----
LG 31272	276.9 ----	252.4 -----	277.0 --	288.4 ----	290.0 -----
LG 31479	288.6 -----	256.4 -----	301.6 -----	288.5 -----	303.3 -----
P8834	255.9 -	214.2 -	276.7 ---	259.0 -	273.3 ---
P9363	253.4 -	213.4 -	269.1 --	263.3 -	260.0 -
DFI46661	289.7 -----	265.5 -----	318.4 -----	289.2 -----	293.3 -----
Prestol	262.9 --	234.3 ----	284.2 ----	266.7 --	276.7 ----
SY Impulse	261.7 --	228.2 ---	286.0 ----	266.0 --	263.3 -
SY Enermax	281.3 -----	255.8 -----	294.6 -----	282.8 -----	286.7 -----
Bigbeat	271.2 ----	230.7 ----	285.3 ----	271.7 ---	290.0 -----
KXB8152	273.3 ----	256.0 -----	282.9 ----	277.4 ----	283.3 -----
KXB8201	287.9 -----	268.6 -----	289.7 ----	294.5 -----	290.0 -----
KXB8202	291.3 -----	257.3 -----	297.0 -----	316.2 -----	300.0 -----
KXB8207	305.0 -----	268.5 -----	325.5 -----	315.6 -----	306.7 -----
KXB8357	260.8 --	229.5 ----	257.6 -	267.1 --	276.7 ----
Vitalico KWS	270.1 ----	248.3 -----	279.0 ----	279.0 ----	286.7 -----
P1758	279.2 -----	261.4 -----	290.2 ----	274.3 ---	286.7 -----
ES Faraday	273.6 ----	240.5 -----	291.8 -----	276.0 ----	283.3 -----
XYZ	264.5 ---	241.8 -----	271.4 ---	286.1 -----	263.3 -
Shannon	280.9 -----	251.5 -----	290.0 ----	292.4 -----	286.7 -----
P9903	263.6 ---	247.4 -----	270.2 --	270.0 ---	270.0 ---
Farmirage	257.8 -	223.6 --	272.9 ---	274.2 ---	276.7 ----
DKC 4652	257.2 -	229.9 ----	269.3 --	269.4 --	263.3 -
-Bezugsgrösse(n)	269.9 ----	232.9 ----	278.0 ----	282.0 ----	278.3 ----
Versuchs-Mittel	272.4 ----	242.1 -----	285.0 ----	280.7 ----	281.9 ----
VK [%]	3.9	4.4	4.5	3.5	3.8
KGD (5%)	7.6	17.5	21.1	16.2	17.5
KGD (1%)	10.0	23.4	28.1	21.6	23.3
Versuchs-Streuung	10.6	10.7	12.9	9.9	10.8
FG Fehlerterm	290.0	55.0	55.0	55.0	70.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	79391.8	35	20.33 ***	1.46	0.0000
Anbauorte	133696.6	4	299.59 ***	2.40	0.0000
WW Verf.*Anb.Orte	25053.6	140	1.60 ns	1.26	
Fehler	32354.0	290			
Insgesamt	270496.0	469			

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	8566	
	Ellighausen TG	
Indexx	260.0	---
LG 30306	288.5	-----
Walterinio KWS	276.0	-----
Figaro KWS	259.6	---
ES Metronom	261.7	----
P8666	268.6	-----
P8888	287.2	-----
P9911	276.0	-----
SY Glorius	272.8	----
SY Collosseum	286.8	-----
DFI45906	256.9	---
Erasmus	266.6	----
Farmumba	252.3	--
LG 31280	292.8	-----
LG 31272	276.9	-----
LG 31479	293.4	-----
P8834	256.0	---
P9363	261.1	---
DFI46661	282.3	-----
Prestol	252.7	--
SY Impulse	265.0	----
SY Enermax	286.7	-----
Bigbeat	278.2	-----
KXB8152	267.1	----
KXB8201	296.5	-----
KXB8202	286.1	-----
KXB8207	308.6	-----
KXB8357	273.0	----
Vitalico KWS	257.4	---
P1758	283.3	-----
ES Faraday	276.5	-----
XYZ	260.0	---
Shannon	284.2	-----
P9903	260.4	---
Farmirage	241.7	-
DKC 4652	253.9	--
-Bezugsgrösse(n)	278.5	-----
Versuchs-Mittel	272.4	----
VK [%]	2.9	
KGD (5%)	12.8	
KGD (1%)	17.0	
Versuchs-Streuung	7.8	
FG Fehlerterm	55.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1260 Nyon	1896 Vouvry	3065 Habstetten	8046 Reckenholz ZH
Indexx	134.5 ----	135.8 -----	131.2 ----	136.9 -----	133.3 ---
LG 30306	144.4 -----	134.2 -----	139.5 -----	151.6 -----	155.0 -----
Walterinio KWS	138.4 -----	136.7 -----	143.9 -----	128.3 ----	150.0 -----
Figaro KWS	132.6 ----	128.1 ----	126.9 ---	134.8 ----	140.0 ----
ES Metronom	126.9 ---	118.5 ---	137.9 -----	116.6 -	130.0 --
P8666	133.7 -----	127.4 -----	135.8 -----	131.7 -----	143.3 -----
P8888	133.2 ----	127.4 ----	127.1 ---	136.7 ----	140.0 ----
P9911	138.0 -----	127.2 ----	142.8 -----	143.2 -----	141.7 -----
SY Glorius	125.9 --	108.5 --	136.1 -----	136.8 ----	125.0 -
SY Collosseum	125.3 --	120.4 ---	131.1 ----	126.7 ---	126.7 -
DFI45906	123.2 --	115.8 ---	128.3 ---	118.4 --	130.0 --
Erasmus	132.9 -----	120.5 ----	125.1 --	140.4 -----	143.3 -----
Farmumba	123.7 --	114.2 ---	122.9 --	124.9 ---	130.0 --
LG 31280	130.7 ----	135.9 -----	129.0 ----	121.7 --	136.7 ----
LG 31272	140.8 -----	133.2 -----	132.4 ----	148.3 -----	153.3 -----
LG 31479	143.4 -----	132.2 -----	153.2 -----	143.4 -----	150.0 -----
P8834	139.3 -----	123.4 ----	141.2 -----	141.7 -----	150.0 -----
P9363	123.3 --	103.2 -	136.8 -----	119.9 --	133.3 ---
DFI46661	145.2 -----	136.4 -----	153.0 -----	148.4 -----	146.7 -----
Prestol	120.2 -	114.1 ---	127.2 ---	113.1 -	125.0 -
SY Impulse	126.4 ---	118.0 ---	129.1 ----	119.9 --	140.0 ----
SY Enermax	135.8 -----	124.8 ----	133.7 ----	140.3 -----	148.3 -----
Bigbeat	140.9 -----	142.0 -----	144.5 -----	126.6 ---	151.7 -----
KXB8152	136.0 ----	136.3 ----	140.4 ----	133.2 ----	143.3 ----
KXB8201	143.1 -----	157.6 -----	129.5 ---	138.3 ----	146.7 ----
KXB8202	141.6 -----	131.2 ----	140.2 ----	148.3 -----	150.0 -----
KXB8207	151.9 -----	149.9 -----	139.7 -----	161.6 -----	158.3 -----
KXB8357	133.2 ----	123.6 ----	128.9 ----	133.4 ----	143.3 ----
Vitalico KWS	135.6 ----	133.0 ----	123.5 --	135.1 ----	150.0 -----
P1758	135.7 ----	128.2 ----	131.7 ----	143.3 -----	138.3 ----
ES Faraday	137.2 -----	126.6 ----	135.8 -----	136.9 ----	150.0 -----
XYZ	133.2 ----	128.8 ----	118.5 -	156.8 -----	131.7 ---
Shannon	142.0 -----	129.1 ----	142.9 -----	144.8 -----	151.7 -----
P9903	128.8 ---	125.3 ----	133.8 ----	121.7 --	138.3 ----
Farmirage	123.1 --	109.7 --	129.4 ----	126.5 ---	126.7 -
DKC 4652	130.9 ----	119.3 ----	131.8 ----	133.2 ----	145.0 -----
-Bezugsgrösse(n)	139.0 -----	130.8 -----	137.7 -----	141.7 -----	149.2 -----
Versuchs-Mittel	134.2 ----	127.1 ----	134.3 ----	135.1 ----	141.6 ----
VK [%]	6.0	7.4	6.9	7.6	4.2
KGD (5%)	5.8	15.3	15.2	16.7	9.6
KGD (1%)	7.7	20.4	20.3	22.3	12.8
Versuchs-Streuung	8.1	9.4	9.3	10.2	5.9
FG Fehlerterm	305.0	55.0	55.0	55.0	70.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	29616.3	35	12.92 ***	1.46	0.0000
Anbauorte	11549.8	4	44.08 ***	2.40	0.0000
WW Verf.*Anb.Orte	18423.6	140	2.01 ***	1.26	0.0004
Fehler	19981.1	305			
Insgesamt	79570.8	484			

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

Verfahren	8566	
	Ellighausen TG	
Indexx	135.0	----
LG 30306	141.7	-----
Walterinio KWS	133.3	----
Figaro KWS	133.3	----
ES Metronom	131.7	----
P8666	130.0	----
P8888	135.0	----
P9911	135.0	----
SY Glorius	123.3	-
SY Collosseum	121.7	-
DFI45906	123.3	-
Erasmus	135.0	----
Farmumba	126.7	--
LG 31280	130.0	----
LG 31272	136.7	-----
LG 31479	138.3	-----
P8834	140.0	-----
P9363	123.3	-
DFI46661	141.7	-----
Prestol	121.7	-
SY Impulse	125.0	--
SY Enermax	131.7	----
Bigbeat	140.0	-----
KXB8152	126.7	--
KXB8201	143.3	-----
KXB8202	138.3	-----
KXB8207	150.0	-----
KXB8357	136.7	-----
Vitalico KWS	136.7	-----
P1758	136.7	-----
ES Faraday	136.7	-----
XYZ	130.0	----
Shannon	141.7	-----
P9903	125.0	--
Farmirage	123.3	-
DKC 4652	125.0	--
-Bezugsgrösse(n)	135.8	-----
Versuchs-Mittel	132.9	----
VK [%]	4.2	
KGD (5%)	9.1	
KGD (1%)	12.1	
Versuchs-Streuung	5.6	
FG Fehlerterm	70.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1260 Nyon	1896 Vouvry	3065 Habstetten	8046 Reckenholz ZH
Indexx	51.5 -----	57.3 -----	49.1 -----	51.0 -----	48.2 ----
LG 30306	52.2 -----	56.4 -----	50.3 -----	52.0 -----	53.0 -----
Walterinio KWS	48.9 ----	54.9 ----	46.8 ----	43.8 --	50.6 -----
Figaro KWS	50.1 ----	53.1 ----	46.6 ----	50.0 -----	49.5 ----
ES Metronom	48.1 ----	51.6 ----	47.7 ----	43.0 -	48.1 ----
P8666	51.5 -----	56.8 -----	48.9 -----	48.4 -----	54.6 -----
P8888	47.9 ----	53.6 ----	43.5 -	46.6 ----	48.8 ----
P9911	50.8 -----	52.6 ----	49.6 -----	50.0 -----	53.1 -----
SY Glorius	45.7 --	45.6 -	46.1 ----	48.2 -----	43.6 -
SY Colosseum	44.2 -	48.2 --	44.0 -	42.3 -	44.2 -
DFI45906	46.6 ---	50.2 ----	44.8 --	43.7 --	45.9 ---
Erasmus	49.9 -----	52.1 ----	46.7 ----	49.5 -----	50.6 -----
Farmumba	48.6 ----	52.1 ----	46.1 ----	46.6 ----	48.1 ----
LG 31280	45.7 --	50.6 ----	43.8 -	42.4 -	47.2 ----
LG 31272	50.8 -----	52.5 ----	47.8 -----	51.5 -----	53.0 -----
LG 31479	49.8 -----	51.7 ----	50.8 -----	49.7 -----	49.5 ----
P8834	54.5 -----	57.4 -----	50.8 -----	54.8 -----	54.9 -----
P9363	48.7 ----	48.9 ---	50.2 -----	45.8 ---	51.3 -----
DFI46661	50.4 -----	52.6 ----	47.7 ----	51.5 -----	50.0 ----
Prestol	45.9 --	49.0 ---	44.6 --	42.7 -	45.3 --
SY Impulse	48.3 ----	51.2 ----	44.9 ---	45.0 ---	53.1 -----
SY Enermax	48.5 ----	49.0 ---	45.9 ----	49.7 -----	51.8 -----
Bigbeat	52.1 -----	60.8 -----	50.8 -----	46.5 ----	52.3 -----
KXB8152	49.9 ----	53.3 ----	49.8 -----	48.2 ----	50.6 ----
KXB8201	49.7 ----	58.5 -----	44.3 --	46.8 ----	50.6 ----
KXB8202	48.6 ----	50.6 ----	47.0 ----	46.9 ----	50.0 ----
KXB8207	50.1 ----	55.3 -----	43.4 -	51.3 -----	51.6 -----
KXB8357	51.0 -----	52.9 ----	50.3 -----	50.0 -----	51.9 -----
Vitalico KWS	50.5 -----	54.5 ----	44.2 --	48.2 ----	52.3 -----
P1758	48.8 ----	49.3 ---	45.9 ----	52.2 -----	48.2 ----
ES Faraday	50.3 ----	52.4 ----	46.9 ----	49.7 -----	53.0 -----
XYZ	50.5 -----	54.1 ----	43.8 -	54.6 -----	50.0 ----
Shannon	50.6 -----	51.4 ----	49.1 -----	49.4 -----	52.9 -----
P9903	49.0 ----	51.1 ----	49.6 -----	45.1 ---	51.3 ----
Farmirage	48.2 ----	50.7 ----	47.9 ----	46.1 ----	45.8 ---
DKC 4652	51.0 -----	52.5 ----	48.9 -----	49.4 ----	55.1 -----
-Bezugsgrösse(n)	51.9 -----	56.6 -----	49.6 -----	50.2 -----	53.8 -----
Versuchs-Mittel	49.4 ----	52.6 ----	47.2 ----	48.1 ----	50.3 ----
VK [%]	6.0	7.3	6.3	7.2	4.7
KGD (5%)	2.1	6.3	4.8	5.6	3.8
KGD (1%)	2.8	8.3	ns	7.5	5.1
Versuchs-Streuung	3.0	3.8	3.0	3.5	2.4
FG Fehlerterm	320.0	55.0	55.0	70.0	70.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2271.5	35	7.45 ***	1.46	0.0000
Anbauorte	1952.6	4	56.03 ***	2.40	0.0000
WW Verf.*Anb.Orte	1972.8	140	1.62 ns	1.26	
Fehler	2787.9	320			
Insgesamt	8984.9	499			

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

Verfahren	8566	
	Ellighausen TG	
Indexx	51.9	-----
LG 30306	49.4	-----
Walterinio KWS	48.2	----
Figaro KWS	51.3	-----
ES Metronom	50.0	-----
P8666	48.7	-----
P8888	47.1	----
P9911	48.8	-----
SY Glorius	45.1	---
SY Collosseum	42.4	-
DFI45906	48.1	----
Erasmus	50.6	-----
Farmumba	50.1	-----
LG 31280	44.3	--
LG 31272	49.4	-----
LG 31479	47.1	----
P8834	54.5	-----
P9363	47.4	----
DFI46661	50.0	-----
Prestol	48.0	----
SY Impulse	47.5	----
SY Enermax	46.0	----
Bigbeat	50.0	-----
KXB8152	47.5	----
KXB8201	48.3	----
KXB8202	48.3	----
KXB8207	48.9	-----
KXB8357	50.0	-----
Vitalico KWS	53.2	-----
P1758	48.2	----
ES Faraday	49.4	-----
XYZ	50.0	-----
Shannon	50.0	-----
P9903	48.1	----
Farmirage	50.7	-----
DKC 4652	49.3	-----
-Bezugsgrösse(n)	49.1	-----
Versuchs-Mittel	48.8	-----
VK [%]	4.0	
KGD (5%)	3.2	
KGD (1%)	4.2	
Versuchs-Streuung	2.0	
FG Fehlerterm	70.0	
Anz. Beob.	3.0	

Greensnap [note] / Greensnap [Note]

Verfahren	Seriemittel		9436 Balgach / SG	
Indexx	1.1	-	1.1	-
LG 30306	0.8	-	0.8	-
Walterinio KWS	5.0	-----	5.0	-----
Figaro KWS	2.0	----	2.0	----
ES Metronom	1.3	--	1.3	--
P8666	1.0	-	1.0	-
P8888	1.0	-	1.0	-
P9911	0.9	-	0.9	-
SY Glorius	1.4	--	1.4	--
SY Colloosseum	2.5	----	2.5	----
DFI45906	2.2	----	2.2	----
Erasmus	1.4	--	1.4	--
Farmumba	1.5	--	1.5	--
LG 31280	2.9	----	2.9	----
LG 31272	1.6	--	1.6	--
LG 31479	2.1	----	2.1	----
P8834	1.4	--	1.4	--
P9363	1.1	-	1.1	-
DFI46661	2.3	----	2.3	----
Prestol	1.1	-	1.1	-
SY Impulse	1.6	--	1.6	--
SY Enermax	2.4	----	2.4	----
Bigbeat	3.7	-----	3.7	-----
KXB8152	3.4	-----	3.4	-----
KXB8201	1.6	--	1.6	--
KXB8202	2.0	---	2.0	---
KXB8207	2.9	-----	2.9	-----
KXB8357	1.2	--	1.2	--
Vitalico KWS	2.1	----	2.1	----
P1758	1.0	-	1.0	-
ES Faraday	1.4	--	1.4	--
XYZ	2.2	----	2.2	----
Shannon	2.7	-----	2.7	-----
P9903	1.5	--	1.5	--
Farmirage	1.5	--	1.5	--
DKC 4652	1.5	--	1.5	--
-Bezugsgrösse(n)	0.9	-	0.9	-
Versuchs-Mittel	1.9	---	1.9	---
VK [%]	47.6		47.6	
KGD (5%)	1.5		1.5	
KGD (1%)	1.9		1.9	
Versuchs-Streuung	0.9		0.9	
FG Fehlerterm	55.0		55.0	
Anz. Beob.	3.0		3.0	

Greensnap [%] / Greensnap [%]

Verfahren	Seriemittel		1567 Delley FR		9436 Balgach / SG	
Indexx	0.6	-	0.0	-	1.2	-
LG 30306	-1.1	-	0.0	-	-2.2	-
Walterinio KWS	25.9	-----	1.3	-----	50.4	-----
Figaro KWS	6.9	----	0.7	----	13.1	----
ES Metronom	1.7	--	0.0	-	3.5	--
P8666	-0.1	-	0.0	-	-0.3	-
P8888	0.1	-	0.0	-	0.1	-
P9911	-0.7	-	0.0	-	-1.4	-
SY Glorius	2.6	--	0.0	-	5.1	--
SY Collosseum	9.4	----	0.0	-	18.9	----
DFI45906	7.3	----	0.0	-	14.6	----
Erasmus	3.4	--	1.3	-----	5.5	--
Farmumba	3.3	--	0.0	-	6.6	--
LG 31280	11.6	----	0.0	-	23.3	----
LG 31272	4.1	---	0.7	----	7.6	--
LG 31479	6.7	---	0.0	-	13.3	----
P8834	2.8	--	0.7	-----	4.9	--
P9363	0.5	-	0.0	-	1.1	-
DFI46661	8.3	----	0.7	-----	15.9	----
Prestol	0.7	-	0.0	-	1.3	-
SY Impulse	3.9	--	0.0	-	7.7	--
SY Enermax	8.9	----	0.0	-	17.8	----
Bigbeat	17.0	-----	0.0	-	34.0	-----
KXB8152	15.9	-----	1.7	-----	30.1	-----
KXB8201	3.7	--	0.0	-	7.4	--
KXB8202	6.4	---	0.0	-	12.7	---
KXB8207	12.2	-----	0.0	-	24.4	-----
KXB8357	1.3	-	0.0	-	2.6	--
Vitalico KWS	6.6	---	0.0	-	13.3	----
P1758	0.1	-	0.0	-	0.2	-
ES Faraday	2.4	--	0.0	-	4.7	--
XYZ	7.3	----	0.0	-	14.6	----
Shannon	10.8	-----	0.0	-	21.6	-----
P9903	3.2	--	0.0	-	6.3	--
Farmirage	3.6	--	0.7	-----	6.6	--
DKC 4652	3.4	--	0.0	-	6.7	--
-Bezugsgrösse(n)	-0.6	-	0.0	-	-1.2	-
Versuchs-Mittel	5.6	---	0.2	--	10.9	---
VK [%]	133.2		333.0		102.1	
KGD (5%)	8.5		ns		18.3	
KGD (1%)	11.2		ns		24.3	
Versuchs-Streuung	7.4		0.7		11.2	
FG Fehlerterm	125.0		70.0		55.0	
Anz. Beob.	6.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	6862.3	35	3.56 ***	1.52	0.0001
Anbauorte	6197.4	1	112.68 ***	3.91	0.0000
WW Verf.*Anb.Orte	6424.0	35	3.34 ***	1.52	0.0001
Fehler	6875.3	125			
Insgesamt	26359.0	196			

Verse en végétation [note] / Wurzellagerung Vegetation [Note]

Verfahren	Seriemittel		9436 Balgach / SG	
Indexx	6.7	-----	6.7	-----
LG 30306	1.2	-	1.2	-
Walterinio KWS	1.3	-	1.3	-
Figaro KWS	3.3	---	3.3	---
ES Metronom	6.2	-----	6.2	-----
P8666	6.3	-----	6.3	-----
P8888	3.7	----	3.7	----
P9911	1.8	--	1.8	--
SY Glorius	2.2	--	2.2	--
SY Colosseum	5.3	-----	5.3	-----
DFI45906	5.7	-----	5.7	-----
Erasmus	3.3	---	3.3	---
Farmumba	4.0	----	4.0	----
LG 31280	4.3	-----	4.3	-----
LG 31272	5.3	-----	5.3	-----
LG 31479	3.0	----	3.0	----
P8834	3.7	----	3.7	----
P9363	2.2	--	2.2	--
DFI46661	5.7	-----	5.7	-----
Prestol	2.0	--	2.0	--
SY Impulse	1.7	-	1.7	-
SY Enermax	5.3	-----	5.3	-----
Bigbeat	3.3	---	3.3	---
KXB8152	5.3	-----	5.3	-----
KXB8201	5.0	-----	5.0	-----
KXB8202	3.0	----	3.0	----
KXB8207	5.0	-----	5.0	-----
KXB8357	1.3	-	1.3	-
Vitalico KWS	7.0	-----	7.0	-----
P1758	2.0	--	2.0	--
ES Faraday	2.7	---	2.7	---
XYZ	4.7	-----	4.7	-----
Shannon	2.5	---	2.5	---
P9903	1.2	-	1.2	-
Farmirage	4.7	-----	4.7	-----
DKC 4652	1.7	-	1.7	-
-Bezugsgrösse(n)	3.8	----	3.8	----
Versuchs-Mittel	3.7	----	3.7	----
VK [%]	47.4		47.4	
KGD (5%)	2.9		2.9	
KGD (1%)	3.8		3.8	
Versuchs-Streuung	1.8		1.8	
FG Fehlerterm	70.0		70.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	9436	Balgach / SG
Indexx	70.8 -----	70.8 -----	
LG 30306	2.1 -	2.1 -	
Walterinio KWS	4.2 -	4.2 -	
Figaro KWS	29.2 ----	29.2 ----	
ES Metronom	64.6 -----	64.6 -----	
P8666	66.7 -----	66.7 -----	
P8888	33.3 ----	33.3 ----	
P9911	9.6 --	9.6 --	
SY Glorius	18.8 ---	18.8 ---	
SY Collosseum	54.2 -----	54.2 -----	
DFI45906	58.3 -----	58.3 -----	
Erasmus	29.2 ----	29.2 ----	
Farmumba	37.5 ----	37.5 ----	
LG 31280	41.7 -----	41.7 -----	
LG 31272	54.2 -----	54.2 -----	
LG 31479	25.0 ----	25.0 ----	
P8834	33.3 ----	33.3 ----	
P9363	14.6 --	14.6 --	
DFI46661	58.3 -----	58.3 -----	
Prestol	12.5 --	12.5 --	
SY Impulse	8.3 -	8.3 -	
SY Enermax	54.2 -----	54.2 -----	
Bigbeat	29.2 ----	29.2 ----	
KXB8152	68.8 -----	68.8 -----	
KXB8201	50.0 -----	50.0 -----	
KXB8202	25.0 ----	25.0 ----	
KXB8207	50.0 -----	50.0 -----	
KXB8357	4.2 -	4.2 -	
Vitalico KWS	75.0 -----	75.0 -----	
P1758	12.5 --	12.5 --	
ES Faraday	20.8 ---	20.8 ---	
XYZ	45.8 -----	45.8 -----	
Shannon	18.8 ---	18.8 ---	
P9903	2.1 -	2.1 -	
Farmirage	45.8 -----	45.8 -----	
DKC 4652	8.3 -	8.3 -	
-Bezugsgrösse(n)	34.4 ----	34.4 ----	
Versuchs-Mittel	34.4 ----	34.4 ----	
VK [%]	66.2	65.3	
KGD (5%)	37.0	37.0	
KGD (1%)	49.2	49.2	
Versuchs-Streuung	22.7	22.7	
FG Fehlerterm	68.0	68.0	
Anz. Beob.	3.0	3.0	

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

Verfahren	Seriemittel	1567 Delley FR
Indexx	1.0 -	1.0 -
LG 30306	1.0 -	1.0 -
Walterinio KWS	1.0 -	1.0 -
Figaro KWS	1.0 -	1.0 -
ES Metronom	1.0 -	1.0 -
P8666	1.3 -----	1.3 -----
P8888	1.0 -	1.0 -
P9911	1.0 -	1.0 -
SY Glorius	1.0 -	1.0 -
SY Collosseum	1.0 -	1.0 -
DFI45906	1.3 -----	1.3 -----
Erasmus	1.0 -	1.0 -
Farmumba	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 -
DFI46661	1.0 -	1.0 -
Prestol	1.0 -	1.0 -
SY Impulse	1.0 -	1.0 -
SY Enermax	1.0 -	1.0 -
Bigbeat	1.0 -	1.0 -
KXB8152	1.0 -	1.0 -
KXB8201	1.0 -	1.0 -
KXB8202	1.0 -	1.0 -
KXB8207	1.0 -	1.0 -
KXB8357	1.0 -	1.0 -
Vitalico KWS	1.0 -	1.0 -
P1758	1.0 -	1.0 -
ES Faraday	1.0 -	1.0 -
XYZ	1.0 -	1.0 -
Shannon	1.0 -	1.0 -
P9903	1.0 -	1.0 -
Farmirage	1.0 -	1.0 -
DKC 4652	1.0 -	1.0 -
-Bezugsgrösse(n)	1.2 -----	1.2 -----
Versuchs-Mittel	1.0 -	1.0 -
VK [%]	13.2	13.2
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	0.1	0.1
FG Fehlerterm	70.0	70.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR
Indexx	0.0 -	0.0 -
LG 30306	0.0 -	0.0 -
Walterinio KWS	0.0 -	0.0 -
Figaro KWS	0.0 -	0.0 -
ES Metronom	0.0 -	0.0 -
P8666	4.2 -----	4.2 -----
P8888	0.0 -	0.0 -
P9911	0.0 -	0.0 -
SY Glorius	0.0 -	0.0 -
SY Collosseum	0.0 -	0.0 -
DFI45906	4.2 -----	4.2 -----
Erasmus	0.0 -	0.0 -
Farmumba	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 -
DFI46661	0.0 -	0.0 -
Prestol	0.0 -	0.0 -
SY Impulse	0.0 -	0.0 -
SY Enermax	0.0 -	0.0 -
Bigbeat	0.0 -	0.0 -
KXB8152	0.0 -	0.0 -
KXB8201	0.0 -	0.0 -
KXB8202	0.0 -	0.0 -
KXB8207	0.0 -	0.0 -
KXB8357	0.0 -	0.0 -
Vitalico KWS	0.0 -	0.0 -
P1758	0.0 -	0.0 -
ES Faraday	0.0 -	0.0 -
XYZ	0.0 -	0.0 -
Shannon	0.0 -	0.0 -
P9903	0.0 -	0.0 -
Farmirage	0.0 -	0.0 -
DKC 4652	0.0 -	0.0 -
-Bezugsgrösse(n)	2.1 -----	2.1 -----
Versuchs-Mittel	0.2 -	0.2 -
VK [%]	724.3	724.3
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	1.7	1.7
FG Fehlerterm	70.0	70.0
Anz. Beob.	3.0	3.0

Helminthosporium turcicum [note, précoce] / Helminthosporium turcicum [Note, früh]

Verfahren	Seriemittel		9436 Balgach / SG	
Indexx	3.1	-----	3.1	-----
LG 30306	2.4	-----	2.4	-----
Walterinio KWS	3.0	-----	3.0	-----
Figaro KWS	1.2	--	1.2	--
ES Metronom	2.6	-----	2.6	-----
P8666	1.5	--	1.5	--
P8888	1.4	--	1.4	--
P9911	0.7	-	0.7	-
SY Glorius	2.7	-----	2.7	-----
SY Collosseum	1.4	--	1.4	--
DFI45906	2.1	----	2.1	----
Erasmus	3.4	-----	3.4	-----
Farmumba	2.0	----	2.0	----
LG 31280	1.7	--	1.7	--
LG 31272	3.4	-----	3.4	-----
LG 31479	1.3	--	1.3	--
P8834	1.4	--	1.4	--
P9363	1.4	--	1.4	--
DFI46661	1.8	---	1.8	---
Prestol	4.4	-----	4.4	-----
SY Impulse	2.7	-----	2.7	-----
SY Enermax	2.4	-----	2.4	-----
Bigbeat	4.9	-----	4.9	-----
KXB8152	2.4	-----	2.4	-----
KXB8201	2.5	-----	2.5	-----
KXB8202	3.2	-----	3.2	-----
KXB8207	1.6	---	1.6	---
KXB8357	1.7	---	1.7	---
Vitalico KWS	2.0	----	2.0	----
P1758	1.3	--	1.3	--
ES Faraday	1.2	--	1.2	--
XYZ	2.5	-----	2.5	-----
Shannon	1.9	----	1.9	----
P9903	1.1	--	1.1	--
Farmirage	2.0	----	2.0	----
DKC 4652	1.5	---	1.5	---
-Bezugsgrösse(n)	1.9	----	1.9	----
Versuchs-Mittel	2.2	----	2.2	----
VK [%]	42.7		42.7	
KGD (5%)	1.5		1.5	
KGD (1%)	2.0		2.0	
Versuchs-Streuung	0.9		0.9	
FG Fehlerterm	55.0		55.0	
Anz. Beob.	3.0		3.0	

Helminthosporium turcicum [note, à la récolte] / Helminthosporium turcicum [Note, Ernte]

Verfahren	Seriemittel	9436	
		Balgach / SG	
Indexx	4.3 -----	4.3 -----	
LG 30306	3.4 -----	3.4 -----	
Walterinio KWS	4.2 -----	4.2 -----	
Figaro KWS	1.7 --	1.7 --	
ES Metronom	3.9 -----	3.9 -----	
P8666	2.7 ----	2.7 ----	
P8888	1.8 --	1.8 --	
P9911	0.7 -	0.7 -	
SY Glorius	4.2 -----	4.2 -----	
SY Collosseum	2.8 ----	2.8 ----	
DFI45906	4.1 -----	4.1 -----	
Erasmus	3.7 -----	3.7 -----	
Farmumba	3.2 -----	3.2 -----	
LG 31280	2.3 ---	2.3 ---	
LG 31272	6.1 -----	6.1 -----	
LG 31479	2.0 ---	2.0 ---	
P8834	2.6 ----	2.6 ----	
P9363	2.0 ---	2.0 ---	
DFI46661	2.6 ----	2.6 ----	
Prestol	6.6 -----	6.6 -----	
SY Impulse	4.6 -----	4.6 -----	
SY Enermax	5.2 -----	5.2 -----	
Bigbeat	6.9 -----	6.9 -----	
KXB8152	3.8 -----	3.8 -----	
KXB8201	3.7 ----	3.7 ----	
KXB8202	4.6 -----	4.6 -----	
KXB8207	2.2 ---	2.2 ---	
KXB8357	2.7 ----	2.7 ----	
Vitalico KWS	2.9 ----	2.9 ----	
P1758	1.7 --	1.7 --	
ES Faraday	2.3 ---	2.3 ---	
XYZ	4.9 -----	4.9 -----	
Shannon	2.3 ---	2.3 ---	
P9903	1.9 ---	1.9 ---	
Farmirage	3.5 ----	3.5 ----	
DKC 4652	2.6 ----	2.6 ----	
-Bezugsgrösse(n)	3.1 ----	3.1 ----	
Versuchs-Mittel	3.4 -----	3.4 -----	
VK [%]	37.3	37.3	
KGD (5%)	2.0	2.0	
KGD (1%)	2.7	2.7	
Versuchs-Streuung	1.2	1.2	
FG Fehlerterm	55.0	55.0	
Anz. Beob.	3.0	3.0	

Charbon [note] / Beulenbrand [Note]

Verfahren	Seriemittel	1567 Delley FR
Indexx	1.0 -	1.0 -
LG 30306	1.0 -	1.0 -
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 -
P9911	1.0 -	1.0 -
SY Glorius	1.0 -	1.0 -
SY Collosseum	1.0 -	1.0 -
DFI45906	1.0 -	1.0 -
Erasmus	1.0 -	1.0 -
Farmumba	1.3 -----	1.3 -----
LG 31280	1.0 -	1.0 -
LG 31272	1.0 -	1.0 -
LG 31479	1.3 -----	1.3 -----
P8834	1.0 -	1.0 -
P9363	1.0 -	1.0 -
DFI46661	1.7 -----	1.7 -----
Prestol	1.0 -	1.0 -
SY Impulse	1.0 -	1.0 -
SY Enermax	1.0 -	1.0 -
Bigbeat	1.0 -	1.0 -
KXB8152	1.0 -	1.0 -
KXB8201	1.0 -	1.0 -
KXB8202	1.3 -----	1.3 -----
KXB8207	1.0 -	1.0 -
KXB8357	1.0 -	1.0 -
Vitalico KWS	1.0 -	1.0 -
P1758	1.0 -	1.0 -
ES Faraday	1.0 -	1.0 -
XYZ	1.0 -	1.0 -
Shannon	1.0 -	1.0 -
P9903	1.0 -	1.0 -
Farmirage	1.0 -	1.0 -
DKC 4652	1.0 -	1.0 -
-Bezugsgrösse(n)	1.0 -	1.0 -
Versuchs-Mittel	1.0 -	1.0 -
VK [%]	18.4	18.4
KGD (5%)	0.3	0.3
KGD (1%)	ns	ns
Versuchs-Streuung	0.2	0.2
FG Fehlerterm	70.0	70.0
Anz. Beob.	3.0	3.0

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	2.2 -	5.2 --	0.0 -	3.4 --	2.3 --
LG 30306	1.2 -	3.2 -	0.0 -	0.8 -	0.0 -
Walterinio KWS	9.9 ----	14.3 ----	0.0 -	27.6 ----	7.2 ----
Figaro KWS	0.8 -	2.3 -	0.0 -	1.2 -	1.1 -
ES Metronom	5.3 ---	13.5 ---	0.0 -	10.7 ---	1.9 --
P8666	9.9 ----	14.9 ----	0.0 -	19.7 ----	2.4 --
P8888	4.6 ---	12.9 ---	0.0 -	8.5 ---	0.4 -
P9911	2.3 --	3.8 -	0.0 -	7.9 ---	0.4 -
SY Glorius	4.2 --	9.4 ---	0.0 -	8.7 ----	1.9 --
SY Colosseum	3.8 --	9.8 ---	0.0 -	7.3 ---	1.2 --
DFI45906	0.8 -	0.0 -	0.0 -	0.8 -	1.8 --
Erasmus	3.1 --	10.9 ---	0.0 -	2.5 -	2.2 --
Farmumba	5.3 ---	13.0 ---	4.2 ----	4.6 --	2.9 ---
LG 31280	4.1 --	4.9 --	0.0 -	12.1 ----	2.6 ---
LG 31272	1.6 -	5.2 --	0.0 -	2.5 -	0.0 -
LG 31479	7.2 ----	14.9 ----	4.2 ----	8.8 ----	0.4 -
P8834	4.2 --	14.9 ----	0.0 -	4.8 --	1.1 --
P9363	1.4 -	2.6 -	0.0 -	4.9 --	0.7 -
DFI46661	7.5 ----	10.1 ---	8.3 ----	16.8 ----	6.7 ----
Prestol	1.1 -	1.9 -	0.0 -	1.8 -	0.7 -
SY Impulse	5.6 ---	9.1 ---	0.0 -	20.4 ----	1.9 --
SY Enermax	0.8 -	0.0 -	0.0 -	0.7 -	0.8 -
Bigbeat	4.8 ---	10.0 ---	0.0 -	7.7 ---	3.3 ---
KXB8152	2.3 --	3.0 -	0.0 -	8.4 ---	0.7 -
KXB8201	2.7 --	9.7 ---	0.0 -	2.6 -	1.4 --
KXB8202	7.3 ----	16.8 ----	4.2 ----	14.2 ----	5.9 ----
KXB8207	23.5 ----	46.9 ----	0.0 -	29.8 ----	12.6 ----
KXB8357	2.1 -	7.1 --	0.0 -	0.0 -	0.8 -
Vitalico KWS	0.8 -	2.2 -	0.0 -	1.5 -	0.0 -
P1758	0.3 -	1.0 -	0.0 -	0.0 -	0.0 -
ES Faraday	1.0 -	0.8 -	0.0 -	2.0 -	0.8 -
XYZ	11.6 ----	14.0 ----	0.0 -	14.1 ----	5.5 ----
Shannon	2.5 --	6.8 --	0.0 -	3.8 --	1.2 --
P9903	0.8 -	0.4 -	0.0 -	0.0 -	0.0 -
Farmirage	2.8 --	6.4 --	0.0 -	5.6 --	0.7 -
DKC 4652	0.1 -	0.4 -	0.0 -	0.0 -	0.0 -
-Bezugsgrösse(n)	5.5 ---	9.1 ---	0.0 -	10.2 ----	1.2 --
Versuchs-Mittel	4.2 --	8.4 --	0.6 -	7.4 ---	2.0 --
VK [%]	91.7	60.5	415.7	56.2	81.3
KGD (5%)	2.3	8.3	3.9	6.8	2.7
KGD (1%)	3.0	11.0	ns	9.0	3.6
Versuchs-Streuung	3.8	5.1	2.4	4.2	1.7
FG Fehlerterm	475.0	70.0	70.0	70.0	70.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	14386.7	35	28.34 ***	1.45	0.0000
Anbauorte	5699.0	6	65.48 ***	2.12	0.0000
WW Verf.*Anb.Orte	9563.5	210	3.14 ***	1.21	0.0000
Fehler	6890.2	475			
Insgesamt	36539.3	726			

Charbon [%] / Beulenbrand [%]

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Indexx	2.7 -	0.5 -	1.1 --
LG 30306	2.5 -	2.3 -	-0.3 -
Walterinio KWS	13.5 ----	4.0 --	2.8 ---
Figaro KWS	0.7 -	1.6 -	-0.9 -
ES Metronom	1.3 -	2.1 -	7.9 -----
P8666	13.0 -----	13.9 -----	5.4 -----
P8888	4.7 --	3.3 --	2.6 ---
P9911	2.0 -	1.0 -	0.9 --
SY Glorius	4.4 --	3.8 --	1.4 --
SY Collosseum	3.6 --	4.6 --	-0.2 -
DFI45906	0.6 -	1.1 -	1.1 --
Erasmus	3.5 --	2.8 --	-0.2 -
Farmumba	4.6 --	8.0 ---	0.1 -
LG 31280	2.3 -	5.0 --	1.8 ---
LG 31272	1.9 -	1.1 -	0.4 --
LG 31479	8.0 ---	10.7 ----	3.6 ----
P8834	5.1 --	3.9 --	-0.4 -
P9363	0.0 -	2.0 -	-0.3 -
DFI46661	3.8 --	2.2 -	4.3 ----
Prestol	1.6 -	0.9 -	1.0 --
SY Impulse	2.5 -	2.2 -	3.1 ----
SY Enermax	0.0 -	3.0 --	1.3 --
Bigbeat	9.7 ----	2.5 -	0.2 -
KXB8152	2.1 -	1.5 -	0.2 -
KXB8201	2.1 -	2.6 -	0.2 -
KXB8202	7.7 ---	2.0 -	0.5 --
KXB8207	32.9 -----	29.7 -----	12.6 -----
KXB8357	1.3 -	5.5 --	0.2 -
Vitalico KWS	1.2 -	1.0 -	-0.2 -
P1758	0.0 -	1.1 -	-0.2 -
ES Faraday	1.9 -	1.1 -	0.2 -
XYZ	28.7 -----	11.6 ----	7.5 -----
Shannon	3.3 --	2.1 -	-0.1 -
P9903	3.1 --	2.0 -	0.3 -
Farmirage	4.2 --	1.1 -	1.5 --
DKC 4652	0.0 -	0.0 -	0.0 -
-Bezugsgrösse(n)	7.8 ---	8.1 ---	2.6 ---
Versuchs-Mittel	5.0 --	4.0 --	1.7 --
VK [%]	99.2	98.7	174.4
KGD (5%)	8.1	6.4	4.7
KGD (1%)	10.7	8.5	6.3
Versuchs-Streuung	5.0	3.9	2.9
FG Fehlerterm	70.0	70.0	55.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1896 Vouvry	3065 Habstetten
Indexx	2.7 ----	1.1 ---	1.9 ---	5.0 ----
LG 30306	1.3 --	0.4 --	1.5 ---	1.9 --
Walterinio KWS	4.4 -----	4.7 -----	3.9 -----	4.7 ----
Figaro KWS	1.2 --	-0.2 -	1.3 --	2.6 ---
ES Metronom	1.7 ---	1.3 ---	0.0 -	3.8 ----
P8666	2.4 ----	1.0 ---	2.2 ----	3.9 ----
P8888	3.2 -----	1.3 ----	2.0 ----	6.3 -----
P9911	0.5 -	0.6 --	0.4 -	0.4 -
SY Glorius	0.9 -	0.8 ---	0.4 -	1.6 --
SY Colosseum	2.3 ---	1.1 ---	3.1 ----	2.8 ---
DFI45906	5.7 -----	1.3 ----	6.2 -----	9.8 -----
Erasmus	1.0 --	0.5 --	0.4 -	1.9 --
Farmumba	1.4 --	0.9 ---	1.5 ---	1.9 --
LG 31280	3.0 ----	1.2 ---	6.9 -----	1.0 -
LG 31272	1.9 ---	1.6 ----	1.2 --	3.0 ---
LG 31479	1.7 ---	1.5 ----	2.4 ----	1.2 -
P8834	2.4 ----	0.6 --	1.6 ---	5.0 -----
P9363	1.7 ---	1.3 ----	1.8 ---	2.1 --
DFI46661	4.4 -----	2.6 -----	5.2 -----	5.4 -----
Prestol	1.3 --	1.2 ---	0.4 -	2.4 ---
SY Impulse	2.4 ----	1.7 ----	1.2 --	4.4 ----
SY Enermax	1.8 ---	1.4 ----	1.1 --	2.9 ---
Bigbeat	2.2 ----	1.8 ----	1.2 --	3.6 ----
KXB8152	3.6 -----	3.8 -----	0.8 --	6.2 -----
KXB8201	2.7 ----	2.7 ----	1.9 ---	3.6 ----
KXB8202	1.7 ---	1.7 ----	0.4 -	3.2 ----
KXB8207	2.5 ----	1.6 ----	0.8 --	5.1 ----
KXB8357	2.4 ----	1.2 ---	1.9 ---	4.2 ----
Vitalico KWS	2.5 ----	1.6 ----	1.1 --	4.8 ----
P1758	2.1 ----	2.4 -----	0.0 -	4.0 ----
ES Faraday	1.4 --	1.1 ---	0.0 -	3.0 ---
XYZ	3.3 -----	3.0 -----	0.4 -	6.3 -----
Shannon	1.8 ---	0.0 -	3.4 -----	1.9 --
P9903	0.7 -	0.2 -	0.0 -	1.9 --
Farmirage	2.6 ----	1.9 ----	0.7 --	5.2 ----
DKC 4652	0.9 -	-0.2 -	0.7 --	2.2 --
-Bezugsgrösse(n)	1.8 ---	0.7 --	1.8 ---	2.9 ---
Versuchs-Mittel	2.2 ----	1.4 ----	1.7 ---	3.6 ----
VK [%]	95.2	117.1	138.4	63.1
KGD (5%)	2.0	ns	ns	3.7
KGD (1%)	2.6	ns	ns	4.9
Versuchs-Streuung	2.1	1.7	2.3	2.3
FG Fehlerterm	180.0	55.0	70.0	55.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	391.7	35	2.50 ***	1.49	0.0004
Anbauorte	306.0	2	34.18 ***	3.04	0.0000
WW Verf.*Anb.Orte	389.1	70	1.24 ns	1.37	0.1294
Fehler	805.9	180			
Insgesamt	1892.7	287			

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
Indexx	2.7	----	2.7	----
LG 30306	2.7	----	2.7	----
Walterinio KWS	2.7	----	2.7	----
Figaro KWS	2.3	---	2.3	---
ES Metronom	2.0	--	2.0	--
P8666	4.3	-----	4.3	-----
P8888	2.7	----	2.7	----
P9911	2.0	--	2.0	--
SY Glorius	2.3	---	2.3	---
SY Collosseum	1.3	-	1.3	-
DFI45906	3.3	-----	3.3	-----
Erasmus	2.0	--	2.0	--
Farmumba	2.3	---	2.3	---
LG 31280	2.7	----	2.7	----
LG 31272	4.3	-----	4.3	-----
LG 31479	3.7	-----	3.7	-----
P8834	4.0	-----	4.0	-----
P9363	2.3	---	2.3	---
DFI46661	5.0	-----	5.0	-----
Prestol	1.7	--	1.7	--
SY Impulse	2.0	--	2.0	--
SY Enermax	2.7	----	2.7	----
Bigbeat	2.7	----	2.7	----
KXB8152	2.3	---	2.3	---
KXB8201	2.0	--	2.0	--
KXB8202	2.7	----	2.7	----
KXB8207	2.0	--	2.0	--
KXB8357	2.7	----	2.7	----
Vitalico KWS	3.0	-----	3.0	-----
P1758	1.7	--	1.7	--
ES Faraday	1.3	-	1.3	-
XYZ	4.7	-----	4.7	-----
Shannon	2.7	----	2.7	----
P9903	2.7	----	2.7	----
Farmirage	3.3	-----	3.3	-----
DKC 4652	1.7	--	1.7	--
-Bezugsgrösse(n)	3.5	-----	3.5	-----
Versuchs-Mittel	2.7	----	2.7	----
VK [%]	30.9		30.9	
KGD (5%)	1.3		1.3	
KGD (1%)	1.8		1.8	
Versuchs-Streuung	0.8		0.8	
FG Fehlerterm	70.0		70.0	
Anz. Beob.	3.0		3.0	

Densité [plant/m²] / Bestandesdichte [Pflanzen/m²]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	8.8 -----	8.4 -----	7.8 -----	8.8 -----	8.7 -----
LG 30306	8.8 -----	8.4 -----	7.8 -----	8.8 -----	8.6 -----
Walterinio KWS	9.0 -----	8.6 -----	7.8 -----	8.5 -----	8.8 -----
Figaro KWS	8.9 -----	8.9 -----	7.8 -----	8.0 -----	9.0 -----
ES Metronom	8.7 ----	8.6 -----	7.8 -----	7.9 ----	8.6 ----
P8666	8.5 --	7.8 ----	7.8 -----	8.1 -----	8.4 ----
P8888	8.8 ----	8.2 -----	7.8 -----	8.2 -----	8.4 ----
P9911	8.9 -----	8.6 -----	7.8 -----	8.5 -----	9.0 -----
SY Glorius	9.1 -----	8.9 -----	7.8 -----	8.4 -----	9.1 -----
SY Colosseum	8.9 -----	8.8 -----	7.8 -----	8.7 -----	8.8 -----
DFI45906	8.9 -----	8.7 -----	7.8 -----	8.2 -----	9.1 -----
Erasmus	8.6 ---	7.9 ----	7.8 -----	7.9 ----	8.6 ----
Farmumba	9.1 -----	9.3 -----	7.8 -----	8.6 -----	9.5 -----
LG 31280	8.8 ----	8.8 -----	7.8 -----	6.6 -	9.0 -----
LG 31272	8.8 ----	8.4 ----	7.8 -----	8.1 ----	9.1 -----
LG 31479	8.7 ----	8.4 ----	7.8 -----	8.3 ----	8.7 ----
P8834	8.7 ----	8.0 ----	7.8 -----	8.2 ----	8.8 ----
P9363	9.2 -----	9.3 -----	7.9 -----	9.1 -----	9.3 -----
DFI46661	8.9 -----	8.4 ----	7.8 -----	8.4 ----	9.0 -----
Prestol	9.2 -----	8.8 -----	7.8 -----	9.1 -----	9.2 -----
SY Impulse	8.8 ----	8.1 ----	7.8 -----	8.4 ----	8.7 ----
SY Enermax	9.1 -----	8.8 -----	7.8 -----	9.2 -----	9.0 -----
Bigbeat	9.1 -----	8.9 -----	7.8 -----	8.3 -----	9.3 -----
KXB8152	9.1 -----	9.0 -----	7.8 -----	8.7 -----	9.4 -----
KXB8201	9.0 -----	8.9 -----	7.8 -----	8.8 -----	9.2 -----
KXB8202	9.1 -----	8.8 -----	7.8 -----	8.9 -----	9.5 -----
KXB8207	8.9 -----	8.9 -----	7.8 -----	8.5 -----	9.0 -----
KXB8357	8.9 -----	8.5 -----	7.8 -----	8.6 -----	8.7 -----
Vitalico KWS	9.0 -----	9.0 -----	7.8 -----	8.6 -----	9.2 -----
P1758	8.5 --	6.7 -	7.8 -----	8.6 -----	8.9 -----
ES Faraday	8.7 ----	8.2 ----	7.8 -----	8.4 ----	9.1 -----
XYZ	8.4 -	8.0 ----	7.8 -----	8.3 -----	7.9 -
Shannon	8.8 -----	8.3 -----	7.8 -----	8.7 -----	8.6 -----
P9903	8.8 ----	8.4 ----	7.8 -----	8.6 -----	8.5 ----
Farmirage	8.8 ----	8.3 ----	7.7 -	8.5 -----	9.0 -----
DKC 4652	9.1 -----	8.6 -----	7.8 -----	9.0 -----	9.1 -----
-Bezugsgrösse(n)	8.7 ----	8.1 -----	7.8 -----	8.4 -----	8.5 ----
Versuchs-Mittel	8.9 -----	8.5 -----	7.8 -----	8.5 -----	8.9 -----
VK [%]	5.6	7.5	0.5	8.6	4.4
KGD (5%)	0.3	1.0	ns	ns	0.6
KGD (1%)	0.4	ns	ns	ns	0.8
Versuchs-Streuung	0.5	0.6	0.0	0.7	0.4
FG Fehlerterm	530.0	70.0	55.0	70.0	70.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	34.4	35	3.97 ***	1.45	0.0000
Anbauorte	336.1	7	193.86 ***	2.03	0.0000
WW Verf.*Anb.Orte	72.3	245	1.19 ns	1.19	
Fehler	131.3	530			
Insgesamt	574.1	817			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG	9436 Balgach / SG
Indexx	8.4 ----	9.4 --	9.1 ----	9.8 -----
LG 30306	8.3 ----	9.9 ----	9.2 ----	9.7 -----
Walterinio KWS	8.9 -----	10.3 -----	9.2 ----	9.9 -----
Figaro KWS	8.5 ----	9.9 ----	9.9 -----	9.4 ----
ES Metronom	8.5 ----	9.7 ----	9.3 ----	9.0 --
P8666	8.3 ----	9.4 --	9.1 ----	9.3 -----
P8888	9.3 -----	9.9 ----	9.1 ----	9.2 ----
P9911	9.0 -----	9.7 ----	9.3 ----	8.9 -
SY Glorius	8.5 ----	10.4 -----	9.6 ----	9.9 -----
SY Collosum	8.8 -----	10.1 ----	8.8 --	9.5 ----
DFI45906	8.7 -----	9.7 ----	9.3 ----	9.7 -----
Erasmus	8.0 --	9.9 ----	9.1 ----	9.2 ----
Farmumba	9.1 -----	10.1 ----	9.3 ----	9.1 ----
LG 31280	8.8 -----	10.2 ----	9.6 ----	9.6 -----
LG 31272	8.7 ----	9.9 ----	9.2 ----	9.3 ----
LG 31479	8.5 ----	9.7 ----	9.1 ----	8.8 -
P8834	8.3 ----	10.0 -----	9.1 ----	9.1 --
P9363	9.0 -----	10.6 -----	9.3 ----	9.4 ----
DFI46661	8.4 ----	10.5 -----	9.5 ----	9.1 --
Prestol	8.9 -----	10.8 -----	9.6 ----	9.4 ----
SY Impulse	8.4 ----	10.0 ----	9.6 ----	9.2 ----
SY Enermax	9.2 -----	10.2 ----	9.6 ----	9.1 --
Bigbeat	9.1 -----	10.0 ----	10.0 -----	9.1 --
KXB8152	7.8 -	10.6 -----	9.6 ----	9.6 -----
KXB8201	8.7 ----	10.0 ----	9.5 ----	9.3 ----
KXB8202	9.0 -----	10.0 ----	9.5 ----	9.1 --
KXB8207	8.8 ----	9.4 --	9.5 ----	9.2 ----
KXB8357	8.8 -----	10.0 ----	9.5 ----	9.3 ----
Vitalico KWS	8.7 ----	10.3 -----	9.3 ----	9.3 ----
P1758	8.2 ---	9.4 --	8.9 --	9.3 ----
ES Faraday	8.5 ----	9.8 ----	8.9 --	9.3 ----
XYZ	7.9 -	9.3 --	8.6 -	9.2 ----
Shannon	8.2 ---	10.2 -----	9.4 ----	9.4 ----
P9903	8.6 ----	9.6 ---	9.2 ----	9.4 ----
Farmirage	8.7 ----	9.1 -	9.0 --	9.9 -----
DKC 4652	9.1 -----	10.1 ----	9.6 ----	9.1 --
-Bezugsgrösse(n)	8.3 ----	9.7 ----	9.1 ----	9.5 -----
Versuchs-Mittel	8.6 -----	10.0 -----	9.3 -----	9.3 ----
VK [%]	5.7	4.5	3.5	5.8
KGD (5%)	0.8	0.7	0.5	ns
KGD (1%)	ns	1.0	0.7	ns
Versuchs-Streuung	0.5	0.4	0.3	0.5
FG Fehlerterm	70.0	70.0	70.0	55.0
Anz. Beob.	3.0	3.0	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	613.8 ---	460.4 ---	509.9 -----	761.6 ----	670.4 ---
LG 30306	651.2 -----	460.7 ---	504.2 -----	720.9 ----	718.1 -----
Walterinio KWS	606.4 ---	447.8 --	455.0 ---	772.7 ----	734.9 ----
Figaro KWS	588.9 ---	464.8 ---	438.2 --	703.7 --	644.1 --
ES Metronom	577.8 --	457.1 --	436.5 --	712.3 --	661.6 --
P8666	595.9 ---	449.3 --	401.5 --	696.4 ---	700.7 ----
P8888	657.5 -----	489.1 ----	457.0 ---	787.2 -----	756.5 -----
P9911	743.9 -----	527.3 -----	587.5 -----	863.8 -----	895.6 -----
SY Glorius	608.9 ---	466.5 ---	458.4 ---	790.0 -----	725.9 ----
SY Colosseum	629.0 ---	507.6 ----	467.0 ---	785.0 -----	735.8 ----
DFI45906	527.8 -	429.3 -	419.2 ---	660.9 --	593.2 -
Erasmus	615.7 ---	453.3 --	487.2 ----	745.4 ----	764.1 -----
Farmumba	586.7 --	492.5 ----	446.6 ----	699.4 ---	730.4 ----
LG 31280	639.6 ----	515.8 ----	430.6 --	798.7 -----	754.1 -----
LG 31272	558.1 --	462.7 ---	361.8 -	642.2 -	671.2 --
LG 31479	678.6 ----	472.5 ---	563.4 -----	807.5 -----	781.2 -----
P8834	589.6 ---	473.7 ---	452.3 ---	696.7 ---	653.5 ---
P9363	650.2 -----	476.3 ---	475.0 ----	788.8 -----	749.7 -----
DFI46661	543.7 -	431.1 -	398.9 --	717.1 ---	664.8 ---
Prestol	561.3 --	438.3 --	444.1 ---	696.7 ---	669.8 ---
SY Impulse	552.7 -	459.2 ---	446.7 ---	711.0 ---	608.1 -
SY Enermax	583.6 --	492.4 ----	382.6 -	719.9 ----	707.3 ----
Bigbeat	653.1 -----	504.5 ----	495.1 ----	804.7 -----	801.7 -----
KXB8152	557.1 --	415.7 -	451.7 ---	704.0 ---	666.1 ---
KXB8201	605.1 ---	477.5 ---	481.9 ---	749.0 ----	704.7 ---
KXB8202	655.3 ----	485.2 ---	444.9 ---	773.2 ----	772.2 -----
KXB8207	753.0 -----	572.7 -----	576.1 -----	866.9 -----	848.3 -----
KXB8357	666.5 ----	516.0 ----	491.9 ----	724.6 ----	808.3 -----
Vitalico KWS	545.7 -	442.6 --	411.1 --	664.5 --	647.7 --
P1758	840.3 -----	641.9 -----	643.1 -----	918.8 -----	886.6 -----
ES Faraday	647.7 ----	534.9 ----	544.1 -----	752.0 ----	678.3 ---
XYZ	537.6 -	454.5 --	393.7 --	635.1 -	604.6 -
Shannon	667.7 ----	528.3 ----	505.4 ----	786.3 ----	788.7 -----
P9903	630.3 ----	508.2 ----	480.0 ----	729.0 ---	742.7 -----
Farmirage	597.6 ---	468.3 ---	459.2 ---	728.7 ---	696.8 ---
DKC 4652	611.5 ---	478.9 ---	493.2 ----	689.7 ---	735.4 ----
-Bezugsgrösse(n)	623.5 ----	455.0 --	452.8 ----	708.6 ---	709.4 ----
Versuchs-Mittel	620.3 ----	482.1 ----	469.3 ----	744.6 ----	721.5 ----
VK [%]	7.7	6.6	7.0	5.4	3.4
KGD (5%)	27.1	52.5	54.0	65.7	39.8
KGD (1%)	35.6	69.9	71.9	87.5	52.8
Versuchs-Streuung	47.7	32.1	33.0	40.1	24.4
FG Fehlerterm	494.0	55.0	55.0	54.0	70.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3519126.8	35	44.10 ***	1.45	0.0000
Anbauorte	7898702.6	7	494.95 ***	2.03	0.0000
WW Verf.*Anb.Orte	1119760.8	245	2.00 ***	1.20	0.0003
Fehler	1126216.1	494			
Insgesamt	13663806.3	781			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	629.7	--	636.9	---	678.3	-----	563.2	---
LG 30306	747.5	-----	676.5	---	708.2	-----	673.2	-----
Walterinio KWS	747.8	-----	643.3	---	600.0	----	449.8	-
Figaro KWS	668.9	---	621.4	---	578.6	----	591.2	----
ES Metronom	566.7	-	573.1	-	617.9	-----	597.2	----
P8666	664.4	---	638.8	---	656.3	-----	559.7	---
P8888	682.2	----	748.5	-----	710.7	-----	628.3	----
P9911	800.3	-----	753.9	-----	720.0	-----	802.6	-----
SY Glorius	613.3	--	615.2	---	591.3	----	610.1	----
SY Collosum	684.1	----	641.5	---	606.7	----	604.4	----
DFI45906	607.3	--	545.9	-	460.2	-	506.6	--
Erasmus	639.7	--	588.0	--	664.9	-----	583.1	---
Farmumba	619.3	--	658.3	----	558.3	---	489.0	-
LG 31280	630.6	--	710.5	-----	642.4	-----	634.1	----
LG 31272	638.5	--	608.6	--	546.5	---	533.0	--
LG 31479	770.4	-----	716.7	-----	658.3	-----	658.9	-----
P8834	652.4	---	640.5	---	543.0	---	604.9	----
P9363	708.9	----	711.9	-----	604.8	----	686.6	-----
DFI46661	628.6	--	548.3	-	490.2	-	470.7	-
Prestol	603.0	--	619.2	---	536.9	---	482.4	-
SY Impulse	606.4	--	620.2	---	511.6	--	458.7	-
SY Enermax	603.5	--	624.4	---	633.1	-----	505.7	--
Bigbeat	742.1	-----	678.0	----	699.5	-----	499.0	--
KXB8152	588.5	-	586.0	--	531.7	--	512.8	--
KXB8201	623.1	--	629.0	---	657.0	-----	518.6	--
KXB8202	772.4	-----	663.1	----	702.0	-----	629.8	----
KXB8207	890.8	-----	741.2	-----	848.3	-----	679.8	-----
KXB8357	739.0	----	667.6	----	675.7	-----	708.7	-----
Vitalico KWS	594.8	-	579.0	--	519.5	--	506.4	--
P1758	958.9	-----	888.2	-----	857.9	-----	926.6	-----
ES Faraday	698.8	----	704.1	-----	682.4	-----	587.1	----
XYZ	576.6	-	569.1	-	562.6	---	504.7	--
Shannon	714.2	----	671.8	----	690.5	-----	656.5	-----
P9903	700.4	----	650.0	----	617.2	-----	614.8	----
Farmirage	686.8	----	636.0	---	529.4	--	575.4	----
DKC 4652	688.2	----	656.5	----	560.1	---	589.7	----
-Bezugsgrösse(n)	706.0	----	657.7	----	682.2	-----	616.5	----
Versuchs-Mittel	680.2	---	651.7	----	623.7	-----	589.0	----
VK [%]	8.5		9.8		7.9		10.4	
KGD (5%)	94.2		104.8		80.4		100.4	
KGD (1%)	125.0		139.2		106.8		133.7	
Versuchs-Streuung	57.8		64.3		49.4		61.3	
FG Fehlerterm	69.0		66.0		70.0		55.0	
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	1896 Vouvry	3065 Habstetten
Indexx	225.3	187.2	164.0	249.4	226.4
LG 30306	242.7	202.0	170.9	241.6	238.9
Walterinio KWS	226.7	190.9	156.7	258.9	231.5
Figaro KWS	228.0	200.3	164.5	235.6	224.0
ES Metronom	225.9	199.1	162.9	248.4	239.1
P8666	239.0	189.9	161.8	271.8	241.6
P8888	244.6	203.7	158.9	276.5	249.1
P9911	248.8	210.2	174.7	254.0	262.7
SY Glorius	238.6	205.6	167.0	269.6	254.2
SY Colosseum	243.2	204.6	167.7	278.5	251.4
DFI45906	214.8	196.9	159.0	239.9	214.2
Erasmus	224.0	187.9	158.5	236.7	240.3
Farmumba	219.9	202.4	157.9	237.6	240.7
LG 31280	240.9	217.3	154.5	266.4	255.9
LG 31272	229.4	201.8	151.3	233.9	241.7
LG 31479	228.2	179.5	157.5	251.3	231.6
P8834	229.8	205.4	160.8	235.0	224.3
P9363	241.7	206.9	170.9	252.3	244.0
DFI46661	222.2	193.5	152.6	254.1	231.0
Prestol	225.1	191.5	158.7	264.0	233.3
SY Impulse	221.7	201.9	164.8	240.8	221.0
SY Enermax	232.8	212.2	154.5	262.2	234.2
Bigbeat	225.4	190.2	155.8	253.6	236.9
KXB8152	223.5	198.1	165.5	255.4	231.6
KXB8201	228.7	201.3	164.0	242.1	238.3
KXB8202	244.8	203.9	152.7	253.4	259.6
KXB8207	256.1	220.3	179.1	270.4	262.2
KXB8357	235.9	197.0	150.5	256.4	251.1
Vitalico KWS	227.8	204.6	168.5	239.5	240.6
P1758	258.6	226.8	177.6	246.8	255.1
ES Faraday	231.6	203.0	173.4	249.3	224.6
XYZ	203.3	177.4	143.4	223.1	204.8
Shannon	235.5	218.0	155.1	241.7	241.1
P9903	234.8	203.8	167.0	260.3	224.1
Farmirage	227.6	193.0	175.2	239.5	240.6
DKC 4652	226.3	199.1	159.2	235.6	244.0
-Bezugsgrösse(n)	240.9	195.9	166.3	256.7	240.2
Versuchs-Mittel	232.0	200.8	162.1	250.7	238.5
VK [%]	7.4	5.0	7.2	6.7	6.2
KGD (5%)	9.8	16.5	ns	27.6	24.1
KGD (1%)	12.9	22.0	ns	ns	32.0
Versuchs-Streuung	17.2	10.1	11.7	16.9	14.8
FG Fehlerterm	494.0	55.0	55.0	54.0	70.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	104897.5	35	10.10 ***	1.45	0.0000
Anbauorte	902743.5	7	434.44 ***	2.03	0.0000
WW Verf.*Anb.Orte	112046.4	245	1.54 ns	1.20	
Fehler	146643.4	494			
Insgesamt	1266330.8	781			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	245.8	--	245.9	----	255.7	----	227.6	----
LG 30306	289.7	-----	251.7	-----	273.4	-----	273.7	-----
Walterinio KWS	293.1	-----	248.5	----	247.2	----	186.6	-
Figaro KWS	276.0	-----	242.2	----	251.8	----	229.4	----
ES Metronom	234.8	-	226.5	--	255.1	----	241.2	----
P8666	281.7	-----	257.4	-----	266.2	-----	242.0	-----
P8888	275.3	-----	281.3	-----	265.0	-----	247.0	-----
P9911	282.4	-----	247.9	----	269.3	-----	289.5	-----
SY Glorius	270.8	----	240.5	----	250.1	----	250.8	-----
SY Colosseum	290.9	-----	258.5	-----	249.0	----	244.7	----
DFI45906	260.8	----	220.0	-	216.3	-	211.2	---
Erasmus	250.5	---	226.8	--	253.5	-----	237.7	-----
Farmumba	260.4	----	239.9	----	228.7	--	191.7	-
LG 31280	264.2	----	259.4	-----	253.7	-----	256.0	-----
LG 31272	278.7	-----	248.3	----	248.9	----	230.4	----
LG 31479	282.6	-----	245.8	----	234.8	---	242.3	----
P8834	280.4	-----	238.1	----	235.6	---	259.1	-----
P9363	277.8	-----	255.0	-----	250.8	-----	276.0	-----
DFI46661	276.6	-----	226.7	--	234.3	---	208.8	---
Prestol	260.8	----	241.7	----	232.9	---	218.1	----
SY Impulse	250.0	--	240.1	----	243.2	----	211.6	---
SY Enermax	263.7	----	247.6	-----	266.1	-----	221.9	----
Bigbeat	274.7	-----	241.9	----	256.8	-----	193.0	-
KXB8152	253.8	---	239.0	----	235.5	---	209.0	---
KXB8201	251.1	---	250.4	-----	266.5	-----	215.5	---
KXB8202	305.6	-----	261.7	-----	269.7	-----	251.6	-----
KXB8207	315.4	-----	259.4	-----	296.8	-----	245.4	-----
KXB8357	272.8	-----	235.1	---	260.6	-----	263.8	-----
Vitalico KWS	261.6	----	252.1	-----	239.3	---	216.3	---
P1758	307.8	-----	284.0	-----	276.2	-----	294.5	-----
ES Faraday	269.8	-----	249.7	-----	248.6	-----	234.5	-----
XYZ	236.2	-	219.1	-	220.5	-	201.5	--
Shannon	269.5	-----	248.9	-----	257.0	-----	252.7	-----
P9903	270.3	-----	236.2	---	255.7	-----	261.0	-----
Farmirage	276.3	-----	240.5	----	223.4	-	232.4	----
DKC 4652	262.3	----	237.1	---	230.1	--	243.5	-----
-Bezugsgrösse(n)	285.7	-----	254.5	-----	269.8	-----	257.8	-----
Versuchs-Mittel	271.5	----	245.7	----	250.5	----	236.4	----
VK [%]	7.6		8.6		5.4		10.0	
KGD (5%)	33.7		ns		22.1		38.9	
KGD (1%)	44.8		ns		29.3		51.8	
Versuchs-Streuung	20.7		21.0		13.6		23.8	
FG Fehlerterm	69.0		66.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	36.9 -----	40.9 ----	32.1 ----	32.8 ----	33.8 -----
LG 30306	37.5 -----	44.5 -----	33.8 -----	33.5 -----	33.3 -----
Walterinio KWS	38.0 -----	43.6 -----	34.4 -----	33.6 -----	31.5 ----
Figaro KWS	39.0 -----	43.5 -----	37.5 -----	33.6 -----	34.8 -----
ES Metronom	39.3 -----	43.4 -----	37.2 -----	34.8 -----	36.2 -----
P8666	40.5 -----	43.0 -----	40.4 -----	39.1 -----	34.5 -----
P8888	37.6 -----	42.8 -----	34.9 -----	35.3 -----	33.0 -----
P9911	33.9 ---	41.4 ----	29.5 --	29.3 ---	29.3 -
SY Glorius	39.6 -----	44.8 -----	36.3 -----	34.0 -----	35.1 -----
SY Colosseum	38.8 -----	40.8 ----	36.0 -----	35.6 -----	34.2 -----
DFI45906	41.1 -----	45.5 -----	38.2 -----	36.2 -----	36.1 -----
Erasmus	36.7 -----	41.4 ----	32.6 ----	31.7 ----	31.5 ----
Farmumba	37.9 -----	41.5 ----	35.7 -----	33.9 -----	32.9 -----
LG 31280	38.1 -----	42.6 ----	36.2 -----	33.3 -----	33.9 -----
LG 31272	41.5 -----	43.9 -----	41.8 -----	36.5 -----	36.0 -----
LG 31479	33.9 ---	39.0 ---	27.7 -	31.1 ----	29.7 --
P8834	39.3 -----	44.1 -----	35.6 -----	33.7 -----	34.3 -----
P9363	37.8 -----	44.4 -----	36.2 -----	32.0 ----	32.5 ----
DFI46661	41.7 -----	46.7 -----	38.1 -----	35.6 -----	34.8 -----
Prestol	40.5 -----	44.6 -----	35.8 -----	37.9 -----	34.8 -----
SY Impulse	40.7 -----	43.9 -----	36.7 -----	33.9 -----	36.3 -----
SY Enermax	40.5 -----	44.1 -----	40.4 -----	36.4 -----	33.1 -----
Bigbeat	34.9 ---	38.2 --	31.7 ----	31.5 ----	29.6 --
KXB8152	40.5 -----	47.6 -----	36.8 -----	36.3 -----	34.7 -----
KXB8201	38.0 -----	42.8 ----	33.8 ----	32.5 ----	33.8 ----
KXB8202	37.6 -----	42.9 -----	34.5 -----	32.9 -----	33.7 -----
KXB8207	34.3 ----	39.4 ----	31.0 ---	31.2 ----	30.9 ---
KXB8357	35.5 ----	38.9 ---	30.6 ---	35.4 -----	31.1 ---
Vitalico KWS	42.2 -----	47.2 -----	41.2 -----	35.9 -----	37.1 -----
P1758	30.9 -	36.0 -	27.5 -	26.9 -	28.7 -
ES Faraday	35.9 ----	38.5 ---	32.0 ----	33.2 -----	33.1 -----
XYZ	38.0 -----	40.3 ----	36.4 -----	35.1 -----	33.9 -----
Shannon	35.5 ----	41.8 -----	30.4 ---	30.7 ----	30.6 ---
P9903	37.5 -----	40.8 ----	34.6 -----	35.8 -----	30.2 --
Farmirage	38.6 -----	42.1 ----	38.1 -----	32.9 -----	34.5 -----
DKC 4652	37.3 -----	41.9 ----	32.5 ----	34.2 -----	33.3 -----
-Bezugsgrösse(n)	39.0 -----	43.7 -----	37.1 -----	36.3 -----	33.9 -----
Versuchs-Mittel	38.0 -----	42.5 -----	35.0 -----	33.8 -----	33.2 -----
VK [%]	4.5	5.7	3.6	6.2	6.0
KGD (5%)	1.0	4.0	2.0	3.5	3.2
KGD (1%)	1.3	5.3	2.7	4.6	4.3
Versuchs-Streuung	1.7	2.4	1.2	2.1	2.0
FG Fehlerterm	514.0	55.0	70.0	54.0	70.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	5335.9	35	53.23 ***	1.45	0.0000
Anbauorte	9501.4	7	473.91 ***	2.03	0.0000
WW Verf.*Anb.Orte	1613.8	245	2.30 ***	1.19	0.0002
Fehler	1472.2	514			
Insgesamt	17923.3	801			

Précocité [% MS] / Frühreife [% TS]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	39.0	-----	38.6	-----	37.7	----	40.2	-----
LG 30306	38.8	-----	37.2	-----	38.5	-----	40.8	-----
Walterinio KWS	39.2	-----	38.8	-----	41.7	-----	41.4	-----
Figaro KWS	41.3	-----	39.0	-----	43.3	-----	38.8	----
ES Metronom	41.4	-----	39.5	-----	41.6	-----	40.3	-----
P8666	42.5	-----	40.4	-----	40.5	-----	43.3	-----
P8888	40.4	-----	37.6	----	37.1	----	39.5	-----
P9911	35.3	---	33.0	--	37.7	----	35.9	---
SY Glorius	44.2	-----	39.1	-----	42.2	-----	41.2	-----
SY Colloosseum	42.5	-----	40.1	-----	40.7	-----	40.4	-----
DFI45906	43.0	-----	40.3	-----	48.1	-----	41.8	-----
Erasmus	39.3	-----	38.6	-----	38.0	----	40.8	-----
Farmumba	42.1	-----	36.4	----	41.5	-----	39.2	-----
LG 31280	41.9	-----	36.5	----	39.9	-----	40.2	-----
LG 31272	43.6	-----	40.9	-----	45.8	-----	43.3	-----
LG 31479	36.8	----	34.3	---	36.0	---	36.7	----
P8834	43.2	-----	37.2	-----	43.2	-----	43.0	-----
P9363	39.3	-----	35.8	----	41.7	-----	40.2	-----
DFI46661	44.6	-----	41.3	-----	48.2	-----	44.5	-----
Prestol	43.3	-----	39.1	-----	43.5	-----	45.3	-----
SY Impulse	41.3	-----	38.8	-----	48.3	-----	46.2	-----
SY Enermax	43.7	-----	39.8	-----	42.5	-----	44.2	-----
Bigbeat	37.0	----	35.7	----	36.6	----	39.2	-----
KXB8152	43.1	-----	40.8	-----	44.3	-----	40.6	-----
KXB8201	40.3	-----	38.8	-----	40.2	-----	41.8	-----
KXB8202	39.6	-----	38.9	-----	38.5	----	40.1	-----
KXB8207	35.4	---	35.1	---	34.9	--	36.3	----
KXB8357	36.9	----	35.2	---	38.3	-----	37.3	----
Vitalico KWS	43.9	-----	43.6	-----	45.9	-----	42.8	-----
P1758	32.1	-	32.0	-	31.8	-	31.9	-
ES Faraday	38.6	-----	35.5	----	36.6	----	39.6	-----
XYZ	41.0	-----	38.6	-----	38.8	-----	40.1	-----
Shannon	37.8	-----	37.1	-----	37.7	-----	38.2	-----
P9903	38.5	-----	36.4	----	41.1	-----	42.3	-----
Farmirage	40.3	-----	37.8	-----	42.1	-----	40.6	-----
DKC 4652	38.1	----	36.4	----	40.6	-----	41.5	-----
-Bezugsgrösse(n)	40.6	-----	38.8	-----	39.5	-----	42.0	-----
Versuchs-Mittel	40.3	-----	37.9	-----	40.7	-----	40.5	-----
VK [%]	3.2		3.7		4.1		3.2	
KGD (5%)	2.1		2.3		2.7		2.1	
KGD (1%)	2.8		3.0		3.6		2.8	
Versuchs-Streuung	1.3		1.4		1.7		1.3	
FG Fehlerterm	70.0		70.0		55.0		70.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR
Indexx	31.7 ---	31.7 ---
LG 30306	32.5 ----	32.5 ----
Walterinio KWS	34.1 ----	34.1 ----
Figaro KWS	35.5 ----	35.5 ----
ES Metronom	36.0 ----	36.0 ----
P8666	40.5 -----	40.5 -----
P8888	34.0 ----	34.0 ----
P9911	28.7 -	28.7 -
SY Glorius	34.9 ----	34.9 ----
SY Collosseum	35.6 ----	35.6 ----
DFI45906	37.6 ----	37.6 ----
Erasmus	31.6 ---	31.6 ---
Farmumba	35.7 ----	35.7 ----
LG 31280	34.2 ---	34.2 ---
LG 31272	41.2 ----	41.2 ----
LG 31479	27.5 -	27.5 -
P8834	35.9 ----	35.9 ----
P9363	35.7 ----	35.7 ----
DFI46661	38.7 ----	38.7 ----
Prestol	34.4 ----	34.4 ----
SY Impulse	37.2 ----	37.2 ----
SY Enermax	41.4 ----	41.4 ----
Bigbeat	31.4 ---	31.4 ---
KXB8152	34.9 ----	34.9 ----
KXB8201	33.2 ---	33.2 ---
KXB8202	34.6 ----	34.6 ----
KXB8207	30.8 ---	30.8 ---
KXB8357	30.4 ---	30.4 ---
Vitalico KWS	40.9 ----	40.9 ----
P1758	27.5 -	27.5 -
ES Faraday	30.6 ---	30.6 ---
XYZ	37.1 ----	37.1 ----
Shannon	29.4 --	29.4 --
P9903	35.1 ----	35.1 ----
Farmirage	34.4 ----	34.4 ----
DKC 4652	32.2 ---	32.2 ---
-Bezugsgrösse(n)	36.5 -----	36.5 -----
Versuchs-Mittel	34.4 ----	34.4 ----
VK [%]	4.1	4.1
KGD (5%)	2.3	2.3
KGD (1%)	3.0	3.0
Versuchs-Streuung	1.4	1.4
FG Fehlerterm	54.0	54.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	156.3 ----	129.4 ----	117.3 -----	166.3 ----	153.1 ---
LG 30306	168.1 -----	135.3 ----	123.3 -----	165.9 ----	163.5 -----
Walterinio KWS	158.7 ----	124.7 ---	114.4 ----	166.7 ----	157.3 ----
Figaro KWS	158.7 ----	139.0 ----	120.1 ----	159.1 ---	148.5 --
ES Metronom	157.4 ----	136.8 ----	114.3 ----	169.1 ----	161.2 ----
P8666	165.8 -----	130.0 ----	111.0 ----	183.1 -----	164.0 -----
P8888	172.9 -----	143.0 ----	115.3 ----	190.5 -----	175.2 -----
P9911	173.9 -----	148.7 -----	126.2 -----	168.7 ----	177.6 -----
SY Glorius	163.4 ----	138.3 ----	121.9 ----	179.2 ----	170.6 ----
SY Colosseum	165.6 ----	135.5 ----	120.5 ----	180.0 ----	169.8 ----
DFI45906	148.4 ---	134.6 ----	114.3 ----	159.2 ---	147.8 -
Erasmus	158.6 ----	134.7 ----	113.6 ----	161.6 ---	168.8 ----
Farmumba	151.7 ---	140.1 ----	112.6 ----	158.1 ---	164.4 ----
LG 31280	168.0 ----	150.8 -----	108.8 ---	183.3 ----	176.3 ----
LG 31272	160.6 ----	135.6 ----	108.2 ---	162.4 ---	169.3 ----
LG 31479	166.8 ----	129.2 ----	111.4 ----	179.2 ----	167.9 ----
P8834	164.3 ----	145.9 -----	117.9 ----	171.2 ----	162.1 ----
P9363	174.5 -----	145.4 ----	124.8 -----	177.0 ----	176.4 ----
DFI46661	151.3 ---	130.1 ----	103.4 --	171.4 ----	153.9 ---
Prestol	151.1 ---	131.2 ---	111.5 ----	175.6 ----	154.4 ---
SY Impulse	158.2 ----	140.6 ----	120.8 ----	165.8 ----	160.0 ----
SY Enermax	167.2 ----	146.3 ----	113.0 ----	187.8 ----	166.7 ----
Bigbeat	157.3 ----	125.0 ---	113.4 ----	173.0 ----	161.7 ----
KXB8152	159.4 ----	136.1 ----	122.8 ----	179.1 ----	164.3 ----
KXB8201	156.5 ---	129.4 ---	118.0 ----	163.9 ---	157.7 ---
KXB8202	171.8 ----	136.2 ----	111.4 ----	177.8 ----	175.9 ----
KXB8207	176.8 ----	143.4 ----	126.7 ----	185.3 ----	175.8 ----
KXB8357	167.8 ----	136.2 ----	109.8 ---	188.5 ----	175.4 ----
Vitalico KWS	159.1 ----	139.1 ----	120.6 ----	165.9 ----	165.8 ----
P1758	183.8 -----	158.6 -----	123.9 ----	177.4 ----	175.9 ----
ES Faraday	167.0 ----	141.4 ----	127.8 ----	180.6 ----	159.2 ----
XYZ	139.3 -	116.7 -	100.7 -	149.2 -	145.5 -
Shannon	169.8 ----	151.3 ----	114.9 ----	170.6 ----	169.0 ----
P9903	169.6 ----	146.0 ----	121.4 ----	187.0 ----	157.8 ----
Farmirage	160.6 ----	128.3 ---	127.6 ----	161.6 ---	171.3 ----
DKC 4652	161.5 ----	137.5 ----	116.8 ----	158.4 ---	176.0 ----
-Bezugsgrösse(n)	166.9 -----	132.7 ----	117.2 -----	174.5 -----	163.7 -----
Versuchs-Mittel	162.8 ----	137.5 ----	116.7 ----	172.2 ----	165.0 ----
VK [%]	8.3	6.3	8.1	8.5	7.9
KGD (5%)	7.6	14.1	ns	ns	ns
KGD (1%)	10.1	18.8	ns	ns	ns
Versuchs-Streuung	13.5	8.6	9.4	14.7	13.1
FG Fehlerterm	494.0	55.0	55.0	54.0	70.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	65652.2	35	10.32 ***	1.45	0.0000
Anbauorte	454171.3	7	357.10 ***	2.03	0.0000
WW Verf.*Anb.Orte	66277.7	245	1.49 ns	1.20	
Fehler	89754.2	494			
Insgesamt	675855.4	781			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	173.4	---	170.0	---	185.9	-----	155.2	----
LG 30306	206.6	-----	171.4	---	196.8	-----	182.0	-----
Walterinio KWS	210.5	-----	175.6	----	187.4	-----	132.8	-
Figaro KWS	196.8	-----	166.1	--	181.3	-----	158.6	----
ES Metronom	165.0	-	161.1	--	186.1	-----	165.5	----
P8666	195.9	-----	184.1	-----	191.4	-----	166.4	-----
P8888	189.9	-----	209.6	-----	189.7	-----	170.3	-----
P9911	201.6	-----	178.6	----	189.5	-----	200.7	-----
SY Glorius	187.0	----	170.4	---	172.2	----	167.5	----
SY Colloosseum	201.1	-----	183.0	-----	172.0	----	162.8	----
DFI45906	180.6	----	158.2	-	147.4	-	145.4	---
Erasmus	178.8	----	163.7	--	180.2	-----	167.6	-----
Farmumba	180.0	----	168.1	---	161.1	---	129.5	-
LG 31280	185.1	----	187.7	-----	174.5	----	177.7	-----
LG 31272	196.6	-----	180.5	----	174.7	----	157.3	----
LG 31479	210.7	-----	186.1	-----	174.1	----	176.0	-----
P8834	202.9	-----	174.5	----	164.3	---	175.8	-----
P9363	207.2	-----	191.0	-----	178.3	----	195.9	-----
DFI46661	193.0	-----	160.8	-	156.9	--	140.6	--
Prestol	177.1	---	167.9	---	153.3	--	137.8	--
SY Impulse	184.1	----	179.2	-----	168.5	----	146.6	---
SY Enermax	190.4	-----	183.8	-----	192.7	-----	156.9	----
Bigbeat	194.5	-----	176.9	----	184.2	-----	129.6	-
KXB8152	185.6	----	179.2	-----	161.4	---	146.7	---
KXB8201	173.3	---	175.3	----	186.9	-----	147.6	---
KXB8202	216.8	-----	192.8	-----	193.2	-----	170.4	-----
KXB8207	218.4	-----	186.4	-----	211.6	-----	166.8	-----
KXB8357	197.8	-----	173.2	----	180.8	-----	180.3	-----
Vitalico KWS	182.7	----	183.3	-----	166.9	----	148.4	---
P1758	217.9	-----	208.7	-----	199.0	-----	209.3	-----
ES Faraday	196.2	-----	183.9	-----	180.9	-----	166.4	-----
XYZ	161.4	-	156.1	-	153.5	--	131.0	-
Shannon	196.2	-----	189.1	-----	189.9	-----	177.8	-----
P9903	196.2	-----	177.5	----	183.9	-----	187.4	-----
Farmirage	196.4	-----	178.8	----	158.1	--	162.5	----
DKC 4652	189.4	-----	177.1	----	162.9	---	173.9	-----
-Bezugsgrösse(n)	201.3	-----	177.8	----	194.1	-----	174.2	-----
Versuchs-Mittel	192.7	-----	178.1	----	177.5	-----	163.0	----
VK [%]	8.0		8.3		6.6		10.7	
KGD (5%)	25.0		24.1		19.2		28.6	
KGD (1%)	33.2		ns		25.5		38.1	
Versuchs-Streuung	15.4		14.8		11.8		17.5	
FG Fehlerterm	69.0		66.0		70.0		55.0	
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	1896 Vouvry	3065 Habstetten
Indexx	86.7 -----	77.1 -----	59.6 -----	102.6 -----	83.0 ---
LG 30306	90.4 -----	75.6 -----	59.0 -----	99.0 -----	91.8 -----
Walterinio KWS	85.3 -----	70.6 ----	55.2 ----	93.2 ----	81.7 ---
Figaro KWS	84.4 -----	77.5 -----	61.1 -----	92.5 ----	75.5 -
ES Metronom	84.4 -----	71.9 ----	57.6 ----	102.0 -----	89.2 -----
P8666	87.2 -----	68.4 ---	54.6 ----	104.9 -----	85.4 ----
P8888	88.5 -----	76.1 -----	53.6 ----	104.7 -----	94.9 -----
P9911	91.5 -----	80.3 -----	54.9 ----	96.3 ----	97.6 -----
SY Glorius	88.2 -----	76.4 -----	61.7 -----	105.5 -----	91.2 -----
SY Colosseum	86.0 -----	70.2 ----	60.8 -----	101.0 -----	88.5 -----
DFI45906	82.2 -----	78.5 -----	57.3 ----	95.3 ----	81.6 ---
Erasmus	84.3 -----	76.7 -----	56.3 -----	92.4 ----	90.4 -----
Farmumba	83.3 -----	79.4 -----	58.0 -----	95.2 ----	89.0 -----
LG 31280	94.0 -----	84.9 -----	58.2 ----	115.6 -----	101.6 -----
LG 31272	88.7 -----	69.6 ---	59.8 -----	94.1 ----	94.1 -----
LG 31479	87.0 -----	70.8 ----	46.8 -	96.9 ----	89.3 -----
P8834	92.0 -----	82.9 -----	62.2 -----	104.5 -----	90.7 -----
P9363	96.4 -----	81.3 -----	62.5 -----	104.7 -----	101.1 -----
DFI46661	78.5 ---	73.6 ----	48.8 --	94.7 ----	78.3 --
Prestol	81.0 ----	77.3 -----	56.7 ----	98.8 -----	81.7 ---
SY Impulse	86.8 -----	82.3 -----	62.1 -----	96.3 ----	89.0 -----
SY Enermax	89.8 -----	80.1 -----	59.1 -----	108.1 -----	88.3 -----
Bigbeat	82.0 -----	67.6 ---	52.1 ---	99.0 -----	79.5 --
KXB8152	89.4 -----	80.3 -----	65.2 -----	104.4 -----	94.8 -----
KXB8201	80.9 ----	70.4 ----	58.0 ----	95.5 ----	78.1 --
KXB8202	90.3 -----	74.6 ----	51.1 ---	101.0 -----	88.6 -----
KXB8207	84.9 -----	78.9 -----	54.2 ----	96.4 ----	80.3 --
KXB8357	90.3 -----	77.3 -----	51.8 ---	112.9 -----	96.3 -----
Vitalico KWS	87.5 -----	80.9 -----	64.4 -----	96.2 ----	92.1 -----
P1758	91.3 -----	87.4 -----	50.6 ---	98.3 ----	86.4 ----
ES Faraday	88.7 -----	82.9 -----	59.3 -----	102.5 -----	83.4 ----
XYZ	71.8 -	62.5 -	50.7 ---	81.5 -	77.9 --
Shannon	89.5 -----	86.8 -----	51.5 ---	97.1 ----	89.7 -----
P9903	93.4 -----	86.6 -----	60.8 -----	115.8 -----	82.7 ---
Farmirage	88.8 -----	74.4 ----	65.0 -----	93.5 ----	95.8 -----
DKC 4652	89.3 -----	82.5 -----	58.0 ----	94.8 ----	98.3 -----
-Bezugsgrösse(n)	88.8 -----	72.0 ----	56.8 -----	101.9 -----	88.6 -----
Versuchs-Mittel	87.1 -----	77.1 -----	57.2 -----	99.6 -----	88.3 -----
VK [%]	10.4	8.3	9.5	11.6	10.3
KGD (5%)	5.1	10.5	8.9	ns	14.7
KGD (1%)	6.7	13.9	11.8	ns	ns
Versuchs-Streuung	9.0	6.4	5.4	11.6	9.1
FG Fehlerterm	524.0	55.0	70.0	69.0	70.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	18662.0	35	6.54 ***	1.45	0.0000
Anbauorte	159696.8	7	279.71 ***	2.03	0.0000
WW Verf.*Anb.Orte	26756.3	245	1.34 ns	1.19	
Fehler	42739.3	524			
Insgesamt	247854.3	811			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	93.1	---	97.8	-----	92.0	-----	88.7	-----
LG 30306	110.1	-----	93.6	----	97.6	-----	96.6	-----
Walterinio KWS	113.0	-----	96.9	-----	97.8	-----	74.2	---
Figaro KWS	103.8	-----	93.0	----	93.0	-----	78.4	---
ES Metronom	87.8	--	84.7	--	96.2	-----	85.6	----
P8666	102.6	-----	95.2	-----	97.4	-----	89.1	-----
P8888	96.1	----	109.8	-----	90.7	-----	81.8	----
P9911	107.3	-----	92.7	----	95.1	-----	107.4	-----
SY Glorius	104.1	-----	91.5	----	89.1	-----	85.7	----
SY Colloosseum	106.3	-----	95.7	-----	86.8	----	78.3	----
DFI45906	100.2	----	88.8	----	78.8	---	76.9	---
Erasmus	96.2	----	87.2	---	88.6	-----	86.7	----
Farmumba	101.1	-----	85.4	---	89.4	-----	68.8	--
LG 31280	101.5	----	105.8	-----	92.0	-----	92.4	-----
LG 31272	107.7	-----	103.2	-----	95.2	-----	86.3	----
LG 31479	112.7	-----	99.7	-----	87.8	----	92.2	-----
P8834	117.0	-----	96.3	-----	84.6	----	97.8	-----
P9363	117.2	-----	104.0	-----	89.9	-----	110.2	-----
DFI46661	102.5	-----	81.5	-	74.2	-	74.5	---
Prestol	91.8	---	89.2	----	75.4	-	77.3	---
SY Impulse	100.5	-----	97.1	-----	83.9	----	83.2	-----
SY Enermax	102.0	-----	95.2	-----	95.2	-----	90.2	-----
Bigbeat	101.4	-----	94.2	----	89.8	-----	72.4	--
KXB8152	102.1	-----	103.6	-----	80.5	---	84.4	-----
KXB8201	88.4	--	87.8	---	91.6	-----	77.2	---
KXB8202	116.2	-----	104.5	-----	95.3	-----	91.5	-----
KXB8207	102.1	-----	92.0	----	93.8	-----	81.4	----
KXB8357	105.7	-----	93.3	----	85.2	----	99.9	-----
Vitalico KWS	98.9	----	104.5	-----	87.0	-----	75.8	---
P1758	104.8	-----	103.7	-----	89.4	-----	109.7	-----
ES Faraday	108.9	-----	93.4	----	87.3	----	91.5	-----
XYZ	82.5	-	79.5	-	75.9	-	64.3	-
Shannon	103.7	-----	99.4	-----	96.4	-----	91.6	-----
P9903	106.8	-----	94.6	-----	96.6	-----	102.9	-----
Farmirage	110.3	-----	97.3	-----	83.7	----	90.7	-----
DKC 4652	104.0	-----	94.4	-----	83.4	----	98.8	-----
-Bezugsgrösse(n)	106.3	-----	94.4	-----	97.5	-----	92.9	-----
Versuchs-Mittel	103.1	-----	95.2	-----	89.1	-----	87.1	-----
VK [%]	9.3		10.0		9.7		11.8	
KGD (5%)	15.6		ns		14.1		16.9	
KGD (1%)	20.7		ns		ns		22.4	
Versuchs-Streuung	9.6		9.5		8.7		10.3	
FG Fehlerterm	69.0		66.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon		1567 Delley FR		1896 Vouvry		3065 Habstetten	
Indexx	694.5	----	694.6	-----	716.9	-----	665.7	---	676.4	---
LG 30306	692.3	----	667.2	---	721.8	-----	682.7	-----	684.4	----
Walterinio KWS	699.7	-----	653.6	--	728.6	-----	646.0	-	679.7	---
Figaro KWS	695.7	-----	691.5	-----	729.8	-----	672.3	----	662.7	-
ES Metronom	696.3	-----	682.2	-----	703.5	----	682.0	-----	672.8	--
P8666	692.9	----	684.8	-----	686.6	--	673.3	----	678.0	---
P8888	707.5	-----	700.3	-----	724.8	-----	689.3	-----	703.7	-----
P9911	700.9	-----	709.8	-----	724.7	-----	662.3	---	674.0	---
SY Glorius	687.8	---	674.9	----	732.0	-----	664.7	---	671.0	--
SY Colloseum	681.8	--	662.8	---	717.7	-----	645.0	-	675.9	---
DFI45906	692.3	----	684.9	-----	716.2	-----	665.7	---	689.5	-----
Erasmus	708.5	-----	715.4	-----	715.2	-----	681.0	-----	702.8	-----
Farmumba	690.3	----	690.9	-----	707.6	-----	666.0	---	682.9	-----
LG 31280	696.5	-----	694.7	-----	698.8	----	687.5	-----	689.1	-----
LG 31272	699.1	-----	673.9	----	717.0	-----	691.3	-----	700.9	-----
LG 31479	729.1	-----	718.1	-----	710.8	----	711.7	-----	724.4	-----
P8834	716.6	-----	713.2	-----	731.5	-----	730.7	-----	722.5	-----
P9363	720.7	-----	702.7	-----	727.6	-----	697.7	-----	723.1	-----
DFI46661	679.1	--	666.5	---	678.2	-	676.3	----	665.8	-
Prestol	672.8	-	682.5	-----	702.5	----	665.7	---	661.5	-
SY Impulse	714.1	-----	699.3	-----	736.4	-----	687.7	-----	724.7	-----
SY Enermax	718.6	-----	689.8	-----	732.6	-----	717.3	-----	712.0	-----
Bigbeat	696.7	-----	657.1	--	723.0	-----	682.7	-----	682.7	-----
KXB8152	712.4	-----	682.9	-----	740.0	-----	702.0	-----	708.6	-----
KXB8201	685.6	---	646.5	-	722.9	-----	675.3	----	661.4	-
KXB8202	701.9	-----	668.3	----	728.5	-----	701.0	-----	677.6	---
KXB8207	689.8	----	649.0	-	709.3	----	687.3	-----	670.6	--
KXB8357	711.7	-----	692.9	-----	729.7	-----	735.7	-----	695.9	-----
Vitalico KWS	697.6	-----	674.5	-----	713.3	-----	693.7	-----	689.4	-----
P1758	710.1	-----	701.2	-----	698.5	----	715.0	-----	687.5	-----
ES Faraday	719.8	-----	694.9	-----	731.4	-----	726.3	-----	708.7	-----
XYZ	683.9	---	647.0	-	701.6	----	668.7	---	710.5	-----
Shannon	720.6	-----	689.5	-----	745.3	-----	704.0	-----	700.9	-----
P9903	722.1	-----	712.3	-----	731.1	-----	715.7	-----	703.4	-----
Farmirage	704.8	-----	659.8	--	730.0	-----	676.3	----	711.7	-----
DKC 4652	713.5	-----	691.2	-----	730.1	-----	670.0	---	720.4	-----
-Bezugsgrösse(n)	692.6	----	676.0	-----	704.2	----	678.0	-----	681.2	----
Versuchs-Mittel	701.6	-----	683.9	-----	719.3	-----	686.5	-----	691.9	-----
VK [%]	2.6		3.0		2.5		2.9		2.8	
KGD (5%)	10.4		33.8		29.3		32.0		31.8	
KGD (1%)	13.7		45.1		39.0		42.5		42.4	
Versuchs-Streuung	18.4		20.7		17.9		19.6		19.5	
FG Fehlerterm	499.0		55.0		55.0		69.0		55.0	
Anz. Beob.	24.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	158854.0	35	13.40 ***	1.45	0.0000
Anbauorte	190036.9	7	80.15 ***	2.03	0.0000
WW Verf.*Anb.Orte	154388.5	245	1.86 ***	1.20	0.0005
Fehler	169009.8	499			
Insgesamt	672289.2	786			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	705.3	---	691.0	--	726.0	-----	680.0	-----
LG 30306	713.3	-----	681.0	-	720.3	-----	667.5	----
Walterinio KWS	718.3	-----	707.3	----	756.7	-----	707.4	-----
Figaro KWS	713.0	-----	685.7	-	720.0	-----	691.0	-----
ES Metronom	705.7	----	712.0	----	729.3	-----	683.0	-----
P8666	695.7	---	717.0	-----	719.0	-----	689.1	-----
P8888	689.7	--	745.3	-----	716.0	-----	690.9	-----
P9911	714.0	-----	719.7	----	704.0	----	698.8	-----
SY Glorius	690.7	--	709.7	----	688.7	----	671.2	----
SY Colosseum	691.0	--	706.3	----	691.0	----	664.3	----
DFI45906	692.3	---	720.7	-----	681.3	---	687.5	-----
Erasmus	713.7	-----	724.0	-----	711.0	-----	704.6	-----
Farmumba	691.3	--	700.0	---	704.7	----	678.7	----
LG 31280	700.7	----	724.0	-----	688.0	----	689.6	-----
LG 31272	705.0	----	723.3	-----	701.3	----	679.8	-----
LG 31479	745.7	-----	757.3	-----	741.7	-----	723.1	-----
P8834	723.0	-----	733.3	-----	698.7	----	679.9	-----
P9363	745.3	-----	750.0	-----	711.0	-----	708.0	-----
DFI46661	692.7	---	710.0	----	668.7	--	674.6	----
Prestol	679.7	-	694.3	--	658.3	-	637.8	-
SY Impulse	736.3	-----	746.7	-----	693.3	----	688.3	-----
SY Enermax	722.3	-----	743.3	-----	723.3	-----	708.0	-----
Bigbeat	708.0	----	732.7	-----	717.0	-----	670.5	----
KXB8152	731.7	-----	749.3	-----	686.0	---	698.4	-----
KXB8201	689.3	--	702.0	---	701.7	----	686.0	----
KXB8202	709.0	----	734.7	-----	716.7	-----	679.5	----
KXB8207	692.3	---	719.3	----	712.3	-----	678.4	----
KXB8357	724.3	-----	736.7	-----	694.3	----	684.2	-----
Vitalico KWS	698.7	---	727.0	-----	698.3	-----	685.9	-----
P1758	708.3	----	734.3	-----	720.3	-----	715.5	-----
ES Faraday	727.3	-----	736.7	-----	726.7	-----	706.5	-----
XYZ	683.3	-	712.3	----	696.3	----	651.5	--
Shannon	728.3	-----	760.0	-----	738.7	-----	698.0	-----
P9903	726.0	-----	752.0	-----	719.3	-----	717.0	-----
Farmirage	711.0	----	743.3	-----	706.7	-----	699.4	-----
DKC 4652	723.0	-----	748.7	-----	708.0	----	717.0	-----
-Bezugsgrösse(n)	704.5	----	699.0	---	719.7	-----	678.3	-----
Versuchs-Mittel	709.6	-----	724.8	-----	708.2	-----	688.6	-----
VK [%]	2.0		2.5		2.9		2.4	
KGD (5%)	22.5		29.0		33.8		26.7	
KGD (1%)	29.9		38.6		44.9		35.6	
Versuchs-Streuung	13.8		17.8		20.7		16.3	
FG Fehlerterm	70.0		70.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	385.5 -----	413.6 -----	364.7 -----	410.0 -----	371.2 -----
LG 30306	370.6 -----	366.1 ----	345.7 -----	405.3 -----	384.1 -----
Walterinio KWS	375.4 -----	371.4 ----	350.7 -----	364.3 -	351.8 ----
Figaro KWS	368.9 -----	386.0 -----	371.3 -----	388.0 ----	335.7 --
ES Metronom	370.8 -----	355.6 --	355.0 -----	411.0 -----	364.8 -----
P8666	363.9 -----	362.8 ----	338.0 -----	387.0 -----	353.8 -----
P8888	361.2 -----	377.1 ----	337.7 -----	379.7 --	381.5 -----
P9911	366.0 -----	386.0 -----	315.7 --	376.3 --	371.2 -----
SY Glorius	370.3 -----	374.1 ----	371.0 -----	390.7 ----	361.5 -----
SY Colosseum	352.7 ----	343.4 -	362.0 -----	360.0 -	355.9 ----
DFI45906	381.7 -----	397.7 -----	358.3 -----	400.0 -----	381.3 -----
Erasmus	376.1 -----	404.9 -----	353.0 -----	389.0 ----	378.8 -----
Farmumba	377.1 -----	389.9 -----	362.3 -----	402.3 ----	369.8 -----
LG 31280	388.4 -----	391.5 -----	372.3 -----	433.5 -----	396.0 -----
LG 31272	384.0 -----	349.4 -	397.0 -----	398.7 ----	392.2 -----
LG 31479	377.4 -----	390.8 -----	298.7 --	385.0 --	386.2 -----
P8834	401.4 -----	411.4 -----	385.7 -----	449.7 -----	403.4 -----
P9363	396.1 -----	393.1 -----	363.7 -----	409.0 -----	416.7 -----
DFI46661	351.1 --	373.4 ----	320.0 ----	375.3 --	336.4 --
Prestol	360.3 -----	402.1 -----	356.3 -----	376.3 --	347.9 ----
SY Impulse	391.2 -----	408.1 -----	379.3 -----	397.3 -----	398.0 -----
SY Enermax	386.2 -----	379.5 -----	383.3 -----	414.0 -----	377.7 -----
Bigbeat	363.2 -----	360.0 --	331.7 -----	391.0 ----	334.9 --
KXB8152	398.3 -----	394.2 -----	391.7 -----	411.7 -----	405.3 -----
KXB8201	353.0 ----	358.0 --	356.7 -----	388.0 ----	326.4 --
KXB8202	366.4 -----	366.9 ----	335.0 ----	396.7 ----	340.5 ----
KXB8207	331.6 -	358.3 --	303.7 --	359.3 -	305.3 -
KXB8357	381.0 -----	395.3 -----	343.7 -----	439.3 -----	380.8 -----
Vitalico KWS	382.6 -----	388.2 -----	380.3 -----	400.7 ----	381.8 -----
P1758	350.4 --	388.3 -----	285.7 -	395.3 ----	335.0 --
ES Faraday	381.9 -----	406.8 -----	339.3 ----	413.3 -----	376.3 -----
XYZ	352.7 ----	342.3 -	352.7 -----	366.7 -	382.8 -----
Shannon	376.9 -----	391.1 -----	334.3 ----	399.3 ----	368.1 -----
P9903	396.7 -----	421.3 -----	366.7 -----	443.7 -----	371.4 -----
Farmirage	388.5 -----	382.9 -----	370.3 -----	391.7 ----	397.0 -----
DKC 4652	392.5 -----	413.4 -----	361.3 -----	400.0 ----	402.1 -----
-Bezugsgrösse(n)	367.3 -----	364.5 --	341.8 -----	396.2 -----	369.0 -----
Versuchs-Mittel	374.2 -----	383.2 -----	352.6 -----	397.2 -----	370.1 -----
VK [%]	6.2	6.3	4.9	7.0	6.0
KGD (5%)	13.1	39.6	28.1	45.5	36.2
KGD (1%)	17.2	52.7	37.3	ns	48.1
Versuchs-Streuung	23.1	24.2	17.3	27.9	22.1
FG Fehlerterm	514.0	55.0	70.0	69.0	55.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	216815.9	35	11.65 ***	1.45	0.0000
Anbauorte	177974.2	7	47.82 ***	2.03	0.0000
WW Verf.*Anb.Orte	200764.6	245	1.54 ns	1.19	
Fehler	273300.4	514			
Insgesamt	868855.0	801			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	378.3	-----	397.0	-----	359.3	-----	390.1	-----
LG 30306	380.3	-----	373.3	----	357.0	-----	353.0	----
Walterinio KWS	385.3	-----	390.7	-----	394.7	-----	394.3	-----
Figaro KWS	376.0	-----	383.7	-----	369.3	-----	341.0	---
ES Metronom	376.3	-----	374.0	-----	377.3	-----	352.4	----
P8666	364.0	-----	372.3	----	366.0	-----	367.7	-----
P8888	349.0	---	390.3	-----	342.0	----	332.2	--
P9911	380.0	-----	373.3	----	353.3	-----	372.4	-----
SY Glorius	384.3	-----	382.0	-----	356.7	-----	341.9	---
SY Colloosseum	365.3	----	366.7	---	348.7	-----	319.9	-
DFI45906	384.0	-----	405.3	-----	364.0	-----	363.1	-----
Erasmus	384.3	-----	383.0	-----	349.7	-----	366.1	-----
Farmumba	388.3	-----	354.3	--	392.7	-----	357.3	-----
LG 31280	383.3	-----	408.3	-----	362.7	-----	359.9	-----
LG 31272	386.0	-----	395.0	-----	380.7	-----	373.1	-----
LG 31479	398.3	-----	404.7	-----	374.7	-----	381.0	-----
P8834	417.3	-----	404.7	-----	360.7	-----	378.0	-----
P9363	421.3	-----	408.3	-----	358.3	-----	398.5	-----
DFI46661	373.3	-----	360.0	---	314.3	-	356.0	-----
Prestol	353.3	---	369.3	-----	323.7	--	353.6	-----
SY Impulse	402.3	-----	404.7	-----	345.7	-----	393.8	-----
SY Enermax	387.3	-----	384.7	-----	357.0	-----	406.4	-----
Bigbeat	369.3	-----	390.7	-----	349.7	-----	378.4	-----
KXB8152	402.7	-----	433.3	-----	342.7	----	404.8	-----
KXB8201	350.7	---	340.0	-	344.3	----	359.9	-----
KXB8202	380.0	-----	394.0	-----	353.0	-----	365.0	-----
KXB8207	323.3	-	355.0	--	315.7	-	332.3	--
KXB8357	386.3	-----	396.3	-----	327.3	--	378.7	-----
Vitalico KWS	378.3	-----	414.3	-----	364.0	-----	353.1	----
P1758	339.7	--	364.7	---	323.7	--	371.2	-----
ES Faraday	404.0	-----	374.3	-----	350.0	-----	391.0	-----
XYZ	349.3	---	363.0	---	344.7	-----	320.3	-
Shannon	386.7	-----	399.7	-----	375.0	-----	361.2	-----
P9903	395.3	-----	400.7	-----	378.0	-----	396.2	-----
Farmirage	399.3	-----	404.0	-----	373.3	-----	389.6	-----
DKC 4652	396.7	-----	399.7	-----	362.7	-----	404.0	-----
-Bezugsgrösse(n)	372.2	-----	372.8	----	361.5	-----	360.3	-----
Versuchs-Mittel	380.0	-----	386.5	-----	355.9	-----	368.3	-----
VK [%]	5.2		6.1		7.6		5.5	
KGD (5%)	31.9		38.5		ns		33.0	
KGD (1%)	42.4		51.1		ns		44.0	
Versuchs-Streuung	19.6		23.6		27.0		20.2	
FG Fehlerterm	70.0		70.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	150.6 ----	147.3 ---	158.3 ---	151.6 -----	159.9 ---
LG 30306	162.6 -----	175.0 -----	167.0 -----	156.7 -----	166.1 -----
Walterinio KWS	149.7 ---	160.0 -----	160.7 ---	159.8 -----	163.5 ---
Figaro KWS	153.2 -----	158.0 ---	152.7 -	153.7 -----	174.4 -----
ES Metronom	150.9 ---	163.3 -----	159.7 ---	142.2 --	162.0 ---
P8666	155.1 -----	161.3 -----	169.3 -----	149.9 -----	166.2 -----
P8888	155.5 -----	156.7 ---	165.7 -----	153.8 -----	156.8 ---
P9911	164.1 -----	161.3 -----	170.7 -----	169.8 -----	174.2 -----
SY Glorius	154.0 -----	154.7 ---	153.7 -	150.0 ---	168.5 -----
SY Colosseum	160.1 -----	172.3 -----	155.3 --	161.3 -----	169.1 ---
DFI45906	153.4 -----	151.0 ---	162.0 ---	154.0 -----	163.7 ---
Erasmus	143.3 -	139.7 -	154.0 -	146.9 ---	149.7 -
Farmumba	150.5 ---	151.7 ---	155.0 --	149.4 -----	163.7 -----
LG 31280	145.5 --	148.3 ---	152.0 -	136.0 -	154.3 --
LG 31272	149.6 ---	168.3 -----	155.7 --	143.6 ---	156.6 ---
LG 31479	154.6 -----	160.7 -----	172.0 -----	159.7 -----	157.0 ---
P8834	152.7 ---	151.0 ---	159.3 ---	136.2 -	157.9 ---
P9363	153.5 -----	159.7 -----	160.0 ---	158.2 -----	153.2 --
DFI46661	165.6 -----	165.7 -----	180.0 -----	159.7 -----	181.8 -----
Prestol	160.4 -----	147.7 ---	160.0 ---	155.3 -----	173.9 -----
SY Impulse	150.3 ---	150.3 ---	157.0 --	155.2 -----	154.0 --
SY Enermax	155.8 -----	166.0 -----	155.0 --	153.4 -----	165.8 -----
Bigbeat	157.4 -----	170.0 -----	159.0 ---	153.5 -----	171.6 -----
KXB8152	148.1 ---	159.7 -----	152.3 -	144.9 ---	152.0 -
KXB8201	164.7 -----	174.3 -----	165.3 ---	157.6 -----	185.1 -----
KXB8202	156.8 -----	167.3 -----	161.3 ---	157.2 -----	169.1 ---
KXB8207	162.9 -----	164.0 -----	167.7 -----	162.1 -----	178.4 -----
KXB8357	162.2 -----	164.3 -----	161.7 ---	143.5 ---	175.8 -----
Vitalico KWS	150.4 ---	160.7 -----	151.7 -	149.1 ---	158.8 ---
P1758	167.6 -----	165.7 -----	174.3 -----	163.3 -----	181.7 -----
ES Faraday	156.5 -----	160.7 -----	168.3 -----	149.7 -----	162.0 ---
XYZ	160.6 -----	177.3 -----	160.7 ---	161.4 -----	155.1 --
Shannon	152.8 -----	160.0 -----	156.7 --	151.9 -----	167.5 -----
P9903	154.6 -----	159.7 -----	158.7 ---	141.6 --	168.1 -----
Farmirage	148.2 ---	158.3 -----	152.0 -	153.1 -----	154.4 --
DKC 4652	151.1 ---	157.0 ---	155.3 --	153.4 -----	151.3 -
-Bezugsgrösse(n)	158.9 -----	168.2 -----	168.2 -----	153.3 -----	166.1 -----
Versuchs-Mittel	155.1 -----	160.3 -----	160.6 ---	152.7 -----	164.5 -----
VK [%]	6.2	6.9	4.3	7.8	6.4
KGD (5%)	5.5	18.0	11.4	ns	17.3
KGD (1%)	7.2	ns	15.1	ns	23.0
Versuchs-Streuung	9.6	11.1	7.0	11.9	10.5
FG Fehlerterm	514.0	70.0	70.0	54.0	55.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	29538.4	35	9.08 ***	1.45	0.0000
Anbauorte	34964.4	7	53.77 ***	2.03	0.0000
WW Verf.*Anb.Orte	27568.2	245	1.21 ns	1.19	
Fehler	47750.7	514			
Insgesamt	139821.8	801			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	148.3	----	143.3	----	156.3	----	139.5	----
LG 30306	154.0	-----	158.7	-----	163.3	-----	159.8	-----
Walterinio KWS	142.7	---	142.0	----	139.7	-	129.2	-
Figaro KWS	143.7	---	147.7	-----	149.0	---	146.5	-----
ES Metronom	144.7	---	145.0	----	146.3	--	144.1	----
P8666	150.0	-----	149.3	-----	152.0	---	143.0	-----
P8888	157.0	-----	141.3	----	159.3	-----	153.1	-----
P9911	154.7	-----	158.0	-----	164.7	-----	159.7	-----
SY Glorius	145.3	---	147.0	-----	156.3	---	156.3	-----
SY Colloosseum	153.0	-----	150.3	-----	159.0	----	160.8	-----
DFI45906	150.7	----	136.7	---	159.3	-----	149.7	-----
Erasmus	134.7	-	137.0	---	148.3	---	136.3	---
Farmumba	144.0	---	149.7	-----	145.0	--	145.1	----
LG 31280	142.0	---	134.3	--	152.3	---	144.9	----
LG 31272	144.7	---	141.3	----	145.0	--	141.4	----
LG 31479	142.0	---	142.0	----	152.0	---	151.1	-----
P8834	144.0	---	148.3	-----	167.3	-----	157.2	-----
P9363	141.3	--	144.0	----	161.3	-----	150.6	-----
DFI46661	151.0	----	154.3	-----	176.3	-----	156.1	-----
Prestol	161.7	-----	152.3	-----	174.0	-----	158.1	-----
SY Impulse	140.0	--	138.0	---	166.3	-----	141.2	----
SY Enermax	152.3	-----	147.3	-----	162.0	-----	144.5	----
Bigbeat	151.0	----	144.3	----	159.3	-----	150.4	-----
KXB8152	140.7	--	129.0	-	166.7	-----	139.7	----
KXB8201	157.0	-----	162.7	-----	167.7	-----	148.1	----
KXB8202	147.3	---	140.0	----	155.7	---	156.2	-----
KXB8207	157.7	-----	150.0	-----	164.7	-----	158.8	-----
KXB8357	156.3	-----	147.7	-----	184.0	-----	164.3	-----
Vitalico KWS	147.3	----	133.3	--	155.3	----	147.3	----
P1758	170.3	-----	159.3	-----	170.0	-----	156.0	-----
ES Faraday	146.0	---	156.7	-----	164.0	-----	145.1	----
XYZ	155.0	-----	151.0	-----	160.0	-----	164.2	-----
Shannon	143.0	---	139.3	----	150.3	---	153.8	-----
P9903	153.7	-----	153.0	-----	156.0	----	146.0	----
Farmirage	139.7	--	138.3	---	153.0	----	136.9	---
DKC 4652	143.3	---	145.0	----	163.0	-----	140.7	----
-Bezugsgrösse(n)	152.0	-----	154.0	-----	157.7	-----	151.4	-----
Versuchs-Mittel	148.6	-----	146.0	-----	159.0	-----	149.3	-----
VK [%]	4.9		6.5		6.9		5.4	
KGD (5%)	11.9		15.4		17.9		13.3	
KGD (1%)	15.8		20.4		23.7		17.7	
Versuchs-Streuung	7.3		9.4		11.0		8.1	
FG Fehlerterm	70.0		70.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	351.4 ----	343.3 -	373.1 ----	345.5 ----	362.9 ----
LG 30306	370.9 -----	404.3 -----	371.5 -----	360.3 -----	375.0 -----
Walterinio KWS	345.5 ---	371.3 ----	363.7 ---	363.8 ----	364.1 ----
Figaro KWS	355.2 ----	369.0 ----	352.4 --	362.8 ----	383.2 ----
ES Metronom	349.1 ---	383.3 ----	372.6 ----	330.0 --	376.4 ----
P8666	363.7 -----	383.7 -----	401.2 -----	361.1 -----	372.9 -----
P8888	358.2 ----	375.0 ----	373.7 ----	358.4 ----	360.8 ----
P9911	367.3 -----	375.7 ----	376.9 ----	383.5 -----	381.8 ----
SY Glorius	362.1 ----	378.7 ----	353.7 ---	365.1 ----	380.7 ----
SY Colloosseum	370.6 -----	413.0 -----	359.0 ---	382.8 ----	369.9 ----
DFI45906	353.0 ---	360.3 --	366.2 ---	358.5 ----	364.2 ----
Erasmus	334.3 -	340.3 -	359.2 ---	338.6 ---	331.0 -
Farmumba	348.0 ---	362.7 ---	360.0 ---	347.5 ----	358.8 ----
LG 31280	344.2 ---	363.7 ---	363.9 ---	320.5 -	352.1 ---
LG 31272	351.5 ---	398.3 -----	364.5 ---	336.4 ---	352.0 ---
LG 31479	344.3 ---	369.0 ----	383.1 ----	352.9 ----	325.0 -
P8834	353.6 ----	361.7 ---	364.9 ---	329.6 --	349.1 ---
P9363	347.7 ---	376.0 ----	355.3 ---	349.8 ----	339.0 --
DFI46661	383.6 -----	394.7 -----	410.8 -----	372.8 ----	390.2 ----
Prestol	382.9 -----	372.7 ----	374.7 ----	377.0 ----	400.2 ----
SY Impulse	347.6 ---	350.3 --	350.7 --	360.4 ----	350.3 ---
SY Enermax	355.1 ----	386.7 ----	352.9 ---	347.1 ----	355.6 ---
Bigbeat	358.9 ----	381.3 ----	350.7 --	358.8 ----	377.4 ----
KXB8152	341.2 --	369.0 ----	343.1 -	337.8 ---	334.4 --
KXB8201	377.7 -----	397.0 ----	370.6 ----	361.2 ----	403.5 ----
KXB8202	356.3 ---	385.3 ----	353.6 ---	345.7 ---	363.1 ---
KXB8207	372.9 ----	379.0 ----	376.9 ----	364.2 ----	391.8 ----
KXB8357	366.3 ----	373.7 ----	350.8 --	331.5 --	383.5 ----
Vitalico KWS	351.1 ---	368.0 ---	346.0 --	344.6 ---	360.4 ----
P1758	373.3 -----	372.0 ----	391.2 -----	361.2 ----	384.5 ----
ES Faraday	352.5 ---	360.3 --	363.3 ---	345.3 ----	352.2 ---
XYZ	368.7 -----	401.7 -----	372.0 ----	372.3 ----	345.6 ---
Shannon	345.3 ---	357.0 ---	338.8 -	348.6 ----	366.4 ----
P9903	349.2 ----	359.7 ---	356.2 ---	328.5 --	358.9 ----
Farmirage	341.3 --	360.7 ---	339.2 -	350.8 ----	338.5 --
DKC 4652	346.5 ---	361.0 ---	350.7 --	356.7 ----	334.3 --
-Bezugsgrösse(n)	367.3 -----	394.0 -----	386.3 -----	360.7 -----	374.0 -----
Versuchs-Mittel	356.7 ----	373.9 ----	364.1 ---	353.1 ----	363.6 ----
VK [%]	5.3	5.4	4.5	6.3	5.2
KGD (5%)	10.8	32.8	26.9	ns	31.0
KGD (1%)	14.2	43.6	35.9	ns	41.3
Versuchs-Streuung	19.1	20.2	16.5	22.4	19.0
FG Fehlerterm	499.0	70.0	55.0	54.0	55.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	128592.8	35	10.10 ***	1.45	0.0000
Anbauorte	140033.4	7	54.98 ***	2.03	0.0000
WW Verf.*Anb.Orte	126943.8	245	1.42 ns	1.20	
Fehler	181560.2	499			
Insgesamt	577130.3	786			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	339.3	---	342.7	-----	362.7	-----	341.3	---
LG 30306	354.3	-----	366.7	-----	369.7	-----	365.5	-----
Walterinio KWS	326.7	--	332.7	-----	324.7	-	316.7	-
Figaro KWS	334.7	---	347.0	-----	351.3	---	341.1	---
ES Metronom	325.3	--	327.3	---	337.3	--	340.2	---
P8666	350.3	-----	336.3	-----	361.3	-----	342.8	-----
P8888	355.7	-----	320.0	---	366.7	-----	355.4	-----
P9911	350.3	-----	344.0	-----	367.7	-----	358.9	-----
SY Glorius	338.7	---	340.7	-----	371.0	-----	368.6	-----
SY Colloosseum	359.0	-----	338.0	-----	372.0	-----	371.3	-----
DFI45906	339.3	---	316.0	--	370.3	-----	349.0	-----
Erasmus	318.3	-	314.3	--	340.3	--	332.2	---
Farmumba	334.0	---	342.7	-----	344.7	---	333.5	---
LG 31280	338.0	---	317.7	---	356.3	---	341.3	---
LG 31272	339.3	---	333.0	-----	348.0	---	340.5	---
LG 31479	321.3	-	320.0	---	346.0	---	337.1	---
P8834	326.3	--	341.0	-----	393.3	-----	362.9	-----
P9363	316.3	-	326.0	---	375.7	-----	343.6	-----
DFI46661	352.7	-----	357.3	-----	421.7	-----	368.8	-----
Prestol	376.3	-----	362.0	-----	415.7	-----	384.5	-----
SY Impulse	319.3	-	321.0	---	393.3	-----	335.4	---
SY Enermax	351.0	-----	338.3	-----	370.0	-----	339.3	-----
Bigbeat	349.3	-----	334.7	-----	365.3	-----	354.0	-----
KXB8152	328.7	--	302.3	-	388.3	-----	326.0	--
KXB8201	361.0	-----	379.0	-----	393.0	-----	356.0	-----
KXB8202	343.0	---	332.0	---	369.0	---	358.3	-----
KXB8207	363.7	-----	358.7	-----	383.0	-----	366.1	-----
KXB8357	357.3	-----	343.7	-----	415.7	-----	374.3	-----
Vitalico KWS	341.3	---	325.3	---	375.0	-----	348.1	-----
P1758	381.7	-----	355.0	-----	388.0	-----	352.8	-----
ES Faraday	331.0	---	350.3	-----	375.3	-----	341.9	-----
XYZ	360.3	-----	341.0	-----	378.0	-----	378.8	-----
Shannon	319.3	-	319.7	---	356.3	---	356.3	-----
P9903	346.3	-----	343.7	-----	362.7	-----	337.5	-----
Farmirage	320.3	-	321.0	---	366.3	-----	333.3	---
DKC 4652	331.0	---	331.7	---	385.3	-----	321.4	-
-Bezugsgrösse(n)	352.3	-----	351.5	-----	365.5	-----	354.1	-----
Versuchs-Mittel	341.7	---	336.7	-----	371.1	-----	349.3	-----
VK [%]	4.1		5.8		6.3		4.4	
KGD (5%)	23.0		31.7		37.9		25.2	
KGD (1%)	30.5		42.1		50.3		33.6	
Versuchs-Streuung	14.1		19.5		23.3		15.4	
FG Fehlerterm	70.0		70.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	68.2 -----	66.3 -----	76.0 -----	66.1 ----	72.3 -----
LG 30306	65.1 ----	59.3 --	71.7 -----	65.4 ----	68.7 ----
Walterinio KWS	64.2 ----	61.3 ----	70.3 ----	63.8 ----	69.0 ----
Figaro KWS	64.4 ----	61.3 ----	71.0 -----	62.9 --	66.6 --
ES Metronom	67.3 -----	65.7 -----	67.7 ----	68.6 -----	71.9 -----
P8666	64.3 ----	64.0 -----	64.7 --	61.9 --	68.6 ----
P8888	64.4 ----	64.0 -----	66.3 --	69.8 -----	70.2 -----
P9911	63.8 ----	60.7 ----	69.3 ----	62.7 --	66.5 --
SY Glorius	63.8 ----	63.3 -----	67.7 ----	59.7 --	68.3 ----
SY Collosseum	64.2 ----	63.3 -----	69.7 -----	57.7 -	72.9 -----
DFI45906	66.7 -----	64.0 -----	70.0 -----	67.0 -----	73.2 -----
Erasmus	71.0 -----	68.3 -----	76.7 -----	70.1 -----	74.6 -----
Farmumba	65.2 ----	63.3 -----	67.0 ----	61.9 --	71.8 -----
LG 31280	67.0 -----	64.3 -----	68.7 ----	67.5 -----	71.7 -----
LG 31272	60.9 -	58.0 -	62.3 -	60.1 --	66.2 --
LG 31479	62.4 --	60.0 --	68.0 ----	60.7 --	68.9 ----
P8834	62.5 --	61.3 ----	65.0 --	63.7 ----	65.4 -
P9363	60.4 -	57.0 -	62.3 -	63.8 ----	64.8 -
DFI46661	63.5 ----	60.3 --	68.7 ----	65.1 ----	67.2 --
Prestol	64.8 ----	62.3 -----	69.3 ----	67.2 -----	68.3 ----
SY Impulse	63.7 ----	60.7 ----	65.3 --	72.9 -----	65.7 --
SY Enermax	61.1 -	60.7 ----	63.0 -	68.0 -----	65.3 -
Bigbeat	68.4 -----	64.7 -----	70.3 -----	76.8 -----	69.7 -----
KXB8152	66.1 -----	61.0 ----	70.7 -----	72.2 -----	70.0 -----
KXB8201	68.0 -----	66.3 -----	71.7 -----	75.4 -----	70.2 -----
KXB8202	64.3 ----	62.7 ----	64.3 --	72.4 -----	68.7 ----
KXB8207	65.3 ----	64.7 -----	68.3 ----	72.1 -----	65.6 --
KXB8357	63.0 --	62.7 ----	65.7 --	65.3 ----	68.4 ----
Vitalico KWS	64.0 ----	62.7 ----	64.3 --	67.7 -----	68.3 ----
P1758	65.7 -----	66.3 -----	68.7 ----	68.2 -----	70.7 -----
ES Faraday	63.6 ----	63.0 ----	67.3 ----	66.8 ----	67.9 ----
XYZ	68.4 -----	66.7 -----	72.7 -----	70.9 -----	67.2 --
Shannon	62.8 --	60.3 --	65.0 --	64.1 ----	68.5 -----
P9903	60.8 -	59.7 --	64.0 --	58.2 -	64.6 -
Farmirage	66.2 -----	69.3 -----	66.3 --	67.6 -----	67.5 --
DKC 4652	63.4 --	64.3 -----	69.0 ----	63.5 ----	65.4 -
-Bezugsgrösse(n)	64.7 ----	61.7 ----	68.2 ----	63.7 ----	68.6 ----
Versuchs-Mittel	64.7 ----	62.9 ----	68.0 ----	66.3 ----	68.6 ----
VK [%]	4.8	4.5	3.7	5.6	3.7
KGD (5%)	1.8	4.6	4.1	6.1	4.2
KGD (1%)	2.3	6.1	5.5	8.1	5.5
Versuchs-Streuung	3.1	2.8	2.5	3.7	2.5
FG Fehlerterm	514.0	70.0	70.0	54.0	55.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	4756.5	35	14.25 ***	1.45	0.0000
Anbauorte	5800.3	7	86.91 ***	2.03	0.0000
WW Verf.*Anb.Orte	5052.9	245	2.16 ***	1.19	0.0002
Fehler	4900.5	514			
Insgesamt	20510.1	801			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	70.0	-----	61.0	---	69.0	-----	64.5	-----
LG 30306	69.7	-----	59.7	--	66.0	-----	60.2	---
Walterinio KWS	65.0	-----	57.3	-	63.3	-----	63.2	-----
Figaro KWS	67.0	-----	63.3	----	60.0	----	62.7	----
ES Metronom	64.3	-----	67.7	-----	65.0	-----	67.6	-----
P8666	63.7	-----	63.7	----	65.3	-----	62.5	----
P8888	58.7	--	65.3	-----	61.3	----	59.2	--
P9911	64.0	-----	62.7	----	62.0	-----	62.2	----
SY Glorius	62.7	----	64.7	-----	59.3	----	64.4	----
SY Collosum	66.0	-----	63.3	----	55.7	-	65.2	-----
DFI45906	67.0	-----	65.3	-----	58.7	---	68.5	-----
Erasmus	70.3	-----	70.3	-----	65.0	-----	72.6	-----
Farmumba	62.3	----	65.3	-----	62.0	-----	67.6	-----
LG 31280	66.0	-----	65.3	-----	62.3	-----	70.2	-----
LG 31272	58.7	--	60.7	---	55.7	-	65.3	-----
LG 31479	59.0	--	60.3	---	61.0	----	61.2	---
P8834	61.7	----	64.3	-----	56.3	--	62.4	----
P9363	59.0	--	59.0	--	54.7	-	62.2	----
DFI46661	63.3	----	62.3	----	56.7	--	64.7	-----
Prestol	64.7	-----	66.0	-----	57.0	--	64.0	----
SY Impulse	64.3	-----	63.3	-----	55.3	-	62.2	----
SY Enermax	57.0	-	58.7	--	60.0	----	56.5	-
Bigbeat	68.3	-----	67.0	-----	61.3	-----	69.1	-----
KXB8152	65.0	-----	63.0	-----	58.0	---	68.7	-----
KXB8201	62.7	----	62.0	----	66.0	-----	69.7	-----
KXB8202	63.3	----	59.0	--	59.3	----	64.2	----
KXB8207	63.0	----	60.7	---	60.3	----	67.5	-----
KXB8357	60.7	---	62.0	----	58.7	---	60.2	---
Vitalico KWS	63.7	-----	62.3	----	59.7	----	63.7	-----
P1758	65.0	-----	62.3	----	61.3	-----	63.3	-----
ES Faraday	61.0	----	59.3	--	61.3	-----	62.4	----
XYZ	65.3	-----	69.3	-----	66.0	-----	68.9	-----
Shannon	58.7	--	61.7	----	60.3	-----	64.1	-----
P9903	61.0	----	61.0	---	57.7	---	60.3	---
Farmirage	66.0	-----	67.0	-----	58.7	---	67.3	-----
DKC 4652	58.0	-	62.3	----	60.7	----	64.0	----
-Bezugsgrösse(n)	66.7	-----	61.7	----	65.7	-----	61.3	----
Versuchs-Mittel	63.5	----	63.0	-----	60.6	-----	64.5	-----
VK [%]	6.3		5.3		4.8		3.6	
KGD (5%)	6.5		5.4		4.8		3.8	
KGD (1%)	8.7		7.2		6.3		5.0	
Versuchs-Streuung	4.0		3.3		2.9		2.3	
FG Fehlerterm	70.0		70.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	6.3 ----	6.3 -----	6.5 -----	6.0 ---	6.1 ---
LG 30306	6.3 ----	6.0 ----	6.6 -----	6.2 -----	6.2 ----
Walterinio KWS	6.3 ----	5.8 --	6.7 -----	5.8 -	6.1 ----
Figaro KWS	6.3 ----	6.3 -----	6.7 -----	6.1 ----	5.9 -
ES Metronom	6.3 ----	6.1 ----	6.4 ----	6.1 ----	6.0 --
P8666	6.3 ----	6.1 -----	6.2 --	6.0 ----	6.1 ---
P8888	6.4 -----	6.3 -----	6.6 -----	6.2 ----	6.4 -----
P9911	6.4 -----	6.5 -----	6.6 -----	5.9 ---	6.1 ---
SY Glorius	6.2 ---	6.0 ----	6.7 -----	6.0 ---	6.0 --
SY Colosseum	6.1 --	5.9 ---	6.5 -----	5.7 -	6.1 ---
DFI45906	6.3 ----	6.2 -----	6.5 -----	6.0 ---	6.3 -----
Erasmus	6.4 -----	6.5 -----	6.5 -----	6.1 ----	6.4 -----
Farmumba	6.2 ----	6.2 -----	6.4 ----	6.0 ---	6.1 ----
LG 31280	6.3 ----	6.3 -----	6.3 ---	6.2 ----	6.2 ----
LG 31272	6.3 ----	6.0 ----	6.5 -----	6.2 ----	6.4 -----
LG 31479	6.7 -----	6.6 -----	6.5 ----	6.5 -----	6.6 -----
P8834	6.5 -----	6.5 -----	6.7 -----	6.7 -----	6.6 -----
P9363	6.6 -----	6.4 -----	6.7 -----	6.3 -----	6.6 -----
DFI46661	6.1 --	6.0 ----	6.1 -	6.1 ----	6.0 --
Prestol	6.0 -	6.2 -----	6.4 ----	6.0 ---	5.9 -
SY Impulse	6.5 -----	6.3 -----	6.8 -----	6.2 ----	6.6 -----
SY Enermax	6.5 -----	6.2 -----	6.7 -----	6.5 -----	6.5 -----
Bigbeat	6.3 ----	5.9 --	6.6 -----	6.1 ----	6.2 ----
KXB8152	6.5 -----	6.2 -----	6.8 -----	6.4 -----	6.4 -----
KXB8201	6.2 ---	5.7 -	6.6 -----	6.1 ----	5.9 -
KXB8202	6.4 -----	6.0 ----	6.7 -----	6.4 -----	6.1 ---
KXB8207	6.2 ----	5.8 -	6.4 ----	6.2 ----	6.0 --
KXB8357	6.5 -----	6.3 -----	6.7 -----	6.8 -----	6.3 -----
Vitalico KWS	6.3 ----	6.1 ----	6.5 ----	6.3 -----	6.2 ----
P1758	6.5 -----	6.3 -----	6.4 ----	6.5 -----	6.2 ----
ES Faraday	6.6 -----	6.3 -----	6.7 -----	6.6 -----	6.4 -----
XYZ	6.2 ---	5.8 -	6.3 ---	6.0 ---	6.5 -----
Shannon	6.6 -----	6.2 -----	6.9 -----	6.4 -----	6.3 -----
P9903	6.6 -----	6.5 -----	6.7 -----	6.5 -----	6.4 -----
Farmirage	6.4 -----	5.9 --	6.7 -----	6.1 ----	6.5 -----
DKC 4652	6.5 -----	6.2 -----	6.7 -----	6.0 ---	6.6 -----
-Bezugsgrösse(n)	6.3 ----	6.1 ----	6.4 ----	6.1 ----	6.1 ----
Versuchs-Mittel	6.4 -----	6.2 -----	6.6 -----	6.2 -----	6.3 -----
VK [%]	3.2	3.7	3.1	3.5	3.4
KGD (5%)	0.1	0.4	0.3	0.4	0.4
KGD (1%)	0.2	0.5	0.4	0.5	0.5
Versuchs-Streuung	0.2	0.2	0.2	0.2	0.2
FG Fehlerterm	499.0	55.0	55.0	69.0	55.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	19.6	35	13.13 ***	1.45	0.0000
Anbauorte	23.1	7	77.58 ***	2.03	0.0000
WW Verf.*Anb.Orte	19.3	245	1.85 ***	1.20	0.0005
Fehler	21.2	499			
Insgesamt	83.2	786			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	6.4	----	6.2	--	6.6	-----	6.1	-----
LG 30306	6.5	-----	6.1	-	6.6	-----	6.0	----
Walterinio KWS	6.5	-----	6.4	----	7.0	-----	6.4	-----
Figaro KWS	6.5	-----	6.2	-	6.5	-----	6.3	-----
ES Metronom	6.4	-----	6.5	----	6.7	-----	6.2	-----
P8666	6.3	----	6.5	-----	6.6	-----	6.2	-----
P8888	6.2	--	6.9	-----	6.5	-----	6.2	-----
P9911	6.5	-----	6.5	----	6.4	----	6.3	-----
SY Glorius	6.2	--	6.5	----	6.2	----	6.1	----
SY Collosseum	6.3	---	6.4	----	6.3	----	5.9	----
DFI45906	6.3	---	6.6	----	6.1	---	6.2	-----
Erasmus	6.5	-----	6.6	-----	6.5	-----	6.4	-----
Farmumba	6.2	--	6.4	---	6.4	-----	6.1	----
LG 31280	6.3	----	6.6	-----	6.2	----	6.2	-----
LG 31272	6.4	-----	6.6	-----	6.4	-----	6.1	-----
LG 31479	6.9	-----	7.0	-----	6.8	-----	6.6	-----
P8834	6.6	-----	6.7	-----	6.3	----	6.1	-----
P9363	6.8	-----	6.9	-----	6.4	-----	6.4	-----
DFI46661	6.3	---	6.5	----	6.0	--	6.1	----
Prestol	6.1	-	6.3	--	5.9	-	5.6	-
SY Impulse	6.8	-----	6.8	-----	6.3	----	6.2	-----
SY Enermax	6.6	-----	6.8	-----	6.6	-----	6.4	-----
Bigbeat	6.4	-----	6.7	-----	6.5	-----	6.0	----
KXB8152	6.7	-----	6.9	-----	6.2	---	6.3	-----
KXB8201	6.2	--	6.4	---	6.3	----	6.2	-----
KXB8202	6.4	-----	6.7	-----	6.5	-----	6.1	-----
KXB8207	6.2	--	6.6	----	6.5	-----	6.1	----
KXB8357	6.6	-----	6.8	-----	6.3	----	6.2	-----
Vitalico KWS	6.3	---	6.6	-----	6.3	-----	6.2	-----
P1758	6.4	----	6.7	-----	6.6	-----	6.5	-----
ES Faraday	6.6	-----	6.7	-----	6.6	-----	6.4	-----
XYZ	6.1	-	6.5	----	6.3	----	5.8	--
Shannon	6.6	-----	7.0	-----	6.8	-----	6.3	-----
P9903	6.6	-----	6.9	-----	6.6	-----	6.6	-----
Farmirage	6.5	-----	6.8	-----	6.4	-----	6.3	-----
DKC 4652	6.6	-----	6.9	-----	6.4	-----	6.5	-----
-Bezugsgrösse(n)	6.4	-----	6.3	---	6.6	-----	6.1	-----
Versuchs-Mittel	6.4	-----	6.6	-----	6.4	-----	6.2	-----
VK [%]	2.5		3.1		3.6		2.9	
KGD (5%)	0.3		0.3		0.4		0.3	
KGD (1%)	0.4		0.4		0.5		0.4	
Versuchs-Streuung	0.2		0.2		0.2		0.2	
FG Fehlerterm	70.0		70.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1896 Vouvry	3065 Habstetten
Indexx	6.4 ----	6.4 -----	6.8 -----	6.0 ---	6.2 ---
LG 30306	6.4 ----	6.0 ---	6.8 -----	6.3 -----	6.3 ----
Walterinio KWS	6.5 -----	5.9 --	6.9 -----	5.7 -	6.2 ----
Figaro KWS	6.4 -----	6.4 -----	6.9 -----	6.1 ---	6.0 -
ES Metronom	6.4 -----	6.2 -----	6.5 ---	6.3 -----	6.1 --
P8666	6.4 ----	6.3 -----	6.3 --	6.1 ----	6.2 ---
P8888	6.6 -----	6.5 -----	6.8 -----	6.4 -----	6.6 -----
P9911	6.5 -----	6.6 -----	6.9 -----	6.0 ---	6.2 ---
SY Glorius	6.3 ---	6.1 ---	7.0 -----	6.0 ---	6.1 --
SY Colosseum	6.2 --	6.0 ---	6.8 -----	5.7 -	6.2 ---
DFI45906	6.4 ----	6.3 -----	6.7 -----	6.0 ---	6.4 -----
Erasmus	6.6 -----	6.7 -----	6.7 -----	6.2 ----	6.5 -----
Farmumba	6.3 ----	6.4 -----	6.6 ----	6.0 ---	6.2 ----
LG 31280	6.4 ----	6.4 -----	6.5 ---	6.4 -----	6.3 ----
LG 31272	6.5 ----	6.1 ---	6.7 ----	6.4 -----	6.5 -----
LG 31479	6.9 -----	6.8 -----	6.6 ----	6.7 -----	6.9 -----
P8834	6.7 -----	6.7 -----	6.9 -----	6.9 -----	6.8 -----
P9363	6.8 -----	6.5 -----	6.9 -----	6.5 -----	6.8 -----
DFI46661	6.2 --	6.0 ---	6.2 -	6.1 ----	6.0 -
Prestol	6.1 -	6.3 ----	6.5 ---	6.0 ---	6.0 -
SY Impulse	6.7 -----	6.5 -----	7.0 -----	6.3 ----	6.9 -----
SY Enermax	6.8 -----	6.4 -----	6.9 -----	6.7 -----	6.6 -----
Bigbeat	6.5 ----	5.9 --	6.8 -----	6.3 ----	6.3 ----
KXB8152	6.7 -----	6.3 ----	7.1 -----	6.5 -----	6.7 -----
KXB8201	6.3 ---	5.8 -	6.8 -----	6.1 ---	6.0 -
KXB8202	6.5 ----	6.1 ---	6.9 -----	6.5 -----	6.2 ---
KXB8207	6.3 ----	5.8 -	6.6 ----	6.3 ----	6.1 --
KXB8357	6.7 -----	6.4 -----	6.9 -----	7.0 -----	6.5 -----
Vitalico KWS	6.5 ----	6.2 ----	6.7 -----	6.4 -----	6.3 ----
P1758	6.6 -----	6.5 -----	6.5 ---	6.7 -----	6.3 ----
ES Faraday	6.8 -----	6.4 -----	7.0 -----	6.9 -----	6.6 -----
XYZ	6.3 ---	5.8 -	6.5 ---	6.1 ----	6.7 -----
Shannon	6.8 -----	6.3 ----	7.2 -----	6.5 -----	6.5 -----
P9903	6.8 -----	6.7 -----	6.9 -----	6.7 -----	6.5 -----
Farmirage	6.6 ----	5.9 --	6.9 -----	6.2 ----	6.7 -----
DKC 4652	6.7 -----	6.4 -----	7.0 -----	6.1 ---	6.8 -----
-Bezugsgrösse(n)	6.4 ----	6.2 ----	6.6 ----	6.2 ----	6.2 ----
Versuchs-Mittel	6.5 -----	6.3 -----	6.8 -----	6.3 -----	6.4 -----
VK [%]	4.1	4.7	3.9	4.3	4.3
KGD (5%)	0.2	0.5	0.4	0.4	0.5
KGD (1%)	0.2	0.6	0.6	0.6	0.6
Versuchs-Streuung	0.3	0.3	0.3	0.3	0.3
FG Fehlerterm	529.0	55.0	70.0	69.0	70.0
Anz. Beob.	24.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	32.4	35	13.12 ***	1.45	0.0000
Anbauorte	38.4	7	77.77 ***	2.03	0.0000
WW Verf.*Anb.Orte	31.6	245	1.83 ***	1.19	0.0005
Fehler	37.3	529			
Insgesamt	139.7	816			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG		9436 Balgach / SG	
Indexx	6.6	---	6.4	--	6.9	-----	6.2	----
LG 30306	6.7	-----	6.2	-	6.8	-----	6.0	----
Walterinio KWS	6.7	-----	6.6	----	7.3	-----	6.6	-----
Figaro KWS	6.7	----	6.3	-	6.8	-----	6.3	-----
ES Metronom	6.6	-----	6.7	----	6.9	-----	6.3	-----
P8666	6.4	---	6.7	-----	6.8	-----	6.4	-----
P8888	6.3	--	7.2	-----	6.7	-----	6.4	-----
P9911	6.7	-----	6.8	-----	6.6	----	6.5	-----
SY Glorius	6.4	--	6.6	----	6.4	----	6.1	----
SY Colloosseum	6.4	--	6.6	----	6.4	----	6.0	----
DFI45906	6.4	--	6.8	-----	6.3	---	6.3	-----
Erasmus	6.7	-----	6.8	-----	6.6	-----	6.6	-----
Farmumba	6.4	--	6.5	---	6.5	-----	6.2	----
LG 31280	6.5	----	6.8	-----	6.3	----	6.3	-----
LG 31272	6.6	----	6.8	-----	6.5	-----	6.2	----
LG 31479	7.2	-----	7.3	-----	7.1	-----	6.8	-----
P8834	6.8	-----	7.0	-----	6.5	-----	6.2	-----
P9363	7.1	-----	7.2	-----	6.7	-----	6.6	-----
DFI46661	6.4	--	6.6	----	6.1	--	6.1	----
Prestol	6.2	-	6.4	---	5.9	-	5.6	-
SY Impulse	7.0	-----	7.2	-----	6.4	----	6.3	-----
SY Enermax	6.8	-----	7.1	-----	6.9	-----	6.6	-----
Bigbeat	6.6	----	7.0	-----	6.7	-----	6.0	----
KXB8152	7.0	-----	7.2	-----	6.3	---	6.5	-----
KXB8201	6.4	--	6.5	---	6.5	----	6.3	-----
KXB8202	6.6	----	7.0	-----	6.8	-----	6.2	----
KXB8207	6.4	--	6.8	----	6.6	-----	6.2	-----
KXB8357	6.9	-----	7.0	-----	6.4	----	6.3	-----
Vitalico KWS	6.5	----	6.9	-----	6.5	-----	6.3	-----
P1758	6.6	----	7.0	-----	6.8	-----	6.7	-----
ES Faraday	6.9	-----	7.0	-----	6.9	-----	6.6	-----
XYZ	6.2	-	6.7	----	6.4	----	5.8	--
Shannon	6.9	-----	7.4	-----	7.0	-----	6.5	-----
P9903	6.9	-----	7.3	-----	6.8	-----	6.7	-----
Farmirage	6.6	----	7.1	-----	6.6	-----	6.5	-----
DKC 4652	6.8	-----	7.2	-----	6.6	-----	6.7	-----
-Bezugsgrösse(n)	6.6	----	6.5	---	6.8	-----	6.2	----
Versuchs-Mittel	6.6	-----	6.9	-----	6.6	-----	6.3	-----
VK [%]	3.1		3.8		4.6		3.6	
KGD (5%)	0.3		0.4		0.5		0.4	
KGD (1%)	0.4		0.6		0.7		0.5	
Versuchs-Streuung	0.2		0.3		0.3		0.2	
FG Fehlerterm	70.0		70.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0		3.0	



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