



Résultats des essais variétaux de maïs ensilage 2014

Silomais Hauptversuch 2014

Autoren

J. Hiltbrunner, M. Bertossa, U. Buchmann,
I. Matasci, R. Morisoli, S. Peduzzi, P. Pignon

In Zusammenarbeit mit

Delley Samen und Pflanzen AG
C. Oberson und C. Brabant, Agroscope



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

Danksagung

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

1. Merkmale / Caractères

Rendement / Ertrag

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

Précocité / Frühreife

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

Vigueur au départ / Jugendentwicklung

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

Verse en végétation /Wurzellager während Vegetation

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

Verse à la récolte / Wurzellager zum Zeitpunkt der Ernte

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

Charbon / Beulenbrand

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

Fusariose / Stängelfäule

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

Hauteur / Pflanzenhöhe

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

Hauteur de l'épi / Ansatzhöhe des Hauptkolbens

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

Hauteur relative de l'épi / Relative Kolbenansatzhöhe

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

Floraison / Blühbeginn

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

Pyrale / Maiszünsler

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

Densité / Bestandesdichte

- Densité effective des plantes au m² à la récolte
- Effektive Bestandesdichte bei der Ernte in Pflanzen pro m²

Digestibilité (NIRS) / Gehalt verdauliche organische Substanz

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

Teneur en cellulose brute (NIRS) / Rohfaser

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

Teneur en protéines (NIRS) / Proteingehalt

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

Teneur en amidon (NIRS) / Stärkegehalt

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

NDF (NIRS) / Zellwandanteil

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

NEL (NIRS) / NEL

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

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

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

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

Qualité / Qualität:

- Teneur en matière organique digestible (MOD) de la plante entière (g/kg MS); facteur de pondération 0.4
- Gehalt an verdaulicher organischer Substanz der ganzen Pflanzen in g/kg TS Gewichtungsfaktor 0.4

Rendement / Ertrag :

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

Précocité / Reife :

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

Vigueur au départ / Jugendentwicklung :

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

Verse en végétation / Lagerung während Vegetation :

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

Verse à la récolte / Lagerung bei Ernte :

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

Plantes cassées à la récolte / Stängelbruch bei Ernte :

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

Charbon / Beulenbrand :

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

Indice global / Gesamtindex :

- Somme de tous les indices partiels
- Summe aller Teilindizes

3. Nördlich der Alpen

3.1 Serie früh

3.1.1 Standortangaben

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	Saattermin / date de semis	Erntetermin / date de récolte
1376	Goumoens	622	22.5.2014	16.09.2014
1567	Delley	514	17.5.2014	18.09.2014
1725	Grangeneuve	650	19.5.2014	3.10.2014 für Auswertung nicht berücksichtigt
3065	Habstetten	620	9.5.2014	23.09.2014
5643	Alikon	475	22.4.2014	26.09.2014
8046	Reckenholz	440	20.5.2014	10.10.2014
8193	Eglisau	390	6.5.2014	19.09.2014
8566	Ellighausen	517	25.4.2014	25.09.2014

3.1.2 Sorten/Status

Name	Synonym	Hybrid Typ	Züchter	Vertreter	KM	SM
Fabregas	KXA 6306	TC	KWS / D	KWS Suisse SA, Basel		SM01/S
Tiago	DSP 29200	SC	DSP / CH	DSP, Delley		SM01/S
Poya	DSP 38253	TC	DSP / CH	DSP, Delley		SM01/S
Ampezzo	LZM 157/73	SC	Limagrain / F	Fenaco, Moudon		SM01/S
LG 30.222	LZM 158/51	SC	Limagrain / F	Fenaco, Moudon	KM01/S	SM01/S
Schobbi CS	CSM 0163 A	SC	Caussade	Schweizer, Thun		SM01/S
DKC 3333	EL3442	SC	Monsanto	Monsanto		SM01/S
SY Tivio	SA0702	SC	Syngenta	Syngenta, Dielsdorf		SM01/e2
SY Tribore	SB0781	SC	Syngenta	Syngenta, Dielsdorf		SM01/e2
KXB2007	KXB2007	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e2	SM01/e2
P7524	X75A244	SC	Pioneer	Pioneer, Manno		SM01/e2
P7631	X8V240	SC	Pioneer	Pioneer, Manno		SM01/e2
Lidano	SL19023	SC	Saatbau Linz	Saatbau Linz		SM01/e2
ES Scorpion	ESZ2102	SC	Euralis	Euralis		SM01/e2
ES Cluedo	ESZ0102	TC	Euralis	Euralis		SM01/e2
GL 13108	GL 13108	SC	Saatzucht Moreau	Samen Steffen		SM01/e1
EM3238	EM3238	SC	Monsanto, USA	Monsanto, Morges		SM01/e1
Cebesto	CE 5309	SC	Cezea	Hauenstein, Rafz		SM01/e1
LZM163/74	LZM163/74	SC	Limagrain / Europe	Fenaco, Moudon	KM01/e1	SM01/e1
P7883	X75C788	SC	Pioneer	Pioneer, Manno		SM01/e1
CSM1168	CSM1168	SC	Caussade Semence	Fenaco, Moudon		SM01/e1
CSM2152	CSM2152	SC	Caussade Semence	Schweizer, Thun		SM01/e1
CSM2170	CSM2170	SC	Caussade Semence	Fenaco, Moudon		SM01/e1
KWS Nestor	KXB2305	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM01/e1
KXB3303	KXB3303	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM01/e1
KXB3901	KXB3901	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM01/e1
RGT Cinexx	RH12082	SC	RAGT	Fenaco, Moudon		SM01/e1
P8057		SC	Pioneer	Pioneer, Manno		SM01/T
Gottardo KWS	KXB1157	SC	KWS / D	KWS Suisse SA, Basel	KM21/T	SM01/T
Cathy	LZM160/73	SC	Limagrain / Europe	Hauenstein, Rafz		SM01/T

3.1.3 Standorteigenschaften und Bewirtschaftungsmassnahmen

Technische Versuchsangaben / données techniques / technical information							
Standort / lieu / site:	Goumoens (622 m ü.M.)	Habstetten (620 m ü.M.)	Delley (500 m ü.M.)	Alikon (475 m ü.M.)	Zürich- Affoltern (450 m ü.M.)	Eglisau (392 m ü.M.)	Ellighausen (517 m ü.M.)
Bodenart / type de sol / soil type:	moyen argileux	sandiger Lehm	Moyen	2-4.9% Humus, 20-30% Ton, schwach humoser Schlufflehm; pH 7.0	sandiger Lehm (Humus 2.1%, Ton 20.2%, Schluff 29.8%, Sand 47.9%), pH 7.3		Humus 4.2% Ton 22.7% Schluff 33.5% Sand 25.7%, pH 7.2
Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):			383.8 mm 1444.8 °C		487 mm 1528.5°C	531 mm 1558.6°C Station Wil (ZH)	631 mm 1299.1°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:	2reihig, mit 0.8m Weg, 10 m2 netto	2reihig, mit 0.8m Weg, 10 m2 netto	8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 4 lignes	4reihig, 15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto
Vorfrucht / précédent cultural / previous crop:	blé printemps + engrais vert sans légumineuse	Körnermais / maïs grain / grain maize	Maïs grain	Wintergerste, Klee gras (Zwischenfutter)	Zuckerrüben / bettrave à sucre / sugar beet	Winterweizen, Zwischenfutter SM106	Winterweizen, Wintertriticale
Bodenbearbeitung / travail du sol / soil cultivation:	Pflug, Kreiselegge / charrue, herse rotative / plough, rotary harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	03.04.14 labour, 16.05.14 herse rotative	Streifenfräse / bands fraisés / strip band tillage (22.4.14)	13.11.13 (Grubber, cultivateur, chisel plow), 16.4.14 + 20.5.14 (Kreiselegge, herse rotative, rotary harrow)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow (05./12. Mai / may / may)	Pflug / charrue / plough (14. Feb / fev) , Kreiselegge / herse rotative / rotary harrow (24. Apr / avr)
Saat / date de semis / sowing date:	22.05.2014	09.05.2014	17.05.2014	22.04.2014	20.05.2014	06.05.2014	25.04.2014
Ernte / date de récolte / harvest date:	16.09.2014	23.09.2014	18.09.2014	26.09.2014	10.10.2014	19.09.2014	25.9.2014
Saadichte / densité de semis / sowing density:	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2	Semis: 13.2 grains pro m2, éclaircit à 10 plantes/m2	11.5 Körner / grains pro m2	11.5 Körner / grains pro m2	11.5 Körner / grains pro m2	11.5 Körner / grains pro m2

Standort / lieu / site:	Goumoens (622 m ü.M.)	Habstetten (620 m ü.M.)	Delley (500 m ü.M.)	Alikon (475 m ü.M.)	Zürich- Affoltern (450 m ü.M.)	Eglisau (392 m ü.M.)	Ellighausen (517 m ü.M.)
Vegetationsdauer / durée de vegetation / growing period	117 Tage / jours / days	137 Tage / jours / days	125 Tage / jours / days	157 Tage / jours / days	143 Tage / jours / days	136 Tage / jours / days	153 Tage / jours / days
Reihenabstand / interlignes / row distance:	75 cm	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm
Mechanische Unkrautbekämp- fung / désherbage mécanique / mechanical weed control:	keine / rien / nothing	keine / rien / nothing	keine / rien / nothing	keine / rien / nothing	2 x hacken Nachauflauf zwischen den Reihen / sarclage (après la levée) entre les lignées / hoeing after emergence in between rows (5.6.14, 23.6.14)	keine / rien / nothing	keine / rien / nothing
Chemische Unkrautbekämp- fung / désherbage chimique / chemical weed control:	Banvel 4 S 0.5l, Callisto 0.75 l, Garda Gold 4l	3.6.14: Calaris 1.5l, Dual Gold 1.2l	19.06.2014 (5 à 6 feuilles): Laudis 2L/ha + Aspect 1.5 L/ha	16.4.14: Glyphosat 360 4.1l, checkpoint 0.25 l; 16.4.14: Andil 0.4l, Dual 0.5l, Arigo 300g	Andil 1.3kg, Dasul 1.3l, Mikado 1.95l (20.6.14); Banvel M 0.03l (18.7.14) Einzelbehandlung Winden, plants individ- uels liseron, individual plants field bindweed	23.05.14: 4 lt/ha Garda Gold; 0.8 lt/ha Calisto; 0.8 lt/ha Dasul	Andil (1kg), Midado (1.5l), Dasul (1l): 8.5.14
Grunddüngung / fumure de base / basic fertilisation:	15 t fumier composté 103 P 154 K	120 kg K / ha, 57.6 kg P / ha	04.12.13 5000kg/ha chaux d'Aarberg, 05.12.13 100kg/ha Potasse granulée 60%	-	22.4.14: 69 kg P2O5 / ha (Triple Superpho- sphat)	-	-
N-Düngung / fumure N / N fertilisation:	69 kg N / ha	28.5.14: Ammonsal- peter 27% 40.5 kg / ha; Harnstoff 46% 82.8 kg N / ha	22.5.14 Nitrate 24% Mg+S 79U, 19.6.14 Urée granulée 78U	Ammonsalpeter 27.5% 41.25 kg N / ha (22.4.14); Harnstoff 46 kg N / ha (25.4.14); Schweingülle 57 kg N / ha (25.4.14); Schweingülle 42.5 kg N / ha (18.5.14)	5.6.14: 36.7 kg N / ha (Harnstoff), 23.6.14: 82.7 kg N / ha (Harn- stoff) zur Reihe / près de la ligne / to the row	21.05.14: 91 kg/ha N (Harn- stoff) ; 10.06.14: 91 kg/ha N (Harnstoff)	Ammonsalpeter 65 kg N / ha (23.4.14); Harnstoff 75 kg N / ha (10.5.14)
Ernte / Récolte / harvest:	Baural Mais- häcksler / en- sileuse	Baural Maishäcksler / ensileuse	Ensileuse	New Holland Versuchs- maishäcksler	New Holland Ver- suchsmaishäcksler	New Holland Versuchsmais- häcksler	New Holland Versuchsmais- häcksler

3.1.4 Index

Sorte	Status	VOS	Ertrag	Reife	Jugendentwicklung	Wurzellagerung Veget.	Wurzellagerung Ernte	Beulenbrand	Oekonomischer Index	Agronomischer Index	Gesamtindex
CSM2152	e1	2.26	2.86	0.12	0.19	-0.17	0.00	0.16	5.12	0.30	5.41
Gottardo KWS	T	0.95	5.89	-1.50	-0.03	0.04	0.00	-0.17	6.84	-1.65	5.19
KXB2007	e2	3.02	1.93	-0.80	-0.14	-0.02	0.00	0.13	4.95	-0.83	4.12
Schobbi CS	S	-0.55	3.27	1.03	-0.06	0.04	0.00	0.09	2.71	1.09	3.80
SY Tivio	e2	0.53	4.76	0.21	-0.05	-0.08	-1.97	0.00	5.30	-1.89	3.41
GL 13108	e1	-0.21	4.77	-1.22	0.05	-0.43	-1.34	-0.52	4.56	-3.46	1.10
KWS Nestor	e1	0.84	0.84	-0.86	-0.04	0.04	0.00	-0.01	1.67	-0.87	0.81
LZM163/74	e1	-3.84	6.91	-0.35	0.13	-0.33	-2.25	0.06	3.07	-2.73	0.34
KXB3303	e1	0.61	1.13	-1.80	-0.10	-0.02	0.00	-0.23	1.74	-2.14	-0.41
CSM1168	e1	-0.83	-2.44	2.53	0.22	-0.68	-0.45	-0.04	-3.27	1.59	-1.68
P 8057	T	-0.02	-0.62	-0.91	-0.10	0.00	0.00	-0.04	-0.64	-1.04	-1.68
P7631	e2	3.68	-3.05	-2.97	-0.03	0.04	0.00	0.12	0.64	-2.84	-2.20
Ampezzo	S	0.55	-3.27	-1.03	0.06	-0.04	0.00	-0.09	-2.71	-1.09	-3.80
KXB3901	e1	-3.24	0.73	-1.30	-0.04	0.02	0.00	-0.21	-2.51	-1.53	-4.04
Cathy	T	-3.63	-0.97	0.32	-0.17	-0.13	0.00	-0.40	-4.60	-0.38	-4.98
ES Scorpion	e2	-11.26	7.55	-0.94	-0.28	-0.17	0.00	0.08	-3.71	-1.30	-5.02
ES Cluedo	e2	-2.84	-0.02	-1.20	-0.17	-0.15	-0.89	0.14	-2.86	-2.28	-5.14
RGT Cinexx	e1	-7.27	3.81	-2.27	-0.10	-0.01	0.00	-0.04	-3.46	-2.42	-5.88
DKC 3333	S	-2.20	-2.15	-0.86	-0.35	-0.14	-0.31	0.08	-4.35	-1.58	-5.93
LG 30.222	S	-2.31	-1.87	-1.70	-0.05	0.02	0.00	-0.09	-4.17	-1.81	-5.99
CSM2170	e1	-4.82	-2.05	0.44	-0.23	-0.11	0.00	0.15	-6.87	0.26	-6.61
P7524	e2	-8.03	2.17	-0.67	0.12	0.04	0.00	-0.36	-5.86	-0.87	-6.74
SY Tribore	e2	-3.90	-3.85	-0.94	-0.20	0.04	0.00	0.13	-7.74	-0.98	-8.73
P7883	e1	-7.97	2.44	-1.18	0.03	-0.26	-2.49	-0.05	-5.53	-3.94	-9.47
Lidano	e2	-7.03	-2.44	-0.37	-0.01	0.00	0.00	-0.01	-9.47	-0.40	-9.87
EM3238	e1	0.67	-9.55	-1.85	-0.38	0.02	0.00	0.18	-8.88	-2.03	-10.91
Fabregas	S	-10.53	-0.03	-0.60	0.13	0.02	0.00	0.04	-10.56	-0.41	-10.98
Tiago	S	-6.90	-2.13	-2.13	-0.17	-0.11	0.00	-0.59	-9.03	-3.00	-12.03
Poya	S	-4.86	-5.74	-2.22	-0.10	0.01	-0.69	-0.31	-10.60	-3.31	-13.91
Cebesto	e1	-9.54	-6.52	-3.35	-0.28	0.04	0.00	0.14	-16.07	-3.44	-19.51
Bezugsgrößen		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anz. Beob.		21.00	21.00	21.00	21.00	6.00	9.00	12.00			
Anz. Orte		7.00	7.00	7.00	7.00	2.00	3.00	4.00			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.25			

3.1.5 Zusammenfassung

Sorten Bezeichnung	Jugend ent- wicklg Note	allg. Eindruck Note	Helmin. thosp. Note	Pflanzen hoehe cm	Kolben ansatz hoehe cm	VOS g/kg TS g.Pfl. NIR	Staerke g/kg TS g.Pfl. NIR	Rohfaser g/kg TS NIR
Fabregas	2.8	3.3	1.3	268	117	702.3	334	189
Tiago	3.4	3.7	1.0	281	114	711.4	322	179
Poya	3.2	4.0	1.1	272	102	716.5	327	176
Ampezzo	2.9	2.0	1.0	258	113	730.0	333	173
LG 30.222	3.1	3.3	1.0	256	104	722.9	342	174
Schobbi CS	3.1	4.3	1.0	274	104	727.3	353	174
DKC 3333	3.7	1.3	1.0	253	103	723.2	348	176
SY Tivio	3.1	1.3	1.1	276	112	730.0	359	172
SY Tribore	3.4	3.0	1.0	252	104	718.9	347	174
KXB2007	3.3	3.7	1.0	263	94	736.2	354	169
P7524	2.8	3.0	1.1	282	108	708.6	305	184
P7631	3.1	3.3	1.0	258	107	737.9	355	170
Lidano	3.0	3.3	1.0	272	111	711.1	327	184
ES Scorpion	3.6	2.7	1.0	293	124	700.5	323	187
ES Cluedo	3.4	4.7	1.2	281	114	721.6	348	176
GL 13108	2.9	4.0	1.0	275	103	728.1	340	176
EM3238	3.8	3.5	1.0	242	103	730.4	363	173
Cebesto	3.6	3.0	1.5	263	104	704.8	334	182
LZM163/74	2.8	3.7	1.0	268	107	719.1	340	178
P7883	3.0	4.3	1.0	282	123	708.7	342	182
CSM1168	2.6	4.3	1.0	258	104	726.6	352	177
CSM2152	2.6	4.7	1.0	263	106	734.3	356	174
CSM2170	3.5	4.3	1.1	277	124	716.6	340	178
KWS Nestor	3.1	3.0	1.2	271	111	730.8	363	171
KXB3303	3.2	3.0	1.0	273	104	730.2	354	175
KXB3901	3.1	2.7	1.0	258	109	720.6	337	182
RGT Cinexx	3.2	2.7	1.0	272	104	710.5	317	186
P 8057	3.2	4.0	1.0	270	107	728.6	349	174
Gottardo KWS	3.1	2.0	1.0	277	113	731.0	364	173
Cathy	3.4	2.3	1.0	267	117	719.6	330	182
-Bezugsgrösse(n)	3.0	3.2	1.0	266	109	728.7	343	173
Versuchs-Mittel	3.2	3.3	1.1	269	109	721.3	342	177
VK [%]	19.5	35.2	21.1	3	7	2.5	6	5
KGD (5%)	0.4	1.9	0.2	8	7	10.9	12	6
KGD (1%)	0.5		0.3	10	9	14.4	16	8
Versuchs- Streuung	0.6	1.2	0.2	8	7	18.0	20	10
FG Fehlerterm	404.0	56.0	174.0	174	174	400.0	400	400
Anz. Beob.	21.0	3.0	9.0	9	9	21.0	21	21
Anz. Orte	7.0	1.0	3.0	3	3	7.0	7	7
Minimum	2.6	1.3	1.0	242	94	700.5	305	169
Maximum	3.8	4.7	1.5	293	124	737.9	364	189

Sorten Bezeichnung	NDF g/kg TS NIR	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	Wurzel lager Veg. %	Wurzel lager Ernte %	Beulen brand %	Eff. Best. dichte Pfl./m2
Fabregas	398	615.1	209.7	34.2	0.3	0.0	1.3	10.3
Tiago	393	625.9	205.5	33.0	2.1	0.0	5.7	9.6
Poya	381	605.1	198.3	32.9	0.3	2.1	3.7	8.3
Ampezzo	381	603.2	203.2	33.9	1.0	0.0	2.2	10.2
LG 30.222	384	620.0	206.0	33.3	0.2	0.0	2.1	10.0
Schobbi CS	385	612.8	216.3	35.5	0.0	0.0	0.9	10.1
DKC 3333	379	609.8	205.5	34.0	2.5	1.0	1.0	9.5
SY Tivio	383	630.8	219.3	34.9	1.6	6.1	1.5	9.6
SY Tribore	375	596.4	202.1	33.9	0.0	0.0	0.7	10.0
KXB2007	374	628.5	213.6	34.1	0.8	0.0	0.6	10.4
P7524	412	627.4	214.1	34.2	0.0	0.0	4.1	10.0
P7631	364	629.6	203.7	32.3	0.0	0.0	0.7	10.0
Lidano	395	596.3	204.9	34.4	0.5	0.0	1.6	9.6
ES Scorpion	406	661.1	224.9	33.9	2.9	0.0	1.0	9.5
ES Cluedo	372	623.3	209.7	33.7	2.6	2.8	0.6	10.2
GL 13108	386	653.1	219.3	33.7	6.5	4.2	5.2	10.0
EM3238	364	578.0	190.7	33.2	0.2	0.0	0.2	10.3
Cebesto	396	620.0	196.7	32.0	0.0	0.0	0.5	9.7
LZM163/74	387	651.5	223.6	34.4	5.1	7.0	1.1	10.2
P7883	393	634.1	214.6	33.8	4.2	7.7	1.9	10.2
CSM1168	378	564.9	204.9	36.7	10.0	1.4	1.8	10.0
CSM2152	374	623.9	215.5	34.8	2.9	0.0	0.4	9.9
CSM2170	378	591.4	205.7	35.1	2.1	0.0	0.5	10.2
KWS Nestor	364	622.7	211.4	34.0	0.0	0.0	1.6	10.1
KXB3303	371	637.1	212.0	33.3	0.8	0.0	3.1	10.4
KXB3901	389	628.5	211.2	33.7	0.2	0.0	3.0	10.1
RGT Cinexx	394	663.0	217.4	32.9	0.6	0.0	1.8	9.8
P 8057	382	614.7	208.5	34.0	0.5	0.0	1.8	9.8
Gottardo KWS	371	661.5	221.5	33.5	0.0	0.0	2.7	10.3
Cathy	397	596.8	207.8	35.0	2.4	0.0	4.4	10.2
-Bezugsgrösse(n)	383	608.0	209.8	34.7	0.5	0.0	1.5	10.1
Versuchs-Mittel	383	620.9	209.9	33.9	1.7	1.1	1.9	10.0
VK [%]	5	6.3	6.6	3.7	255.0	403.1	115.4	4.6
KGD (5%)	12	23.8	8.3	0.8	4.9	4.0	1.8	0.3
KGD (1%)	16	31.3	11.0	1.0		5.3	2.4	0.4
Versuchs- Streuung	20	39.2	13.8	1.3	4.3	4.3	2.2	0.5
FG Fehlerterm	400	404.0	404.0	404.0	114.0	172.0	232.0	404.0
Anz. Beob.	21	21.0	21.0	21.0	6.0	9.0	12.0	21.0
Anz. Orte	7	7.0	7.0	7.0	2.0	3.0	4.0	7.0
Minimum	364	564.9	190.7	32.0	0.0	0.0	0.2	8.3
Maximum	412	663.0	224.9	36.7	10.0	7.7	5.7	10.4

Sorten Bezeichnung	relat. Kolben hoehe %	Saat - weibl. Bluete Tage	Mais- zuensler %	NEL MJ/kg TS	NEV MJ/kg TS	VOS- Ertrag dt/ha	Stärke- ertrag dt/ha
Fabregas	44	78	8.5	6.4	6.6	148.1	71.6
Tiago	41	81	5.6	6.5	6.7	146.4	67.0
Poya	38	80	10.3	6.5	6.8	142.6	65.9
Ampezzo	44	77	7.0	6.7	7.0	149.0	68.6
LG 30.222	41	79	1.6	6.6	6.9	149.6	71.6
Schobbi CS	38	80	5.6	6.7	6.9	157.5	77.0
DKC 3333	41	81	3.5	6.6	6.9	149.2	72.3
SY Tivio	41	77	4.6	6.7	7.0	160.4	79.6
SY Tribore	41	79	4.6	6.6	6.8	146.1	71.1
KXB2007	36	77	4.6	6.8	7.0	157.7	76.2
P7524	38	81	7.4	6.4	6.6	152.8	66.6
P7631	42	81	1.9	6.8	7.1	151.1	73.1
Lidano	41	81	7.9	6.5	6.7	146.8	68.3
ES Scorpion	42	81	3.5	6.4	6.5	158.5	74.1
ES Cluedo	41	78	3.8	6.6	6.8	152.0	73.6
GL 13108	37	80	7.9	6.7	6.9	160.1	75.1
EM3238	43	80	3.8	6.7	7.0	139.9	69.9
Cebesto	40	81	5.7	6.4	6.6	139.1	66.2
LZM163/74	40	78	4.8	6.6	6.8	161.9	77.9
P7883	44	82	5.0	6.4	6.6	153.1	75.0
CSM1168	40	78	9.1	6.6	6.9	149.3	72.9
CSM2152	40	80	5.7	6.7	7.0	158.6	77.3
CSM2170	45	80	10.7	6.5	6.8	147.9	70.9
KWS Nestor	41	77	12.2	6.7	7.0	155.6	78.8
KXB3303	38	80	8.5	6.7	7.0	155.2	75.6
KXB3901	42	77	3.8	6.6	6.8	153.5	72.7
RGT Cinexx	38	82	1.0	6.5	6.7	154.9	69.9
P 8057	40	80	5.4	6.7	6.9	152.5	73.8
Gottardo KWS	41	79	8.4	6.7	7.0	162.3	81.4
Cathy	44	80	8.8	6.6	6.8	150.1	69.9
-Bezugsgrösse(n)	41	78	6.3	6.7	6.9	153.3	72.8
Versuchs-Mittel	41	79	6.0	6.6	6.8	152.1	72.8
VK [%]	7	3	53.6	3.0	3.8	7.5	8.4
KGD (5%)	3	2	5.3	0.1	0.2	6.9	3.7
KGD (1%)	3	3	7.0	0.2	0.2	9.1	4.9
Versuchs- Streuung	3	2	3.2	0.2	0.3	11.3	6.1
FG Fehlerterm	174	174	58.0	400.0	400.0	400.0	400.0
Anz. Beob.	9	9	3.0	21.0	21.0	21.0	21.0
Anz. Orte	3	3	1.0	7.0	7.0	7.0	7.0
Minimum	36	77	1.0	6.4	6.5	139.1	65.9
Maximum	45	82	12.2	6.8	7.1	162.3	81.4

3.1.6 Details

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	2.8 --	5.0 -----	2.0 ----	4.7 -----	1.3 -
Tiago	3.4 -----	4.3 ----	3.3 -----	4.3 -----	1.7 --
Poya	3.2 -----	4.3 ----	2.7 -----	4.7 -----	2.0 ----
Ampezzo	2.9 ---	4.0 -	2.7 -----	4.3 -----	2.2 -----
LG 30.222	3.1 -----	4.0 -	1.0 -	3.7 -	3.3 -----
Schobbi CS	3.1 -----	4.3 ----	3.3 -----	4.7 -----	2.3 -----
DKC 3333	3.7 -----	4.0 -	4.3 -----	3.7 -	2.7 -----
SY Tivio	3.1 -----	4.7 -----	2.0 ----	4.7 -----	1.8 ---
SY Tribore	3.4 -----	4.0 -	3.5 -----	4.3 -----	3.0 -----
KXB2007	3.3 -----	4.0 -	3.3 -----	4.3 -----	2.0 ----
P7524	2.8 --	4.3 ----	1.7 ---	5.0 -----	1.7 --
P7631	3.1 -----	4.0 -	3.0 -----	4.0 ---	2.7 -----
Lidano	3.0 -----	4.0 -	3.0 -----	4.0 ---	2.0 ----
ES Scorpion	3.6 -----	4.0 -	3.7 -----	4.7 -----	2.7 -----
ES Cluedo	3.4 -----	4.0 -	2.7 -----	4.7 -----	2.5 -----
GL 13108	2.9 ---	4.0 -	1.7 ---	4.7 -----	1.8 ---
EM3238	3.8 -----	4.0 -	4.0 -----	4.7 -----	3.3 -----
Cebesto	3.6 -----	4.0 -	3.3 -----	3.7 -	2.7 -----
LZM163/74	2.8 --	4.7 -----	1.7 ---	4.7 -----	1.7 --
P7883	3.0 ----	4.0 -	2.7 -----	4.3 -----	2.0 ----
CSM1168	2.6 -	4.0 -	1.0 -	4.7 -----	2.3 -----
CSM2152	2.6 -	4.0 -	1.3 --	3.7 -	2.2 -----
CSM2170	3.5 -----	4.3 ----	4.3 -----	4.0 ---	3.0 -----
KWS Nestor	3.1 -----	4.3 ----	3.3 -----	4.7 -----	1.8 ---
KXB3303	3.2 -----	4.0 -	3.3 -----	4.0 ---	2.5 -----
KXB3901	3.1 -----	4.0 -	2.7 -----	5.0 -----	1.7 --
RGT Cinexx	3.2 -----	4.0 -	2.3 ----	4.7 -----	2.5 -----
P 8057	3.2 -----	4.0 -	3.7 -----	4.3 -----	1.8 ---
Gottardo KWS	3.1 -----	4.7 -----	3.0 -----	5.0 -----	1.7 --
Cathy	3.4 -----	4.7 -----	3.0 -----	5.0 -----	2.3 -----
-Bezugsgrösse(n)	3.0 ----	4.2 --	3.0 -----	4.5 -----	2.3 -----
Versuchs-Mittel	3.2 -----	4.2 --	2.8 -----	4.4 -----	2.2 -----
VK [%]	19.5	8.0	28.4	13.1	22.7
KGD (5%)	0.4	0.5	1.3	ns	0.8
KGD (1%)	0.5	0.7	1.7	ns	1.1
Versuchs-Streuung	0.6	0.3	0.8	0.6	0.5
FG Fehlerterm	404.0	58.0	56.0	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	55.3	29	5.03 ***	1.50	0.0000
Anbauorte	357.4	6	157.20 ***	2.12	0.0000
WW Verf.*Anb.Orte	146.1	174	2.22 ***	1.23	0.0002
Fehler	153.1	404			
Insgesamt	711.9	613			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Fabregas	2.7 -----	1.7 -	2.0 --
Tiago	3.2 -----	3.7 -----	3.0 -----
Poya	3.3 -----	2.8 ----	2.7 -----
Ampezzo	3.2 -----	2.3 ---	1.7 -
LG 30.222	2.8 -----	4.0 -----	3.0 -----
Schobbi CS	2.7 -----	2.0 --	2.7 -----
DKC 3333	2.7 -----	4.7 -----	4.0 -----
SY Tivio	2.7 -----	3.0 ----	3.0 -----
SY Tribore	3.2 -----	3.0 ----	3.0 -----
KXB2007	3.3 -----	2.8 ----	3.3 -----
P7524	2.0 --	2.3 ---	2.5 ----
P7631	2.7 -----	2.8 ----	2.3 ---
Lidano	2.8 -----	2.8 ----	2.7 -----
ES Scorpion	3.0 -----	3.3 -----	3.7 -----
ES Cluedo	3.3 -----	3.7 -----	2.7 -----
GL 13108	2.8 -----	2.8 ----	2.7 -----
EM3238	3.3 -----	3.8 -----	3.3 -----
Cebesto	3.7 -----	4.0 -----	3.7 -----
LZM163/74	2.3 ----	2.0 --	2.3 ---
P7883	2.3 ----	2.7 ----	2.7 -----
CSM1168	1.7 -	2.3 ---	2.0 --
CSM2152	2.0 --	2.7 ----	2.7 -----
CSM2170	2.3 ----	2.7 ----	3.7 -----
KWS Nestor	2.5 ----	2.7 ----	2.3 ---
KXB3303	2.7 -----	3.3 -----	2.7 -----
KXB3901	3.0 -----	3.0 -----	2.3 ---
RGT Cinexx	3.0 -----	3.0 -----	3.0 -----
P 8057	3.2 -----	2.8 ----	2.7 -----
Gottardo KWS	2.8 -----	2.0 --	2.3 ---
Cathy	3.0 -----	2.5 ---	3.0 -----
-Bezugsgrösse(n)	2.9 -----	2.2 --	2.2 ---
Versuchs-Mittel	2.8 -----	2.9 -----	2.8 -----
VK [%]	20.1	27.1	22.3
KGD (5%)	0.9	1.3	1.0
KGD (1%)	ns	1.7	1.3
Versuchs-Streuung	0.6	0.8	0.6
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel	1567 Delley FR
Fabregas	3.3 -----	3.3 -----
Tiago	3.7 -----	3.7 -----
Poya	4.0 -----	4.0 -----
Ampezzo	2.0 ---	2.0 ---
LG 30.222	3.3 -----	3.3 -----
Schobbi CS	4.3 -----	4.3 -----
DKC 3333	1.3 -	1.3 -
SY Tivio	1.3 -	1.3 -
SY Tribore	3.0 -----	3.0 -----
KXB2007	3.7 -----	3.7 -----
P7524	3.0 -----	3.0 -----
P7631	3.3 -----	3.3 -----
Lidano	3.3 -----	3.3 -----
ES Scorpion	2.7 ----	2.7 ----
ES Cluedo	4.7 -----	4.7 -----
GL 13108	4.0 -----	4.0 -----
EM3238	3.5 -----	3.5 -----
Cebesto	3.0 -----	3.0 -----
LZM163/74	3.7 -----	3.7 -----
P7883	4.3 -----	4.3 -----
CSM1168	4.3 -----	4.3 -----
CSM2152	4.7 -----	4.7 -----
CSM2170	4.3 -----	4.3 -----
KWS Nestor	3.0 -----	3.0 -----
KXB3303	3.0 -----	3.0 -----
KXB3901	2.7 ----	2.7 ----
RGT Cinexx	2.7 ----	2.7 ----
P 8057	4.0 -----	4.0 -----
Gottardo KWS	2.0 ---	2.0 ---
Cathy	2.3 ----	2.3 ----
-Bezugsgrösse(n)	3.2 -----	3.2 -----
Versuchs-Mittel	3.3 -----	3.3 -----
VK [%]	35.2	35.4
KGD (5%)	1.9	1.9
KGD (1%)	ns	ns
Versuchs-Streuung	1.2	1.2
FG Fehlerterm	56.0	56.0
Anz. Beob.	3.0	3.0

Helminthosporium turcicum [note] / Helminthosporium turcicum [Note]

Verfahren	Seriemittel	5643		8046		8566		
		Alikon AG		Reckenholz ZH		Ellighausen TG		
Fabregas	1.3	-----	1.3	-----	1.0	-	1.5	-----
Tiago	1.0	-	1.0	-	1.0	-	1.0	-
Poya	1.1	--	1.0	-	1.0	-	1.2	--
Ampezzo	1.0	-	1.0	-	1.0	-	1.0	-
LG 30.222	1.0	-	1.0	-	1.0	-	1.0	-
Schobbi CS	1.0	-	1.0	-	1.0	-	1.0	-
DKC 3333	1.0	-	1.0	-	1.0	-	1.0	-
SY Tivio	1.1	---	1.0	-	1.0	-	1.3	---
SY Tribore	1.0	-	1.0	-	1.0	-	1.0	-
KXB2007	1.0	-	1.0	-	1.0	-	1.0	-
P7524	1.1	--	1.0	-	1.0	-	1.2	--
P7631	1.0	-	1.0	-	1.0	-	1.1	-
Lidano	1.0	-	1.0	-	1.0	-	1.0	-
ES Scorpion	1.0	-	1.0	-	1.0	-	1.0	-
ES Cluedo	1.2	-----	1.0	-	1.0	-	1.7	-----
GL 13108	1.0	-	1.0	-	1.0	-	1.0	-
EM3238	1.0	-	1.0	-	1.0	-	1.0	-
Cebesto	1.5	-----	1.4	-----	1.2	-----	2.0	-----
LZM163/74	1.0	-	1.0	-	1.0	-	1.0	-
P7883	1.0	-	1.0	-	1.0	-	1.0	-
CSM1168	1.0	-	1.0	-	1.0	-	1.0	-
CSM2152	1.0	-	1.0	-	1.0	-	1.0	-
CSM2170	1.1	---	1.0	-	1.0	-	1.3	---
KWS Nestor	1.2	-----	1.0	-	1.0	-	1.7	-----
KXB3303	1.0	-	1.0	-	1.0	-	1.0	-
KXB3901	1.0	-	1.0	-	1.0	-	1.0	-
RGT Cinexx	1.0	-	1.0	-	1.0	-	1.0	-
P 8057	1.0	-	1.0	-	1.0	-	1.0	-
Gottardo KWS	1.0	-	1.0	-	1.0	-	1.0	-
Cathy	1.0	-	1.0	-	1.0	-	1.0	-
-Bezugsgrösse(n)	1.0	-	1.0	-	1.0	-	1.0	-
Versuchs-Mittel	1.1	--	1.0	-	1.0	-	1.1	--
VK [%]	21.1		14.0		5.2		31.3	
KGD (5%)	0.2		ns		ns		ns	
KGD (1%)	0.3		ns		ns		ns	
Versuchs-Streuung	0.2		0.1		0.1		0.4	
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	3.5	29	2.46	***	1.53	0.0006
Anbauorte	0.8	2	8.26	***	3.04	0.0005
WW Verf.*Anb.Orte	3.0	58	1.05	ns	1.40	0.3929
Fehler	8.6	174				
Insgesamt	16.0	263				

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel		1376 Goumoens VD		3065 Habstetten BE		8046 Reckenholz ZH	
Fabregas	267.8	-----	273.3	-----	256.7	---	273.3	-----
Tiago	280.6	-----	275.0	-----	280.0	-----	286.7	-----
Poya	272.2	-----	265.0	----	275.0	-----	276.7	-----
Ampezzo	257.8	----	256.7	---	256.7	---	260.0	----
LG 30.222	256.1	---	250.0	--	258.3	---	260.0	----
Schobbi CS	274.4	-----	275.0	-----	265.0	----	283.3	-----
DKC 3333	253.3	---	266.7	-----	250.0	--	243.3	--
SY Tivio	275.6	-----	278.3	-----	275.0	-----	273.3	-----
SY Tribore	251.7	---	248.3	-	253.3	--	253.3	---
KXB2007	263.3	----	266.7	-----	256.7	---	266.7	-----
P7524	282.2	-----	283.3	-----	286.7	-----	276.7	-----
P7631	257.8	----	251.7	--	260.0	----	261.7	----
Lidano	271.7	-----	271.7	-----	266.7	----	276.7	-----
ES Scorpion	293.3	-----	286.7	-----	296.7	-----	296.7	-----
ES Cluedo	281.1	-----	280.0	-----	283.3	-----	280.0	-----
GL 13108	275.0	-----	270.0	-----	273.3	----	281.7	-----
EM3238	241.7	-	245.0	-	243.3	-	236.7	-
Cebesto	263.3	----	263.3	----	270.0	-----	256.7	----
LZM163/74	267.8	-----	263.3	----	266.7	----	273.3	-----
P7883	282.2	-----	278.3	-----	288.3	-----	280.0	-----
CSM1168	257.8	----	258.3	----	255.0	---	260.0	----
CSM2152	263.3	----	251.7	--	266.7	----	271.7	-----
CSM2170	277.2	-----	278.3	-----	270.0	-----	283.3	-----
KWS Nestor	270.6	-----	268.3	-----	270.0	-----	273.3	-----
KXB3303	273.3	-----	275.0	-----	271.7	-----	273.3	-----
KXB3901	258.3	----	255.0	---	256.7	---	263.3	----
RGT Cinexx	271.7	-----	273.3	-----	265.0	----	276.7	-----
P 8057	270.0	-----	275.0	-----	265.0	----	270.0	-----
Gottardo KWS	276.7	-----	280.0	-----	273.3	----	276.7	-----
Cathy	267.2	-----	263.3	----	265.0	----	273.3	-----
-Bezugsgrösse(n)	266.1	----	265.8	-----	260.8	----	271.7	-----
Versuchs-Mittel	268.5	-----	267.6	-----	267.3	-----	270.6	-----
VK [%]	3.2		3.6		2.3		3.4	
KGD (5%)	7.9		15.7		9.9		15.2	
KGD (1%)	10.4		20.9		13.1		20.2	
Versuchs-Streuung	8.5		9.6		6.0		9.3	
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	31945.3	29	15.36	***	1.53	0.0000
Anbauorte	603.9	2	4.21	*	3.04	0.0164
WW Verf.*Anb.Orte	5618.3	58	1.35	ns	1.40	0.0711
Fehler	12480.6	174				
Insgesamt	50648.1	263				

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

Verfahren	Seriemittel	1376 Goumoens VD	3065 Habstetten BE	8046 Reckenholz ZH
Fabregas	116.7 -----	113.3 -----	113.3 -----	123.3 -----
Tiago	114.4 -----	111.7 -----	105.0 -----	126.7 -----
Poya	102.2 ---	91.7 --	105.0 -----	110.0 --
Ampezzo	113.3 -----	106.7 -----	113.3 -----	120.0 -----
LG 30.222	104.4 ----	103.3 ----	98.3 ---	111.7 ---
Schobbi CS	104.4 ----	103.3 ----	93.3 -	116.7 ----
DKC 3333	103.3 ----	98.3 ----	101.7 ----	110.0 --
SY Tivio	111.7 -----	103.3 ----	106.7 -----	125.0 -----
SY Tribore	103.9 ----	96.7 ----	101.7 ----	113.3 ---
KXB2007	93.9 -	85.0 -	91.7 -	105.0 -
P7524	107.8 -----	103.3 -----	103.3 -----	116.7 -----
P7631	107.2 -----	103.3 -----	101.7 -----	116.7 -----
Lidano	110.6 -----	103.3 -----	111.7 -----	116.7 -----
ES Scorpion	124.4 -----	115.0 -----	121.7 -----	136.7 -----
ES Cluedo	113.9 -----	110.0 -----	118.3 -----	113.3 ---
GL 13108	102.8 ----	100.0 ----	95.0 --	113.3 ---
EM3238	102.8 ----	100.0 ----	101.7 ----	106.7 -
Cebesto	103.9 ----	106.7 -----	95.0 --	110.0 --
LZM163/74	106.7 ----	105.0 -----	95.0 --	120.0 -----
P7883	122.8 -----	118.3 -----	116.7 -----	133.3 -----
CSM1168	103.9 ----	98.3 ----	98.3 ---	115.0 ----
CSM2152	105.6 ----	100.0 ----	100.0 ---	116.7 ----
CSM2170	123.9 -----	113.3 -----	123.3 -----	135.0 -----
KWS Nestor	110.6 -----	98.3 ----	110.0 -----	123.3 -----
KXB3303	104.4 ----	98.3 ----	100.0 ---	115.0 ----
KXB3901	109.4 -----	103.3 ----	105.0 -----	120.0 -----
RGT Cinexx	103.9 ----	98.3 ----	100.0 ---	113.3 ---
P 8057	106.7 -----	100.0 -----	103.3 -----	116.7 -----
Gottardo KWS	113.3 -----	108.3 -----	108.3 -----	123.3 -----
Cathy	117.2 -----	123.3 -----	105.0 -----	123.3 -----
-Bezugsgrösse(n)	108.9 -----	105.0 -----	103.3 ----	118.3 -----
Versuchs-Mittel	109.0 -----	104.0 -----	104.8 -----	118.2 -----
VK [%]	6.6	7.3	6.6	6.0
KGD (5%)	6.7	12.4	11.2	11.6
KGD (1%)	8.9	16.6	15.0	15.5
Versuchs-Streuung	7.2	7.6	6.9	7.1
FG Fehlerterm	174.0	58.0	58.0	58.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	13118.9	29	8.70 ***	1.53	0.0000
Anbauorte	11508.9	2	110.63 ***	3.04	0.0000
WW Verf.*Anb.Orte	3502.2	58	1.16 ns	1.40	0.2302
Fehler	9050.6	174			
Insgesamt	37180.6	263			

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	702.3 -	626.5 -	743.0 --	680.3 -----	696.8 --
Tiago	711.4 ----	674.5 -----	769.3 -----	665.2 ----	688.7 -
Poya	716.5 ----	654.2 ----	778.0 -----	694.7 -----	706.5 ----
Ampezzo	730.0 -----	659.0 ----	767.3 -----	706.7 -----	730.0 -----
LG 30.222	722.9 -----	686.5 -----	768.3 -----	670.7 ---	719.0 -----
Schobbi CS	727.3 -----	684.2 -----	779.0 -----	712.8 -----	705.0 ----
DKC 3333	723.2 -----	635.3 --	778.8 -----	693.5 -----	721.0 -----
SY Tivio	730.0 -----	684.0 -----	769.3 -----	716.7 -----	721.5 -----
SY Tribore	718.9 -----	660.2 ----	769.0 -----	665.5 ----	720.2 -----
KXB2007	736.2 -----	692.8 -----	767.5 -----	697.3 -----	740.3 -----
P7524	708.6 ---	647.3 ----	748.5 ---	649.2 -	706.7 ----
P7631	737.9 -----	696.7 -----	772.8 -----	690.0 -----	739.7 -----
Lidano	711.1 ---	651.7 ----	759.0 ----	643.8 -	722.8 -----
ES Scorpion	700.5 -	623.3 -	735.7 -	656.5 --	719.0 -----
ES Cluedo	721.6 -----	693.7 -----	758.0 ----	677.7 ----	726.3 -----
GL 13108	728.1 -----	695.5 -----	753.7 ---	685.5 -----	724.5 -----
EM3238	730.4 -----	659.7 ----	749.5 ---	696.0 -----	735.0 -----
Cebesto	704.8 --	656.5 ----	746.3 ---	659.0 ---	700.5 ---
LZM163/74	719.1 -----	627.5 -	766.3 -----	693.3 -----	717.5 -----
P7883	708.7 ---	667.5 ----	748.5 ---	643.5 -	709.5 ----
CSM1168	726.6 -----	681.8 -----	786.8 -----	695.8 -----	714.0 -----
CSM2152	734.3 -----	696.8 -----	769.2 -----	709.5 -----	724.0 -----
CSM2170	716.6 ----	703.7 -----	754.2 ----	648.7 -	709.8 ----
KWS Nestor	730.8 -----	664.3 ----	785.3 -----	671.5 ---	737.3 -----
KXB3303	730.2 -----	687.7 -----	748.5 ---	709.5 -----	729.3 -----
KXB3901	720.6 ----	658.3 ----	758.2 ----	674.3 ----	719.0 ----
RGT Cinexx	710.5 ---	659.2 ----	746.3 ---	665.8 ----	709.0 ----
P 8057	728.6 -----	690.8 -----	763.3 -----	686.7 -----	713.8 ----
Gottardo KWS	731.0 -----	697.5 -----	756.0 ----	712.8 -----	732.8 -----
Cathy	719.6 ----	650.8 ----	773.0 -----	693.8 -----	709.7 ----
-Bezugsgrösse(n)	728.7 -----	671.6 -----	773.2 -----	709.8 -----	717.5 -----
Versuchs-Mittel	721.3 -----	668.9 -----	762.3 -----	682.2 -----	718.3 -----
VK [%]	2.5	4.5	1.6	3.5	1.9
KGD (5%)	10.9	48.8	20.5	39.6	22.5
KGD (1%)	14.4	ns	27.3	52.6	29.9
Versuchs-Streuung	18.0	29.9	12.5	24.2	13.8
FG Fehlerterm	400.0	58.0	56.0	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	64981.2	29	6.91 ***	1.50	0.0000
Anbauorte	693870.5	6	356.55 ***	2.12	0.0000
WW Verf.*Anb.Orte	87570.8	174	1.55 ns	1.23	
Fehler	129737.7	400			
Insgesamt	976160.3	609			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Fabregas	706.7 ---	745.8 ---	717.2 -
Tiago	692.8 -	744.3 ---	745.2 -----
Poya	702.3 ---	743.7 --	736.3 ----
Ampezzo	736.5 -----	752.7 ----	758.2 -----
LG 30.222	722.5 -----	742.2 --	751.2 -----
Schobbi CS	718.7 -----	749.2 ----	742.2 ----
DKC 3333	712.0 -----	764.0 -----	757.5 -----
SY Tivio	712.2 -----	750.3 ----	756.0 -----
SY Tribore	716.0 -----	749.2 ----	752.5 -----
KXB2007	729.3 -----	765.0 -----	761.2 -----
P7524	715.7 -----	757.3 -----	735.5 ----
P7631	726.2 -----	773.7 -----	766.2 -----
Lidano	707.8 ----	745.5 ---	747.0 -----
ES Scorpion	701.5 --	740.2 --	727.5 ---
ES Cluedo	706.0 ---	743.3 --	746.0 -----
GL 13108	707.3 ----	765.0 -----	765.5 -----
EM3238	741.2 -----	761.7 -----	769.5 -----
Cebesto	702.3 ---	737.8 -	731.2 ---
LZM163/74	729.2 -----	754.7 ----	745.0 -----
P7883	710.5 ----	742.7 --	739.0 ----
CSM1168	710.2 ----	757.5 -----	740.0 ----
CSM2152	720.2 -----	752.3 -----	768.2 -----
CSM2170	709.0 ----	736.7 -	754.3 -----
KWS Nestor	730.5 -----	770.5 -----	755.8 -----
KXB3303	721.5 -----	766.0 -----	748.8 -----
KXB3901	727.3 -----	752.3 ----	754.5 -----
RGT Cinexx	711.5 ----	741.2 --	740.5 ----
P 8057	719.7 -----	763.5 -----	762.5 -----
Gottardo KWS	719.5 -----	740.7 --	758.0 -----
Cathy	714.8 -----	746.7 ---	748.3 -----
-Bezugsgrösse(n)	727.6 -----	750.9 ----	750.2 -----
Versuchs-Mittel	716.0 -----	751.9 -----	749.4 -----
VK [%]	1.7	1.4	1.7
KGD (5%)	19.7	17.4	21.3
KGD (1%)	26.2	23.2	28.3
Versuchs-Streuung	12.0	10.7	13.0
FG Fehlerterm	54.0	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	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	334.2 -----	192.2 -	360.8 ---	315.6 -----	341.7 -----
Tiago	321.9 ---	224.9 ----	363.5 ---	275.8 ---	309.9 ---
Poya	327.0 ----	220.3 ----	377.9 -----	292.0 ----	322.9 ----
Ampezzo	333.2 -----	219.1 ----	368.8 ----	329.1 -----	318.8 ----
LG 30.222	342.0 -----	251.8 -----	386.2 -----	290.3 ----	324.1 ----
Schobbi CS	353.2 -----	264.1 -----	395.7 -----	348.4 -----	315.3 ----
DKC 3333	347.6 -----	212.2 ---	385.2 -----	327.5 -----	326.4 ----
SY Tivio	359.4 -----	256.8 -----	389.6 -----	355.9 -----	339.3 -----
SY Tribore	346.9 -----	244.9 ----	388.6 -----	302.3 ----	327.6 ----
KXB2007	354.3 -----	267.1 -----	376.3 ----	340.8 -----	341.3 ----
P7524	305.3 -	188.0 -	345.6 -	278.1 ----	288.3 -
P7631	355.0 -----	274.5 -----	382.1 ----	336.1 -----	346.7 -----
Lidano	326.8 ----	225.4 ----	388.2 -----	259.6 --	318.4 ----
ES Scorpion	322.7 ----	182.2 -	347.4 -	301.9 ----	334.5 ----
ES Cluedo	348.3 -----	282.9 -----	378.0 ----	313.4 ----	347.1 ----
GL 13108	339.6 -----	284.5 -----	370.9 ----	278.0 ----	336.2 ----
EM3238	363.4 -----	259.0 ----	384.1 ----	348.8 -----	356.7 -----
Cebesto	334.1 -----	256.2 ----	368.6 ----	299.7 ----	328.4 ----
LZM163/74	340.4 -----	199.9 --	381.9 ----	312.3 ----	359.4 -----
P7883	342.0 -----	259.3 ----	370.2 ----	284.9 ---	342.2 ----
CSM1168	352.0 -----	274.6 -----	411.5 -----	302.6 ----	335.4 ----
CSM2152	356.2 -----	294.8 -----	392.3 -----	323.9 -----	345.0 -----
CSM2170	339.9 -----	290.1 -----	380.6 ----	254.7 -	327.0 ----
KWS Nestor	363.2 -----	233.4 ----	411.4 -----	288.8 ----	367.7 -----
KXB3303	353.9 -----	291.6 -----	372.8 ----	325.3 -----	340.9 ----
KXB3901	336.7 ----	240.8 ----	374.1 ----	263.4 --	331.3 ----
RGT Cinexx	317.2 ---	214.8 ---	349.5 -	245.0 -	327.5 ----
P 8057	348.6 -----	254.4 ----	385.4 -----	302.0 ----	326.2 ----
Gottardo KWS	363.6 -----	288.9 -----	380.9 ----	329.6 -----	357.8 -----
Cathy	330.0 ----	194.9 --	388.3 -----	293.7 ----	333.2 ----
-Bezugsgrösse(n)	343.2 -----	241.6 -----	382.3 -----	338.8 -----	317.0 ----
Versuchs-Mittel	342.0 -----	244.8 -----	378.5 -----	304.0 ----	333.9 ----
VK [%]	6.0	12.8	3.5	9.4	4.8
KGD (5%)	12.4	51.3	21.5	46.8	26.3
KGD (1%)	16.4	68.3	28.7	62.3	35.0
Versuchs-Streuung	20.5	31.4	13.2	28.6	16.1
FG Fehlerterm	400.0	58.0	56.0	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	132027.9	29	10.85 ***	1.50	0.0000
Anbauorte	1447470.5	6	575.18 ***	2.12	0.0000
WW Verf.*Anb.Orte	169159.5	174	2.32 ***	1.23	0.0002
Fehler	167771.1	400			
Insgesamt	1916429.1	609			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Fabregas	377.3	-----	391.0	-----	361.0	----
Tiago	369.8	----	354.1	--	355.4	---
Poya	379.0	-----	352.9	--	344.0	--
Ampezzo	384.9	-----	353.0	--	358.9	----
LG 30.222	390.5	-----	373.3	----	377.9	-----
Schobbi CS	380.2	-----	383.1	-----	385.8	-----
DKC 3333	401.7	-----	400.6	-----	379.5	-----
SY Tivio	392.5	-----	395.3	-----	386.3	-----
SY Tribore	397.9	-----	371.6	----	395.7	-----
KXB2007	378.0	----	374.9	----	402.0	-----
P7524	355.9	---	345.0	-	336.3	-
P7631	371.2	----	387.2	-----	387.6	-----
Lidano	344.6	-	377.5	----	373.9	-----
ES Scorpion	349.0	--	365.8	----	378.0	-----
ES Cluedo	345.7	-	384.7	----	386.3	-----
GL 13108	338.3	-	382.5	----	386.6	-----
EM3238	387.8	-----	397.9	-----	409.2	-----
Cebesto	353.5	--	373.6	----	359.0	----
LZM163/74	376.4	----	381.2	----	371.6	----
P7883	373.7	----	377.9	----	385.9	-----
CSM1168	368.5	----	395.9	-----	375.6	-----
CSM2152	370.8	----	378.9	----	388.0	-----
CSM2170	369.3	----	375.9	----	381.8	-----
KWS Nestor	427.3	-----	416.5	-----	397.5	-----
KXB3303	377.4	-----	393.8	-----	375.2	-----
KXB3901	368.3	----	393.2	-----	385.6	-----
RGT Cinexx	360.2	---	368.3	----	355.2	---
P 8057	390.9	-----	396.5	-----	384.6	-----
Gottardo KWS	405.9	-----	385.9	-----	396.1	-----
Cathy	372.8	----	359.4	---	367.3	----
-Bezugsgrösse(n)	382.6	-----	368.0	----	372.3	-----
Versuchs-Mittel	375.3	-----	379.6	-----	377.6	-----
VK [%]	4.3		3.1		4.5	
KGD (5%)	26.4		19.0		27.6	
KGD (1%)	35.1		25.2		36.7	
Versuchs-Streuung	16.1		11.6		16.9	
FG Fehlerterm	54.0		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		1376 Goumoens VD		1567 Delley FR		3065 Habstetten BE		5643 Alikon AG	
Fabregas	188.6	-----	244.1	-----	182.4	-----	196.3	----	190.7	-----
Tiago	178.9	-----	207.7	---	166.9	----	201.4	-----	188.4	-----
Poya	175.7	----	217.3	-----	162.7	--	183.5	---	182.1	-----
Ampezzo	172.6	--	221.7	-----	168.6	-----	177.4	-	178.2	-----
LG 30.222	174.3	---	206.5	---	167.9	---	194.7	-----	177.5	-----
Schobbi CS	173.5	---	206.3	---	165.0	---	176.9	-	185.6	-----
DKC 3333	176.2	----	230.2	-----	163.0	--	183.7	---	181.6	-----
SY Tivio	171.8	--	205.2	---	168.1	----	173.7	-	178.1	-----
SY Tribore	174.0	---	213.3	-----	164.8	---	194.3	-----	173.3	----
KXB2007	169.3	-	198.6	--	168.2	----	175.7	-	166.0	-
P7524	184.4	-----	224.9	-----	177.9	-----	199.1	-----	182.5	-----
P7631	170.5	-	201.5	--	164.8	---	185.0	---	168.8	--
Lidano	183.5	-----	219.4	-----	169.4	-----	216.9	-----	176.2	-----
ES Scorpion	186.9	-----	235.6	-----	181.4	-----	203.3	-----	177.5	-----
ES Cluedo	175.8	----	196.1	-	169.6	-----	191.6	----	174.8	----
GL 13108	176.4	----	193.0	-	173.8	-----	194.7	-----	177.2	----
EM3238	172.5	--	211.4	----	175.4	-----	185.9	---	169.9	--
Cebesto	181.7	-----	209.4	----	173.1	-----	203.7	-----	182.5	-----
LZM163/74	178.3	-----	242.0	-----	168.7	-----	187.0	---	177.1	----
P7883	182.4	-----	214.7	-----	175.7	-----	211.9	-----	178.7	-----
CSM1168	177.1	-----	208.0	----	159.2	-	196.3	-----	178.2	-----
CSM2152	174.1	---	201.6	--	165.2	---	194.7	-----	175.3	-----
CSM2170	178.4	-----	194.7	-	171.9	-----	222.6	-----	178.8	-----
KWS Nestor	171.2	--	217.5	-----	159.4	-	207.2	-----	165.2	-
KXB3303	174.9	-----	199.2	--	177.2	-----	186.7	---	173.4	----
KXB3901	181.7	-----	224.9	-----	175.1	-----	209.7	-----	178.7	-----
RGT Cinexx	186.4	-----	218.8	-----	179.4	-----	212.4	-----	184.3	-----
P 8057	174.2	---	205.4	---	170.2	-----	199.6	-----	177.7	-----
Gottardo KWS	173.1	---	194.7	-	175.4	-----	183.4	---	172.7	----
Cathy	182.4	-----	223.5	-----	166.2	----	197.8	-----	183.6	-----
-Bezugsgrösse(n)	173.1	---	214.0	-----	166.8	----	177.2	-	181.9	-----
Versuchs-Mittel	177.4	-----	212.9	-----	170.2	-----	194.9	-----	177.8	-----
VK [%]	5.5		7.4		3.4		6.6		4.3	
KGD (5%)	5.9		25.8		9.6		21.0		12.6	
KGD (1%)	7.7		34.3		12.7		27.9		ns	
Versuchs-Streuung	9.7		15.8		5.9		12.8		7.7	
FG Fehlerterm	400.0		58.0		56.0		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	16697.9	29	6.12	***	1.50	0.0000
Anbauorte	212386.2	6	376.34	***	2.12	0.0000
WW Verf.*Anb.Orte	37669.8	174	2.30	***	1.23	0.0002
Fehler	37623.2	400				
Insgesamt	304377.2	609				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Fabregas	165.0	-----	169.9	-----	171.7	-----
Tiago	164.3	-----	165.8	-----	158.0	-----
Poya	152.9	---	164.4	-----	167.2	-----
Ampezzo	144.8	-	162.8	-----	155.0	-----
LG 30.222	146.1	-	166.4	-----	160.7	-----
Schobbi CS	150.2	--	166.9	-----	163.8	-----
DKC 3333	156.8	----	156.9	----	160.8	-----
SY Tivio	158.6	----	164.8	-----	154.4	----
SY Tribore	149.4	--	167.7	-----	155.5	----
KXB2007	170.8	-----	159.0	----	146.6	-
P7524	175.5	-----	164.8	-----	166.3	-----
P7631	172.6	-----	150.9	-	149.6	--
Lidano	181.9	-----	163.1	-----	157.7	-----
ES Scorpion	180.6	-----	164.2	-----	165.9	-----
ES Cluedo	178.6	-----	162.3	-----	157.6	-----
GL 13108	182.8	-----	156.2	----	156.9	-----
EM3238	166.2	-----	150.0	-	148.9	--
Cebesto	182.7	-----	157.6	----	163.1	-----
LZM163/74	159.0	----	157.8	----	156.5	-----
P7883	166.9	-----	167.7	-----	160.9	-----
CSM1168	168.8	-----	160.6	-----	168.4	-----
CSM2152	165.5	-----	163.6	-----	152.6	---
CSM2170	159.2	----	168.2	-----	153.6	---
KWS Nestor	146.5	-	151.4	-	151.0	--
KXB3303	163.8	-----	158.5	-----	165.5	-----
KXB3901	168.0	-----	159.1	-----	156.7	-----
RGT Cinexx	172.4	-----	167.4	-----	170.1	-----
P 8057	162.9	-----	153.1	--	150.5	--
Gottardo KWS	164.8	-----	168.7	-----	152.0	---
Cathy	171.2	-----	170.8	-----	163.6	-----
-Bezugsgrösse(n)	147.5	-	164.8	-----	159.4	-----
Versuchs-Mittel	165.0	-----	162.0	-----	158.7	-----
VK [%]	5.1		3.4		4.3	
KGD (5%)	13.8		9.1		11.1	
KGD (1%)	18.4		12.0		14.7	
Versuchs-Streuung	8.4		5.5		6.8	
FG Fehlerterm	54.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	398.4 -----	491.3 -----	384.6 -----	408.8 -----	401.3 -----
Tiago	392.6 -----	445.4 -----	371.5 -----	429.6 -----	408.7 -----
Poya	381.1 ----	442.0 ----	362.8 ----	390.7 ---	399.2 -----
Ampezzo	380.9 ----	455.2 ----	375.8 ----	379.0 --	390.3 -----
LG 30.222	383.6 ----	433.7 ----	380.7 -----	404.7 ----	392.3 -----
Schobbi CS	384.8 ----	438.9 ----	370.0 ----	371.8 -	409.4 -----
DKC 3333	378.6 ----	464.2 -----	356.4 --	384.1 --	393.8 -----
SY Tivio	382.5 ----	430.8 ----	385.3 -----	369.7 -	395.9 -----
SY Tribore	374.9 ---	429.0 ----	358.2 ---	395.4 ----	376.2 ----
KXB2007	374.0 ---	426.0 ---	373.6 ----	378.7 --	373.7 ----
P7524	412.0 -----	485.8 -----	395.2 -----	443.6 -----	414.9 -----
P7631	363.9 -	410.8 --	360.1 ---	389.7 ---	369.7 ---
Lidano	395.0 -----	450.2 -----	381.6 -----	447.6 -----	387.9 -----
ES Scorpion	405.9 -----	493.9 -----	401.3 -----	431.6 -----	392.0 -----
ES Cluedo	372.2 --	406.1 -	376.6 ----	400.7 ----	364.5 --
GL 13108	385.5 ----	408.1 -	402.7 -----	418.1 -----	394.3 -----
EM3238	364.2 -	435.0 ----	373.2 ----	375.1 -	370.5 ---
Cebesto	396.4 -----	442.9 ----	389.2 -----	421.3 -----	403.2 -----
LZM163/74	386.7 ----	491.3 -----	373.4 ----	398.0 ----	385.4 ----
P7883	393.1 -----	435.1 ----	393.7 -----	440.3 -----	390.3 -----
CSM1168	378.4 ----	420.5 ---	357.9 ---	396.8 ----	385.7 ----
CSM2152	374.0 ---	410.9 --	372.0 ----	384.3 --	389.9 -----
CSM2170	378.4 ----	402.0 -	370.2 ----	434.7 -----	379.0 ----
KWS Nestor	364.3 -	443.0 -----	346.1 -	410.0 -----	353.5 -
KXB3303	371.3 --	406.2 -	382.9 -----	375.2 -	372.0 ----
KXB3901	388.9 -----	459.7 -----	379.0 -----	430.1 -----	386.6 -----
RGT Cinexx	393.5 -----	456.0 -----	385.3 -----	425.9 -----	385.7 -----
P 8057	381.7 ----	437.2 ----	376.6 ----	414.5 -----	385.2 -----
Gottardo KWS	370.7 --	405.0 -	373.9 -----	376.0 -	370.1 ---
Cathy	397.5 -----	475.1 -----	370.5 ----	412.1 -----	404.1 -----
-Bezugsgrösse(n)	382.9 ----	447.0 -----	372.9 ----	375.4 -	399.8 -----
Versuchs-Mittel	383.5 ----	441.0 -----	376.0 -----	404.6 -----	387.5 -----
VK [%]	5.3	7.1	3.6	6.8	4.2
KGD (5%)	12.3	51.4	22.1	44.9	26.5
KGD (1%)	16.2	68.4	29.5	59.8	35.2
Versuchs-Streuung	20.2	31.5	13.5	27.5	16.2
FG Fehlerterm	400.0	58.0	56.0	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	89502.4	29	7.53 ***	1.50	0.0000
Anbauorte	528725.0	6	215.10 ***	2.12	0.0000
WW Verf.*Anb.Orte	111350.8	174	1.56 ns	1.23	
Fehler	163869.6	400			
Insgesamt	893447.8	609			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Fabregas	365.9	-----	360.4	-----	376.3	-----
Tiago	371.6	-----	366.0	-----	355.2	-----
Poya	357.5	-----	351.5	-----	364.0	-----
Ampezzo	352.3	-----	364.1	-----	349.5	-----
LG 30.222	358.1	-----	352.4	-----	363.1	-----
Schobbi CS	363.0	-----	373.5	-----	367.5	-----
DKC 3333	367.4	-----	334.3	--	349.7	-----
SY Tivio	377.1	-----	365.8	-----	352.9	-----
SY Tribore	360.8	-----	363.7	-----	341.2	-----
KXB2007	373.2	-----	351.3	-----	341.2	-----
P7524	396.4	-----	366.9	-----	381.1	-----
P7631	360.3	-----	325.1	-	331.7	---
Lidano	390.7	-----	352.1	-----	354.6	-----
ES Scorpion	398.0	-----	356.5	-----	367.7	-----
ES Cluedo	377.5	-----	340.5	---	339.7	---
GL 13108	390.1	-----	351.7	-----	333.7	---
EM3238	354.0	---	326.5	-	314.8	-
Cebesto	391.1	-----	364.9	-----	362.2	-----
LZM163/74	351.0	---	348.6	-----	359.4	-----
P7883	373.3	-----	358.7	-----	360.3	-----
CSM1168	369.6	-----	357.4	-----	361.0	-----
CSM2152	355.0	---	363.6	-----	342.4	-----
CSM2170	363.8	-----	366.5	-----	332.3	---
KWS Nestor	329.6	-	336.1	---	331.7	---
KXB3303	362.0	-----	342.5	---	358.0	-----
KXB3901	362.9	-----	354.3	-----	349.9	-----
RGT Cinexx	374.3	-----	363.5	-----	364.0	-----
P 8057	366.3	-----	350.1	-----	342.2	-----
Gottardo KWS	365.1	-----	367.9	-----	336.9	---
Cathy	380.9	-----	375.0	-----	364.8	-----
-Bezugsgrösse(n)	357.6	-----	368.8	-----	358.5	-----
Versuchs-Mittel	368.6	-----	355.1	-----	351.6	-----
VK [%]	4.5		3.3		4.5	
KGD (5%)	27.4		18.9		25.7	
KGD (1%)	36.5		25.1		34.2	
Versuchs-Streuung	16.7		11.5		15.7	
FG Fehlerterm	54.0		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	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	63.6 ---	56.2 ----	68.7 -----	66.6 -----	64.2 ---
Tiago	64.6 -----	58.4 ----	66.5 ----	63.0 ----	68.7 -----
Poya	65.4 -----	58.6 ----	68.9 -----	66.1 -----	68.7 -----
Ampezzo	61.3 -	57.3 ----	68.6 -----	64.7 ----	61.6 -
LG 30.222	67.2 -----	61.7 -----	72.2 -----	69.0 -----	70.2 -----
Schobbi CS	63.6 ---	57.6 ----	64.1 ---	66.7 -----	67.6 -----
DKC 3333	62.8 --	61.9 -----	61.7 -	62.2 ----	65.5 ----
SY Tivio	65.1 -----	57.8 ----	67.8 -----	65.6 -----	67.1 ----
SY Tribore	65.4 -----	66.0 -----	66.5 ----	64.7 ----	65.6 ----
KXB2007	65.0 -----	57.6 ----	66.9 -----	62.3 ----	65.4 ----
P7524	61.8 -	55.7 ---	64.4 ---	58.0 -	63.0 --
P7631	68.4 -----	59.8 -----	68.3 -----	64.6 ----	73.7 -----
Lidano	64.2 ----	55.3 ---	65.3 ----	67.4 -----	66.9 ----
ES Scorpion	68.3 -----	55.7 ---	70.3 -----	69.4 -----	69.7 -----
ES Cluedo	69.6 -----	59.4 ----	68.7 ----	69.5 -----	72.5 -----
GL 13108	67.8 -----	61.5 -----	69.4 -----	68.8 -----	69.4 -----
EM3238	64.4 ----	58.4 ----	71.4 -----	69.4 -----	63.8 --
Cebesto	61.6 -	56.4 ----	65.1 ----	67.1 -----	62.5 -
LZM163/74	63.7 ----	54.2 --	64.9 ----	68.3 -----	65.0 ---
P7883	64.3 ----	59.6 -----	65.6 ----	65.1 -----	64.9 ---
CSM1168	67.2 -----	59.1 -----	67.9 -----	71.8 -----	67.8 -----
CSM2152	66.2 -----	59.0 -----	67.4 -----	69.9 -----	68.3 -----
CSM2170	67.9 -----	61.0 -----	70.1 -----	65.3 -----	73.4 -----
KWS Nestor	65.9 -----	56.6 ----	67.7 -----	64.6 ----	68.5 -----
KXB3303	63.5 ---	57.9 ----	68.6 -----	62.0 ---	64.4 ---
KXB3901	65.7 -----	61.2 -----	67.4 -----	63.6 ----	66.4 ----
RGT Cinexx	63.3 ---	56.6 ----	64.5 ---	63.6 ----	66.5 ----
P 8057	64.4 ----	56.2 ----	68.5 -----	64.0 ----	67.9 -----
Gottardo KWS	62.9 ---	55.5 ---	67.5 -----	64.0 ----	64.1 ---
Cathy	63.4 ---	51.6 -	67.2 -----	64.1 ----	64.4 ---
-Bezugsgrösse(n)	62.5 --	57.5 ----	66.3 ----	65.7 -----	64.6 ---
Versuchs-Mittel	64.9 -----	58.1 -----	67.4 -----	65.7 -----	66.9 -----
VK [%]	4.0	5.3	4.6	4.7	3.1
KGD (5%)	1.6	5.0	5.1	5.0	3.3
KGD (1%)	2.1	6.7	ns	6.7	4.4
Versuchs-Streuung	2.6	3.1	3.1	3.1	2.0
FG Fehlerterm	400.0	58.0	56.0	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	2771.6	29	14.04 ***	1.50	0.0000
Anbauorte	5418.1	6	132.70 ***	2.12	0.0000
WW Verf.*Anb.Orte	2879.0	174	2.43 ***	1.23	0.0001
Fehler	2721.9	400			
Insgesamt	13790.6	609			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Fabregas	64.1	---	64.9	----	60.4	---
Tiago	65.0	----	66.6	-----	64.0	-----
Poya	65.2	----	66.0	----	64.1	-----
Ampezzo	60.3	-	59.9	-	57.0	-
LG 30.222	66.3	-----	69.2	-----	61.8	----
Schobbi CS	62.7	--	64.5	----	61.9	----
DKC 3333	61.7	--	64.8	----	62.0	----
SY Tivio	64.3	----	68.0	-----	65.1	-----
SY Tribore	60.9	-	69.4	-----	64.7	-----
KXB2007	71.5	-----	68.1	-----	63.0	-----
P7524	65.9	-----	65.1	-----	60.5	---
P7631	73.5	-----	71.1	-----	68.0	-----
Lidano	66.8	-----	65.3	-----	62.5	----
ES Scorpion	71.3	-----	72.4	-----	69.1	-----
ES Cluedo	72.9	-----	72.3	-----	71.6	-----
GL 13108	68.4	-----	67.6	-----	69.3	-----
EM3238	63.1	---	60.6	-	64.1	-----
Cebesto	60.6	-	60.3	-	59.0	--
LZM163/74	64.5	----	65.0	----	64.2	-----
P7883	64.3	----	67.2	-----	63.6	-----
CSM1168	68.1	-----	69.0	-----	66.5	-----
CSM2152	66.6	-----	66.9	-----	65.3	-----
CSM2170	65.8	-----	69.9	-----	70.0	-----
KWS Nestor	65.3	----	70.1	-----	68.5	-----
KXB3303	62.2	--	63.8	----	65.9	-----
KXB3901	64.5	----	68.7	-----	68.5	-----
RGT Cinexx	63.9	---	65.9	-----	62.2	----
P 8057	64.4	----	64.1	----	65.3	-----
Gottardo KWS	64.0	---	63.8	----	61.6	----
Cathy	66.3	-----	66.9	-----	63.0	-----
-Bezugsgrösse(n)	61.5	--	62.2	--	59.5	--
Versuchs-Mittel	65.5	-----	66.6	-----	64.4	-----
VK [%]	3.7		3.4		3.1	
KGD (5%)	3.9		3.7		3.3	
KGD (1%)	5.2		4.9		4.4	
Versuchs-Streuung	2.4		2.3		2.0	
FG Fehlerterm	54.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	615.1 -----	617.3 -----	582.3 -----	659.4 -----	641.3 -----
Tiago	625.9 -----	642.0 -----	544.7 ----	680.9 -----	651.8 -----
Poya	605.1 -----	604.2 -----	587.7 -----	657.4 -----	617.0 ----
Ampezzo	603.2 ----	628.2 -----	588.4 -----	661.2 -----	594.2 ---
LG 30.222	620.0 -----	600.6 -----	602.7 -----	675.0 -----	671.2 -----
Schobbi CS	612.8 -----	643.5 -----	564.5 -----	657.8 -----	592.6 ---
DKC 3333	609.8 -----	664.8 -----	580.1 -----	668.7 -----	650.9 -----
SY Tivio	630.8 -----	609.9 -----	601.6 -----	681.5 -----	654.2 -----
SY Tribore	596.4 ----	583.7 ----	559.1 ----	619.8 -	646.8 -----
KXB2007	628.5 -----	678.1 -----	569.2 -----	626.6 -	637.7 -----
P7524	627.4 -----	610.7 -----	625.6 -----	655.7 -----	659.1 -----
P7631	629.6 -----	594.2 -----	599.2 -----	644.0 ---	684.8 -----
Lidano	596.3 ----	555.2 --	570.0 -----	637.0 --	674.1 -----
ES Scorpion	661.1 -----	618.6 -----	610.9 -----	696.7 -----	718.1 -----
ES Cluedo	623.3 -----	610.8 -----	549.8 ----	683.0 -----	702.3 -----
GL 13108	653.1 -----	666.3 -----	573.2 -----	701.5 -----	699.4 -----
EM3238	578.0 --	587.2 ----	575.3 -----	635.6 --	620.4 -----
Cebesto	620.0 -----	669.3 -----	601.5 -----	689.6 -----	628.9 -----
LZM163/74	651.5 -----	629.9 -----	560.2 -----	683.2 -----	645.9 -----
P7883	634.1 -----	533.8 -	574.2 -----	684.9 -----	686.6 -----
CSM1168	564.9 -	594.9 -----	511.1 -	647.1 ----	553.0 -
CSM2152	623.9 -----	614.0 -----	569.1 -----	696.2 -----	628.8 -----
CSM2170	591.4 ---	623.2 -----	522.7 --	628.6 --	660.2 -----
KWS Nestor	622.7 -----	594.9 -----	561.9 -----	662.2 -----	658.0 -----
KXB3303	637.1 -----	601.4 -----	601.3 -----	662.4 -----	666.7 -----
KXB3901	628.5 -----	629.0 -----	565.1 -----	650.7 ----	703.2 -----
RGT Cinexx	663.0 -----	657.4 -----	620.4 -----	707.0 -----	680.2 -----
P 8057	614.7 -----	592.8 -----	595.6 -----	645.4 ----	651.7 -----
Gottardo KWS	661.5 -----	669.1 -----	605.5 -----	671.1 -----	715.0 -----
Cathy	596.8 ----	568.6 ---	570.5 -----	671.6 -----	603.6 ----
-Bezugsgrösse(n)	608.0 -----	635.9 -----	576.5 -----	659.5 -----	593.4 ---
Versuchs-Mittel	620.9 -----	616.4 -----	578.1 -----	664.7 -----	653.3 -----
VK [%]	6.3	7.0	5.4	4.7	5.5
KGD (5%)	23.8	70.2	50.8	ns	59.1
KGD (1%)	31.3	ns	67.7	ns	78.6
Versuchs-Streuung	39.2	42.9	31.1	31.2	36.1
FG Fehlerterm	404.0	58.0	56.0	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	341713.0	29	7.67 ***	1.50	0.0000
Anbauorte	572440.4	6	62.11 ***	2.12	0.0000
WW Verf.*Anb.Orte	402732.0	174	1.51 ns	1.23	
Fehler	620560.1	404			
Insgesamt	1937445.4	613			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Fabregas	650.7 -----	567.0 -----	587.8 ----
Tiago	656.8 -----	577.3 -----	627.5 -----
Poya	625.2 -----	553.0 -----	591.1 ----
Ampezzo	600.9 ---	554.4 -----	594.8 ----
LG 30.222	633.4 -----	544.8 ----	612.6 -----
Schobbi CS	665.8 -----	596.6 -----	568.8 ---
DKC 3333	584.4 --	532.0 ----	588.0 ----
SY Tivio	618.8 -----	607.6 -----	641.7 -----
SY Tribore	564.4 -	576.0 -----	624.7 -----
KXB2007	648.1 -----	599.5 -----	640.4 -----
P7524	612.2 ----	599.3 -----	629.1 -----
P7631	641.6 -----	600.8 -----	642.6 -----
Lidano	599.7 ---	541.8 ----	596.5 ----
ES Scorpion	700.7 -----	616.4 -----	666.7 -----
ES Cluedo	673.4 -----	564.6 -----	579.2 ---
GL 13108	659.3 -----	625.5 -----	646.6 -----
EM3238	571.5 -	485.3 -	570.9 ---
Cebesto	599.4 ---	571.7 -----	579.9 ---
LZM163/74	697.5 -----	636.4 -----	707.2 -----
P7883	667.0 -----	640.6 -----	651.7 -----
CSM1168	570.4 -	548.9 -----	529.1 -
CSM2152	616.4 ----	604.6 -----	638.2 -----
CSM2170	613.1 ----	552.7 -----	539.6 -
KWS Nestor	621.5 -----	621.2 -----	639.5 -----
KXB3303	644.7 -----	578.6 -----	704.5 -----
KXB3901	621.7 -----	579.2 -----	650.5 -----
RGT Cinexx	699.5 -----	638.5 -----	638.2 -----
P 8057	598.2 ---	597.8 -----	621.3 -----
Gottardo KWS	688.1 -----	609.8 -----	671.7 -----
Cathy	618.2 -----	577.8 -----	567.5 ---
-Bezugsgrösse(n)	633.3 -----	575.5 -----	581.8 ----
Versuchs-Mittel	632.1 -----	583.3 -----	618.3 -----
VK [%]	5.5	7.7	8.0
KGD (5%)	57.3	73.1	80.4
KGD (1%)	76.2	ns	106.9
Versuchs-Streuung	35.0	44.7	49.2
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		1376 Goumoens VD		1567 Delley FR		3065 Habstetten BE		5643 Alikon AG	
Fabregas	209.7	-----	158.7	---	209.1	-----	170.0	----	251.3	-----
Tiago	205.5	-----	180.8	-----	191.0	-	164.6	----	235.6	----
Poya	198.3	---	159.9	---	205.3	-----	164.9	----	216.9	-
Ampezzo	203.2	----	161.3	----	198.9	----	178.7	-----	227.2	---
LG 30.222	206.0	-----	165.1	----	207.5	-----	162.1	---	236.6	----
Schobbi CS	216.3	-----	183.8	-----	209.4	-----	185.2	-----	226.3	--
DKC 3333	205.5	-----	165.8	-----	209.2	-----	182.5	-----	240.0	----
SY Tivio	219.3	-----	173.5	-----	213.4	-----	194.9	-----	249.0	-----
SY Tribore	202.1	----	166.1	----	200.4	----	152.3	-	242.0	----
KXB2007	213.6	-----	196.7	-----	200.5	----	165.3	----	240.3	----
P7524	214.1	-----	163.3	----	216.7	-----	169.1	----	254.3	-----
P7631	203.7	----	167.9	-----	200.4	----	150.3	-	239.4	----
Lidano	204.9	-----	151.7	--	211.0	-----	158.2	--	252.7	-----
ES Scorpion	224.9	-----	174.7	-----	212.9	-----	188.5	-----	270.5	-----
ES Cluedo	209.7	-----	160.7	----	203.7	-----	181.8	-----	259.8	-----
GL 13108	219.3	-----	196.0	-----	203.2	----	176.7	-----	256.9	-----
EM3238	190.7	-	157.3	---	193.1	-	159.2	---	223.1	--
Cebesto	196.7	--	178.8	-----	197.2	---	160.5	---	226.1	--
LZM163/74	223.6	-----	164.0	----	210.6	-----	179.3	-----	252.6	-----
P7883	214.6	-----	145.0	-	201.4	----	171.4	----	260.8	-----
CSM1168	204.9	-----	169.2	-----	210.0	-----	165.0	----	222.1	--
CSM2152	215.5	-----	182.1	-----	213.8	-----	177.5	-----	234.4	----
CSM2170	205.7	-----	185.8	-----	192.8	-	155.3	--	238.6	----
KWS Nestor	211.4	-----	160.1	----	199.0	----	163.2	---	248.5	----
KXB3303	212.0	-----	166.7	----	206.4	-----	176.5	-----	245.0	----
KXB3901	211.2	-----	168.9	----	200.2	----	165.4	----	262.6	-----
RGT Cinexx	217.4	-----	189.9	-----	214.4	-----	187.7	-----	242.2	----
P 8057	208.5	-----	166.2	-----	203.9	-----	160.5	---	243.7	-----
Gottardo KWS	221.5	-----	184.2	-----	209.8	-----	179.0	-----	264.3	-----
Cathy	207.8	-----	161.1	----	206.9	-----	186.2	-----	235.4	----
-Bezugsgrösse(n)	209.8	-----	172.5	-----	204.2	-----	181.9	-----	226.8	--
Versuchs-Mittel	209.9	-----	170.2	-----	205.1	-----	171.1	-----	243.3	-----
VK [%]	6.6		9.7		3.6		7.0		5.1	
KGD (5%)	8.3		27.0		12.2		19.5		20.2	
KGD (1%)	11.0		ns		16.2		26.0		26.8	
Versuchs-Streuung	13.8		16.5		7.4		12.0		12.3	
FG Fehlerterm	404.0		58.0		56.0		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	39187.5	29	7.14	***	1.50	0.0000
Anbauorte	484000.7	6	426.28	***	2.12	0.0000
WW Verf.*Anb.Orte	50609.4	174	1.54	ns	1.23	
Fehler	76450.4	404				
Insgesamt	650248.0	613				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Fabregas	244.5	-----	210.3	-----	224.1	-----
Tiago	238.7	-----	207.3	-----	220.6	----
Poya	227.2	---	199.6	----	214.1	---
Ampezzo	223.4	--	207.8	-----	225.4	-----
LG 30.222	243.8	-----	195.6	----	231.3	-----
Schobbi CS	254.0	-----	230.5	-----	224.8	-----
DKC 3333	224.4	--	198.8	----	217.5	---
SY Tivio	245.9	-----	218.5	-----	239.9	-----
SY Tribore	217.9	-	211.6	-----	224.1	-----
KXB2007	237.9	-----	219.1	-----	235.4	-----
P7524	235.7	-----	224.5	-----	235.0	-----
P7631	227.9	---	214.0	-----	225.8	-----
Lidano	231.7	----	203.3	-----	225.6	-----
ES Scorpion	263.3	-----	224.7	-----	239.4	-----
ES Cluedo	251.1	-----	199.2	----	211.7	--
GL 13108	241.3	-----	228.5	-----	232.7	-----
EM3238	214.4	-	178.9	-	208.6	--
Cebesto	215.1	-	197.4	----	201.9	-
LZM163/74	267.9	-----	232.9	-----	257.7	-----
P7883	252.0	-----	229.6	-----	242.4	-----
CSM1168	237.1	-----	215.5	-----	215.3	---
CSM2152	236.0	-----	225.6	-----	239.0	-----
CSM2170	245.8	-----	211.1	-----	210.3	--
KWS Nestor	240.3	-----	231.5	-----	237.4	-----
KXB3303	236.0	-----	206.6	-----	246.8	-----
KXB3901	234.0	-----	207.3	-----	240.1	-----
RGT Cinexx	247.0	-----	220.9	-----	219.5	----
P 8057	233.9	----	219.8	-----	231.7	-----
Gottardo KWS	253.9	-----	217.8	-----	241.8	-----
Cathy	233.6	----	216.4	-----	215.2	---
-Bezugsgrösse(n)	238.7	-----	219.1	-----	225.1	-----
Versuchs-Mittel	238.5	-----	213.5	-----	227.8	-----
VK [%]	5.1		7.3		7.7	
KGD (5%)	19.7		25.5		ns	
KGD (1%)	26.3		ns		ns	
Versuchs-Streuung	12.1		15.6		17.6	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	34.2 ----	25.8 --	35.9 ----	25.8 ----	39.2 -----
Tiago	33.0 ---	28.1 -----	35.1 ---	24.2 --	36.2 ---
Poya	32.9 ---	26.3 ---	35.0 ---	25.1 ----	35.3 -
Ampezzo	33.9 -----	25.7 --	33.8 --	26.9 -----	38.3 -----
LG 30.222	33.3 ---	27.5 ----	34.4 ---	24.1 --	35.3 -
Schobbi CS	35.5 -----	28.6 -----	37.1 -----	28.2 -----	38.3 -----
DKC 3333	34.0 ----	25.1 -	36.1 ----	27.3 -----	36.9 ----
SY Tivio	34.9 -----	28.5 -----	35.6 ----	28.6 -----	38.1 -----
SY Tribore	33.9 ----	28.5 -----	35.8 ----	24.6 ---	37.4 ----
KXB2007	34.1 ----	29.1 -----	35.2 ---	26.4 ----	37.7 ----
P7524	34.2 ----	26.7 ----	34.7 ---	25.8 ----	38.6 -----
P7631	32.3 -	28.2 -----	33.5 -	23.3 -	34.9 -
Lidano	34.4 -----	27.3 ----	37.0 -----	24.9 ----	37.5 ----
ES Scorpion	33.9 ----	28.2 -----	34.9 ---	27.0 -----	37.6 ----
ES Cluedo	33.7 ---	26.2 ---	37.1 -----	26.7 -----	37.0 ---
GL 13108	33.7 ---	29.4 -----	35.5 ---	25.2 ----	36.8 ----
EM3238	33.2 ---	26.8 ----	33.7 --	25.1 ----	36.0 ---
Cebesto	32.0 -	26.8 ----	32.8 -	23.2 -	36.0 ---
LZM163/74	34.4 -----	26.1 ---	37.7 -----	26.3 ----	39.2 -----
P7883	33.8 ---	27.1 ----	35.1 ---	25.0 ---	38.0 ----
CSM1168	36.7 -----	28.5 -----	41.2 -----	25.5 ----	40.3 -----
CSM2152	34.8 ----	29.8 -----	37.7 -----	25.5 ----	37.4 ----
CSM2170	35.1 -----	30.1 -----	36.9 -----	24.7 ---	36.3 ---
KWS Nestor	34.0 ----	27.0 ---	35.5 ----	24.6 ---	37.8 ----
KXB3303	33.3 ---	27.6 ----	34.3 --	26.7 -----	36.8 ---
KXB3901	33.7 ---	26.9 ----	35.6 ----	25.3 ----	37.4 ----
RGT Cinexx	32.9 --	28.9 -----	34.7 ---	26.6 -----	35.7 --
P 8057	34.0 ----	28.1 -----	34.2 --	24.9 ----	37.4 ----
Gottardo KWS	33.5 ----	27.5 ----	34.7 ---	26.7 -----	37.0 ----
Cathy	35.0 -----	28.4 -----	36.3 ----	27.7 -----	39.1 -----
-Bezugsgrösse(n)	34.7 -----	27.1 ----	35.5 ----	27.5 -----	38.3 -----
Versuchs-Mittel	33.9 ----	27.6 -----	35.6 ----	25.7 ----	37.3 ----
VK [%]	3.7	7.5	3.8	5.2	2.9
KGD (5%)	0.8	ns	2.2	2.2	1.8
KGD (1%)	1.0	ns	2.9	2.9	2.3
Versuchs-Streuung	1.3	2.1	1.3	1.3	1.1
FG Fehlerterm	404.0	58.0	56.0	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	541.7	29	11.86 ***	1.50	0.0000
Anbauorte	13734.6	6	1453.78 ***	2.12	0.0000
WW Verf.*Anb.Orte	565.6	174	2.06 ***	1.23	0.0003
Fehler	636.1	404			
Insgesamt	15478.0	613			

Précocité [% MS] / Frühreife [% TS]

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Fabregas	37.6 ----	37.1 -----	38.1 -----
Tiago	36.3 --	35.9 ---	35.2 --
Poya	36.4 --	36.1 ----	36.3 ----
Ampezzo	37.2 ----	37.5 -----	37.9 -----
LG 30.222	38.5 -----	35.9 ---	37.7 -----
Schobbi CS	38.1 -----	38.8 -----	39.5 -----
DKC 3333	38.4 -----	37.3 -----	37.0 ----
SY Tivio	39.8 -----	36.0 ----	37.5 -----
SY Tribore	38.7 -----	36.7 ----	35.9 ---
KXB2007	36.7 ---	36.6 ----	36.8 ----
P7524	38.5 -----	37.5 -----	37.4 ----
P7631	35.6 -	35.6 ---	35.2 --
Lidano	38.6 -----	37.6 -----	37.8 -----
ES Scorpion	37.6 ----	36.4 ----	35.9 ---
ES Cluedo	37.3 ----	35.3 --	36.7 ----
GL 13108	36.6 ---	36.5 ----	36.0 ---
EM3238	37.5 ----	36.9 ----	36.6 ----
Cebesto	36.0 --	34.5 -	34.8 -
LZM163/74	38.4 -----	36.6 ----	36.5 ----
P7883	37.8 ----	35.9 ---	37.3 ----
CSM1168	41.6 -----	39.3 -----	40.7 -----
CSM2152	38.3 ----	37.4 -----	37.5 -----
CSM2170	40.1 -----	38.2 -----	39.1 -----
KWS Nestor	38.7 -----	37.3 -----	37.2 ----
KXB3303	36.6 ---	35.8 ---	35.0 --
KXB3901	37.7 ----	35.9 ---	36.9 ----
RGT Cinexx	35.3 -	34.6 -	34.4 -
P 8057	39.1 -----	36.8 ----	37.3 ----
Gottardo KWS	36.9 ---	35.7 ---	36.0 ---
Cathy	37.8 ----	37.5 -----	37.9 -----
-Bezugsgrösse(n)	37.7 ----	38.2 -----	38.7 -----
Versuchs-Mittel	37.8 -----	36.6 ----	36.9 ----
VK [%]	1.9	2.5	2.3
KGD (5%)	1.2	1.5	1.4
KGD (1%)	1.5	2.0	1.8
Versuchs-Streuung	0.7	0.9	0.8
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel		1567 Delley FR		8046 Reckenholz ZH	
Fabregas	0.3	-	0.0	-	0.5	-
Tiago	2.1	---	4.2	----	0.0	-
Poya	0.3	-	0.0	-	0.7	-
Ampezzo	1.0	--	0.0	-	2.1	--
LG 30.222	0.2	-	0.0	-	0.5	-
Schobbi CS	0.0	-	0.0	-	0.0	-
DKC 3333	2.5	---	0.0	-	4.9	-----
SY Tivio	1.6	--	0.0	-	3.2	---
SY Tribore	0.0	-	0.0	-	0.0	-
KXB2007	0.8	-	0.0	-	1.6	--
P7524	0.0	-	0.0	-	0.0	-
P7631	0.0	-	0.0	-	0.0	-
Lidano	0.5	-	0.0	-	1.1	--
ES Scorpion	2.9	---	4.2	----	1.6	--
ES Cluedo	2.6	---	4.2	----	1.1	--
GL 13108	6.5	-----	12.5	-----	0.5	-
EM3238	0.2	-	0.0	-	0.5	-
Cebesto	0.0	-	0.0	-	0.0	-
LZM163/74	5.1	-----	0.0	-	10.2	-----
P7883	4.2	-----	0.0	-	8.3	-----
CSM1168	10.0	-----	8.3	-----	11.7	-----
CSM2152	2.9	----	4.2	----	1.7	--
CSM2170	2.1	---	4.2	----	0.0	-
KWS Nestor	0.0	-	0.0	-	0.0	-
KXB3303	0.8	-	0.0	-	1.5	--
KXB3901	0.2	-	0.0	-	0.5	-
RGT Cinexx	0.6	-	0.0	-	1.2	--
P 8057	0.5	-	0.0	-	1.0	-
Gottardo KWS	0.0	-	0.0	-	0.0	-
Cathy	2.4	---	4.2	----	0.6	-
-Bezugsgrösse(n)	0.5	-	0.0	-	1.0	-
Versuchs-Mittel	1.7	--	1.5	--	1.8	--
VK [%]	255.0		302.5		194.2	
KGD (5%)	4.9		ns		5.8	
KGD (1%)	ns		ns		7.7	
Versuchs-Streuung	4.3		4.9		3.6	
FG Fehlerterm	114.0		56.0		58.0	
Anz. Beob.	6.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	911.6	29	1.71 *	1.57	0.0244
Anbauorte	4.2	1	0.23 ns	3.92	0.6329
WW Verf.*Anb.Orte	667.6	29	1.25 ns	1.57	0.2005
Fehler	2093.9	114			
Insgesamt	3677.3	173			

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

Verfahren	Seriemittel	1567 Delley FR	5643 Alikon AG	8046 Reckenholz ZH
Fabregas	0.0 -	0.0 -	0.0 -	0.0 -
Tiago	0.0 -	0.0 -	0.0 -	0.0 -
Poya	2.1 ---	4.2 ---	2.3 ---	0.0 -
Ampezzo	0.0 -	0.0 -	0.0 -	0.0 -
LG 30.222	0.0 -	0.0 -	0.0 -	0.0 -
Schobbi CS	0.0 -	0.0 -	0.0 -	0.0 -
DKC 3333	1.0 --	0.0 -	0.0 -	2.9 -----
SY Tivio	6.1 -----	8.3 -----	10.1 -----	0.0 -
SY Tribore	0.0 -	0.0 -	0.0 -	0.0 -
KXB2007	0.0 -	0.0 -	0.0 -	0.0 -
P7524	0.0 -	0.0 -	0.0 -	0.0 -
P7631	0.0 -	0.0 -	0.0 -	0.0 -
Lidano	0.0 -	0.0 -	0.0 -	0.0 -
ES Scorpion	0.0 -	0.0 -	0.0 -	0.0 -
ES Cluedo	2.8 ----	8.3 ----	0.0 -	0.0 -
GL 13108	4.2 -----	12.5 -----	0.0 -	0.0 -
EM3238	0.0 -	0.0 -	0.0 -	0.0 -
Cebesto	0.0 -	0.0 -	0.0 -	0.0 -
LZM163/74	7.0 -----	16.7 -----	0.0 -	4.3 -----
P7883	7.7 -----	12.5 -----	10.7 -----	0.0 -
CSM1168	1.4 --	4.2 ---	0.0 -	0.0 -
CSM2152	0.0 -	0.0 -	0.0 -	0.0 -
CSM2170	0.0 -	0.0 -	0.0 -	0.0 -
KWS Nestor	0.0 -	0.0 -	0.0 -	0.0 -
KXB3303	0.0 -	0.0 -	0.0 -	0.0 -
KXB3901	0.0 -	0.0 -	0.0 -	0.0 -
RGT Cinexx	0.0 -	0.0 -	0.0 -	0.0 -
P 8057	0.0 -	0.0 -	0.0 -	0.0 -
Gottardo KWS	0.0 -	0.0 -	0.0 -	0.0 -
Cathy	0.0 -	0.0 -	0.0 -	0.0 -
-Bezugsgrösse(n)	0.0 -	0.0 -	0.0 -	0.0 -
Versuchs-Mittel	1.1 --	2.2 --	0.8 -	0.2 -
VK [%]	403.1	290.5	489.8	688.3
KGD (5%)	4.0	ns	ns	ns
KGD (1%)	5.3	ns	ns	ns
Versuchs-Streuung	4.3	6.4	3.8	1.7
FG Fehlerterm	172.0	56.0	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	1296.0	29	2.37 ***	1.53	0.0007
Anbauorte	189.6	2	5.03 **	3.04	0.0075
WW Verf.*Anb.Orte	1236.5	58	1.13 ns	1.40	0.2694
Fehler	3241.1	172			
Insgesamt	5963.2	261			

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	3065 Habstetten BE	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Fabregas	1.3 ---	0.6 --	3.1 ---	1.0 --	0.5 ---
Tiago	5.7 -----	0.3 -	11.7 -----	9.6 -----	1.1 -----
Poya	3.7 -----	1.8 ----	6.0 -----	5.0 -----	1.9 -----
Ampezzo	2.2 ----	1.8 ----	6.8 -----	0.0 -	0.0 -
LG 30.222	2.1 ----	0.0 -	5.7 -----	2.4 ---	0.5 ---
Schobbi CS	0.9 --	0.0 -	3.7 ---	0.0 -	0.0 -
DKC 3333	1.0 --	0.0 -	2.7 ---	0.0 -	1.1 -----
SY Tivio	1.5 ---	1.0 ---	4.4 ----	0.8 -	0.0 -
SY Tribore	0.7 -	0.0 -	2.6 ---	0.0 -	0.0 -
KXB2007	0.6 -	0.0 -	2.5 --	0.0 -	0.0 -
P7524	4.1 -----	1.0 ---	12.5 -----	2.8 ----	0.0 -
P7631	0.7 -	1.4 ----	1.5 --	0.0 -	0.0 -
Lidano	1.6 ---	0.0 -	3.3 ---	2.2 ---	1.1 -----
ES Scorpion	1.0 --	0.6 --	2.2 --	0.0 -	1.1 -----
ES Cluedo	0.6 -	0.0 -	0.0 -	2.2 ---	0.0 -
GL 13108	5.2 -----	1.0 ---	13.1 -----	5.0 -----	1.6 -----
EM3238	0.2 -	1.0 ---	0.0 -	0.0 -	0.0 -
Cebesto	0.5 -	1.6 ----	0.5 -	0.0 -	0.0 -
LZM163/74	1.1 --	1.6 ----	1.1 -	1.7 --	0.0 -
P7883	1.9 ----	2.2 ----	3.2 ---	1.1 --	1.0 -----
CSM1168	1.8 ---	0.3 -	6.4 -----	0.0 -	0.5 ---
CSM2152	0.4 -	0.0 -	1.6 --	0.0 -	0.0 -
CSM2170	0.5 -	0.3 -	1.5 --	0.0 -	0.0 -
KWS Nestor	1.6 ---	1.0 ---	3.7 ---	1.7 --	0.0 -
KXB3303	3.1 ----	1.6 ----	11.0 -----	0.0 -	0.0 -
KXB3901	3.0 -----	0.0 -	10.6 -----	0.5 -	1.0 -----
RGT Cinexx	1.8 ----	0.6 --	4.4 ----	1.3 --	1.0 -----
P 8057	1.8 ---	0.4 -	6.3 -----	0.5 -	0.0 -
Gottardo KWS	2.7 -----	1.5 ----	6.6 -----	2.2 ---	0.5 ---
Cathy	4.4 -----	4.7 -----	8.9 -----	3.4 ----	0.5 ---
-Bezugsgrösse(n)	1.5 ---	0.9 ---	5.2 -----	0.0 -	0.0 -
Versuchs-Mittel	1.9 ----	0.9 --	4.9 ----	1.4 --	0.4 ---
VK [%]	115.4	181.9	72.1	131.0	219.5
KGD (5%)	1.8	ns	5.8	3.1	ns
KGD (1%)	2.4	ns	7.7	4.1	ns
Versuchs-Streuung	2.2	1.6	3.5	1.9	1.0
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	743.7	29	5.21 ***	1.52	0.0000
Anbauorte	1119.4	3	75.81 ***	2.64	0.0000
WW Verf.*Anb.Orte	1016.6	87	2.37 ***	1.33	0.0002
Fehler	1141.8	232			
Insgesamt	4021.5	351			

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	10.3 -----	10.9 -----	10.0 -	10.0 -----	10.4 -----
Tiago	9.6 -----	9.9 -----	10.0 -	9.5 -----	9.4 -----
Poya	8.3 -	8.1 -	10.0 -	7.8 -	7.7 -
Ampezzo	10.2 -----	10.4 -----	10.0 -	10.2 -----	9.9 -----
LG 30.222	10.0 -----	10.4 -----	10.0 -	10.3 -----	9.3 -----
Schobbi CS	10.1 -----	10.4 -----	10.0 -	10.2 -----	9.4 -----
DKC 3333	9.5 -----	10.2 -----	10.0 -	9.4 -----	9.3 -----
SY Tivio	9.6 -----	10.1 -----	10.0 -	10.2 -----	9.0 -----
SY Tribore	10.0 -----	10.4 -----	10.0 -	10.1 -----	10.2 -----
KXB2007	10.4 -----	10.7 -----	10.0 -	10.9 -----	10.1 -----
P7524	10.0 -----	10.3 -----	10.0 -	9.9 -----	9.5 -----
P7631	10.0 -----	10.4 -----	10.0 -	9.9 -----	9.7 -----
Lidano	9.6 -----	9.9 -----	10.0 -	9.6 -----	9.1 -----
ES Scorpion	9.5 -----	10.0 -----	10.0 -	9.8 -----	9.3 -----
ES Cluedo	10.2 -----	10.7 -----	10.0 -	10.3 -----	9.4 -----
GL 13108	10.0 -----	10.1 -----	10.0 -	10.1 -----	10.0 -----
EM3238	10.3 -----	10.4 -----	10.0 -	10.1 -----	10.0 -----
Cebesto	9.7 -----	10.4 -----	10.0 -	10.0 -----	9.1 -----
LZM163/74	10.2 -----	10.4 -----	10.0 -	10.4 -----	10.2 -----
P7883	10.2 -----	10.7 -----	10.0 -	10.6 -----	10.3 -----
CSM1168	10.0 -----	10.6 -----	10.0 -	10.1 -----	9.1 -----
CSM2152	9.9 -----	10.0 -----	10.0 -	10.5 -----	9.2 -----
CSM2170	10.2 -----	10.3 -----	10.0 -	10.6 -----	9.7 -----
KWS Nestor	10.1 -----	10.4 -----	10.0 -	10.0 -----	10.1 -----
KXB3303	10.4 -----	10.6 -----	10.0 -	10.9 -----	9.8 -----
KXB3901	10.1 -----	10.4 -----	10.0 -	10.1 -----	9.9 -----
RGT Cinexx	9.8 -----	10.1 -----	10.0 -	10.4 -----	9.3 -----
P 8057	9.8 -----	10.6 -----	10.0 -	9.8 -----	9.1 -----
Gottardo KWS	10.3 -----	10.7 -----	10.0 -	10.7 -----	9.8 -----
Cathy	10.2 -----	10.9 -----	10.0 -	10.6 -----	10.0 -----
-Bezugsgrösse(n)	10.1 -----	10.4 -----	10.0 -	10.2 -----	9.7 -----
Versuchs-Mittel	10.0 -----	10.3 -----	10.0 -	10.1 -----	9.6 -----
VK [%]	4.6	3.1	0.0	5.2	5.4
KGD (5%)	0.3	0.5	ns	0.9	0.8
KGD (1%)	0.4	0.7	ns	1.1	1.1
Versuchs-Streuung	0.5	0.3	0.0	0.5	0.5
FG Fehlerterm	404.0	58.0	56.0	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	99.5	29	16.14	***	1.50	0.0000
Anbauorte	69.7	6	54.61	***	2.12	0.0000
WW Verf.*Anb.Orte	59.2	174	1.60	ns	1.23	
Fehler	85.9	404				
Insgesamt	314.3	613				

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Fabregas	10.4 -----	10.2 -----	10.4 -----
Tiago	9.8 -----	9.0 ----	9.5 ----
Poya	8.1 -	8.1 -	8.6 -
Ampezzo	10.0 -----	10.2 -----	10.8 -----
LG 30.222	10.1 -----	9.2 ----	10.7 -----
Schobbi CS	10.2 -----	10.0 -----	10.4 -----
DKC 3333	9.7 ----	8.2 -	9.8 ----
SY Tivio	9.5 ----	8.5 --	10.0 ----
SY Tribore	9.8 ----	9.0 ----	10.7 -----
KXB2007	10.5 -----	9.7 -----	10.8 -----
P7524	10.3 -----	9.7 -----	10.2 -----
P7631	10.0 -----	9.4 -----	10.8 -----
Lidano	9.8 ----	9.1 ----	9.9 ----
ES Scorpion	9.5 ----	8.1 -	10.1 ----
ES Cluedo	10.4 -----	9.6 -----	10.7 -----
GL 13108	10.3 -----	9.2 ----	10.3 -----
EM3238	11.0 -----	9.6 -----	10.6 -----
Cebesto	10.1 -----	9.3 ----	9.3 ----
LZM163/74	10.2 -----	9.8 -----	10.5 -----
P7883	9.7 ----	10.0 -----	10.4 -----
CSM1168	10.0 -----	9.7 -----	10.5 -----
CSM2152	9.5 ----	9.8 -----	10.2 -----
CSM2170	10.3 -----	9.6 -----	10.9 -----
KWS Nestor	9.9 ----	10.0 -----	10.6 -----
KXB3303	10.5 -----	10.1 -----	11.2 -----
KXB3901	10.4 -----	9.2 ----	10.9 -----
RGT Cinexx	9.5 ----	8.8 ----	10.4 -----
P 8057	10.1 -----	9.3 ----	9.5 ----
Gottardo KWS	10.5 -----	9.9 -----	10.9 -----
Cathy	9.8 ----	9.4 -----	10.7 -----
-Bezugsgrösse(n)	10.1 -----	10.1 -----	10.6 -----
Versuchs-Mittel	10.0 -----	9.4 -----	10.3 -----
VK [%]	5.0	6.3	4.7
KGD (5%)	0.8	1.0	0.8
KGD (1%)	1.1	1.3	1.1
Versuchs-Streuung	0.5	0.6	0.5
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel	1376		3065		8046		
		Goumoens VD		Habstetten BE		Reckenholz ZH		
Fabregas	43.6	-----	41.4	-----	44.3	-----	45.1	-----
Tiago	40.8	-----	40.6	-----	37.5	---	44.3	-----
Poya	37.6	---	34.7	--	38.2	----	39.8	-
Ampezzo	44.0	-----	41.6	-----	44.2	-----	46.2	-----
LG 30.222	40.8	-----	41.4	-----	38.1	----	42.9	----
Schobbi CS	38.0	---	37.5	----	35.3	-	41.2	---
DKC 3333	40.8	-----	36.8	----	40.6	-----	45.1	-----
SY Tivio	40.7	-----	37.5	----	38.8	----	45.7	-----
SY Tribore	41.3	-----	38.9	----	40.1	-----	44.7	-----
KXB2007	35.7	-	31.9	-	35.8	-	39.4	-
P7524	38.2	---	36.5	----	36.0	--	42.2	----
P7631	41.5	-----	40.9	-----	39.1	-----	44.6	-----
Lidano	40.7	-----	38.0	----	42.0	-----	42.1	----
ES Scorpion	42.4	-----	40.1	-----	41.0	-----	46.1	-----
ES Cluedo	40.5	-----	39.3	-----	41.8	-----	40.5	--
GL 13108	37.3	--	37.0	----	34.8	-	40.2	--
EM3238	42.6	-----	40.9	-----	41.8	-----	45.1	-----
Cebesto	39.5	-----	40.6	-----	35.2	-	42.8	-----
LZM163/74	39.8	-----	39.9	-----	35.6	-	44.0	-----
P7883	43.6	-----	42.6	-----	40.5	-----	47.7	-----
CSM1168	40.4	-----	38.1	-----	38.6	----	44.5	-----
CSM2152	40.0	-----	39.7	-----	37.5	---	42.9	-----
CSM2170	44.7	-----	40.9	-----	45.7	-----	47.6	-----
KWS Nestor	40.8	-----	36.7	----	40.7	-----	45.1	-----
KXB3303	38.2	---	35.8	---	36.8	--	42.1	----
KXB3901	42.3	-----	40.5	-----	40.9	-----	45.5	-----
RGT Cinexx	38.3	---	36.1	---	37.8	---	41.0	--
P 8057	39.5	-----	36.3	----	39.0	----	43.2	----
Gottardo KWS	41.0	-----	38.8	-----	39.6	-----	44.6	-----
Cathy	43.9	-----	46.9	-----	39.6	-----	45.1	-----
-Bezugsgrösse(n)	41.0	-----	39.5	-----	39.7	-----	43.7	-----
Versuchs-Mittel	40.6	-----	38.9	-----	39.2	-----	43.7	-----
VK [%]	6.9		7.5		7.2		5.9	
KGD (5%)	2.6		4.8		4.6		4.2	
KGD (1%)	3.4		6.4		6.1		5.6	
Versuchs-Streuung	2.8		2.9		2.8		2.6	
FG Fehlerterm	174.0		58.0		58.0		58.0	
Anz. Beob.	9.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	1260.0	29	5.59	***	1.53	0.0000
Anbauorte	1292.4	2	83.20	***	3.04	0.0000
WW Verf.*Anb.Orte	569.0	58	1.26	ns	1.40	0.1266
Fehler	1351.5	174				
Insgesamt	4472.9	263				

Floraison [jours] / Blühbeginn [Tage]

Verfahren	Seriemittel	1376 Goumoens VD	3065 Habstetten BE	8046 Reckenholz ZH
Fabregas	77.7 --	87.3 -----	79.0 -	66.7 -----
Tiago	81.3 -----	88.7 -----	87.7 -----	67.7 -----
Poya	80.0 -----	89.0 -----	85.0 -----	66.0 ---
Ampezzo	77.2 --	86.3 ----	80.0 --	65.3 -
LG 30.222	79.3 ----	88.3 -----	84.0 -----	65.7 --
Schobbi CS	79.7 -----	88.0 -----	83.0 ----	68.0 -----
DKC 3333	81.3 -----	89.0 -----	86.7 -----	68.3 -----
SY Tivio	77.4 --	86.3 ----	80.3 --	65.7 --
SY Tribore	79.4 -----	88.7 -----	83.0 -----	66.7 -----
KXB2007	77.0 -	84.3 -	81.0 ---	65.7 --
P7524	81.1 -----	87.7 -----	88.3 -----	67.3 -----
P7631	81.0 -----	89.0 -----	87.7 -----	66.3 ----
Lidano	81.0 -----	88.0 -----	87.0 -----	68.0 -----
ES Scorpion	81.1 -----	89.0 -----	86.0 -----	68.3 -----
ES Cluedo	77.7 --	86.7 ----	80.3 --	66.0 ---
GL 13108	79.7 -----	87.7 -----	83.3 -----	68.0 -----
EM3238	79.8 -----	87.3 -----	84.3 -----	67.7 -----
Cebesto	80.9 -----	88.7 -----	87.3 -----	66.7 ----
LZM163/74	78.0 ---	88.0 -----	80.3 --	65.7 --
P7883	82.3 -----	90.3 -----	89.0 -----	67.7 -----
CSM1168	78.2 ---	86.7 ----	81.7 ---	66.3 ----
CSM2152	79.8 -----	87.3 -----	85.3 -----	66.7 -----
CSM2170	80.1 -----	88.7 -----	85.0 -----	66.7 -----
KWS Nestor	77.0 -	85.3 --	80.0 --	65.7 --
KXB3303	79.9 -----	88.3 -----	85.0 -----	66.3 ---
KXB3901	76.7 -	84.7 -	80.0 --	65.3 -
RGT Cinexx	81.8 -----	89.7 -----	88.0 -----	67.7 -----
P 8057	79.6 -----	89.7 -----	83.0 -----	66.0 ---
Gottardo KWS	78.8 ----	88.7 -----	81.0 ---	66.7 -----
Cathy	79.8 -----	89.3 -----	83.7 -----	66.3 ----
-Bezugsgrösse(n)	78.4 ----	87.2 -----	81.5 ---	66.7 -----
Versuchs-Mittel	79.5 -----	87.9 -----	83.9 -----	66.7 -----
VK [%]	2.7	2.4	3.4	1.6
KGD (5%)	2.0	ns	4.6	1.7
KGD (1%)	2.6	ns	6.2	2.3
Versuchs-Streuung	2.1	2.1	2.8	1.0
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	663.4	29	5.07 ***	1.53	0.0000
Anbauorte	22795.3	2	2525.57 ***	3.04	0.0000
WW Verf.*Anb.Orte	384.7	58	1.47 *	1.40	0.0299
Fehler	785.2	174			
Insgesamt	24628.7	263			

Pyrale [%] / Maiszünsler [%]

Verfahren	Seriemittel	3065 Habstetten BE
Fabregas	8.5 -----	8.5 -----
Tiago	5.6 -----	5.6 -----
Poya	10.3 -----	10.3 -----
Ampezzo	7.0 -----	7.0 -----
LG 30.222	1.6 -	1.6 -
Schobbi CS	5.6 -----	5.6 -----
DKC 3333	3.5 ---	3.5 ---
SY Tivio	4.6 ----	4.6 ----
SY Tribore	4.6 ----	4.6 ----
KXB2007	4.6 ----	4.6 ----
P7524	7.4 -----	7.4 -----
P7631	1.9 -	1.9 -
Lidano	7.9 -----	7.9 -----
ES Scorpion	3.5 ---	3.5 ---
ES Cluedo	3.8 ---	3.8 ---
GL 13108	7.9 -----	7.9 -----
EM3238	3.8 ---	3.8 ---
Cebesto	5.7 -----	5.7 -----
LZM163/74	4.8 ----	4.8 ----
P7883	5.0 ----	5.0 ----
CSM1168	9.1 -----	9.1 -----
CSM2152	5.7 -----	5.7 -----
CSM2170	10.7 -----	10.7 -----
KWS Nestor	12.2 -----	12.2 -----
KXB3303	8.5 -----	8.5 -----
KXB3901	3.8 ---	3.8 ---
RGT Cinexx	1.0 -	1.0 -
P 8057	5.4 -----	5.4 -----
Gottardo KWS	8.4 -----	8.4 -----
Cathy	8.8 -----	8.8 -----
-Bezugsgrösse(n)	6.3 -----	6.3 -----
Versuchs-Mittel	6.0 -----	6.0 -----
VK [%]	53.6	53.6
KGD (5%)	5.3	5.3
KGD (1%)	7.0	7.0
Versuchs-Streuung	3.2	3.2
FG Fehlerterm	58.0	58.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	6.4 -	5.6 -	6.8 --	6.1 -----	6.3 --
Tiago	6.5 ---	6.0 -----	7.1 -----	6.0 ----	6.2 -
Poya	6.5 -----	5.9 -----	7.3 -----	6.3 -----	6.4 ----
Ampezzo	6.7 -----	5.9 -----	7.1 -----	6.4 -----	6.7 -----
LG 30.222	6.6 -----	6.2 -----	7.1 -----	6.0 ----	6.6 -----
Schobbi CS	6.7 -----	6.2 -----	7.2 -----	6.5 -----	6.4 ----
DKC 3333	6.6 -----	5.6 --	7.3 -----	6.3 -----	6.6 -----
SY Tivio	6.7 -----	6.2 -----	7.2 -----	6.5 -----	6.6 -----
SY Tribore	6.6 ----	5.9 -----	7.1 -----	6.0 ----	6.6 -----
KXB2007	6.8 -----	6.3 -----	7.1 -----	6.3 -----	6.8 -----
P7524	6.4 ---	5.8 ----	6.9 ----	5.8 -	6.4 ----
P7631	6.8 -----	6.3 -----	7.2 -----	6.2 -----	6.8 -----
Lidano	6.5 ---	5.8 ----	7.0 -----	5.7 -	6.6 -----
ES Scorpion	6.4 -	5.5 -	6.7 -	5.9 --	6.6 -----
ES Cluedo	6.6 -----	6.3 -----	7.0 -----	6.1 ----	6.6 -----
GL 13108	6.7 -----	6.3 -----	7.0 ----	6.2 -----	6.6 -----
EM3238	6.7 -----	5.9 -----	6.9 ---	6.3 -----	6.7 -----
Cebesto	6.4 --	5.9 -----	6.9 ---	5.9 ---	6.4 ---
LZM163/74	6.6 -----	5.6 --	7.1 -----	6.3 -----	6.5 -----
P7883	6.4 ---	6.0 -----	6.9 ---	5.7 -	6.5 ----
CSM1168	6.6 -----	6.1 -----	7.3 -----	6.3 -----	6.5 -----
CSM2152	6.7 -----	6.3 -----	7.1 -----	6.5 -----	6.6 -----
CSM2170	6.5 ----	6.4 -----	7.0 ----	5.8 -	6.5 ----
KWS Nestor	6.7 -----	6.0 -----	7.3 -----	6.0 ----	6.8 -----
KXB3303	6.7 -----	6.2 -----	6.9 ---	6.5 -----	6.7 -----
KXB3901	6.6 -----	5.9 -----	7.0 -----	6.1 -----	6.6 -----
RGT Cinexx	6.5 ---	5.9 -----	6.9 ---	6.0 ----	6.4 ----
P 8057	6.7 -----	6.2 -----	7.0 -----	6.2 -----	6.5 -----
Gottardo KWS	6.7 -----	6.3 -----	7.0 -----	6.5 -----	6.7 -----
Cathy	6.6 -----	5.8 ----	7.2 -----	6.3 -----	6.4 ----
-Bezugsgrösse(n)	6.7 -----	6.0 -----	7.2 -----	6.5 -----	6.6 -----
Versuchs-Mittel	6.6 -----	6.0 -----	7.1 -----	6.2 -----	6.6 -----
VK [%]	3.0	5.5	2.1	4.3	2.4
KGD (5%)	0.1	0.5	0.2	0.4	0.3
KGD (1%)	0.2	ns	0.3	0.6	0.3
Versuchs-Streuung	0.2	0.3	0.1	0.3	0.2
FG Fehlerterm	400.0	58.0	56.0	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	8.2	29	7.02 ***	1.50	0.0000
Anbauorte	86.5	6	359.58 ***	2.12	0.0000
WW Verf.*Anb.Orte	10.5	174	1.50 ns	1.23	
Fehler	16.0	400			
Insgesamt	121.1	609			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Fabregas	6.4 ---	6.9 ---	6.5 -
Tiago	6.3 -	6.9 ---	6.9 -----
Poya	6.4 --	6.8 --	6.8 ----
Ampezzo	6.8 -----	6.9 -----	7.0 -----
LG 30.222	6.6 -----	6.8 -	6.9 -----
Schobbi CS	6.6 -----	6.9 ----	6.8 -----
DKC 3333	6.5 -----	7.1 -----	7.0 -----
SY Tivio	6.5 -----	6.9 -----	7.0 -----
SY Tribore	6.5 -----	6.9 ----	7.0 -----
KXB2007	6.7 -----	7.1 -----	7.0 -----
P7524	6.5 -----	7.0 -----	6.7 ---
P7631	6.6 -----	7.2 -----	7.1 -----
Lidano	6.5 ----	6.8 --	6.9 -----
ES Scorpion	6.4 ---	6.8 -	6.7 ---
ES Cluedo	6.5 ----	6.8 --	6.8 -----
GL 13108	6.5 ----	7.1 -----	7.1 -----
EM3238	6.8 -----	7.0 -----	7.1 -----
Cebesto	6.4 --	6.8 -	6.7 ---
LZM163/74	6.7 -----	7.0 -----	6.9 -----
P7883	6.4 ----	6.8 --	6.8 ----
CSM1168	6.5 ----	7.0 -----	6.8 -----
CSM2152	6.6 -----	6.9 -----	7.1 -----
CSM2170	6.5 ----	6.8 -	7.0 -----
KWS Nestor	6.7 -----	7.1 -----	7.0 -----
KXB3303	6.6 -----	7.1 -----	6.9 -----
KXB3901	6.7 -----	6.9 -----	7.0 -----
RGT Cinexx	6.5 -----	6.8 -	6.8 ----
P 8057	6.6 -----	7.0 -----	7.0 -----
Gottardo KWS	6.5 -----	6.8 -	7.0 -----
Cathy	6.5 -----	6.9 ---	6.9 -----
-Bezugsgrösse(n)	6.7 -----	6.9 ----	6.9 -----
Versuchs-Mittel	6.5 -----	6.9 -----	6.9 -----
VK [%]	2.1	1.7	2.1
KGD (5%)	0.2	0.2	0.2
KGD (1%)	0.3	0.3	0.3
Versuchs-Streuung	0.1	0.1	0.1
FG Fehlerterm	54.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	6.6 -	5.5 -	7.2 --	6.2 -----	6.5 --
Tiago	6.7 ----	6.1 -----	7.5 -----	6.0 ----	6.4 -
Poya	6.8 ----	5.9 ----	7.7 -----	6.5 -----	6.6 ----
Ampezzo	7.0 -----	5.9 ----	7.5 -----	6.6 -----	7.0 -----
LG 30.222	6.9 -----	6.3 -----	7.5 -----	6.1 ----	6.8 -----
Schobbi CS	6.9 -----	6.3 -----	7.7 -----	6.7 -----	6.6 ----
DKC 3333	6.9 -----	5.6 --	7.7 -----	6.4 -----	6.8 -----
SY Tivio	7.0 -----	6.3 -----	7.5 -----	6.8 -----	6.8 -----
SY Tribore	6.8 ----	6.0 ----	7.5 -----	6.0 ----	6.8 -----
KXB2007	7.0 -----	6.4 -----	7.5 -----	6.5 -----	7.1 -----
P7524	6.6 ---	5.8 ----	7.2 ---	5.8 --	6.6 ----
P7631	7.1 -----	6.5 -----	7.6 -----	6.4 -----	7.1 -----
Lidano	6.7 ----	5.9 ----	7.4 ----	5.7 -	6.9 -----
ES Scorpion	6.5 -	5.4 -	7.0 -	5.9 --	6.8 -----
ES Cluedo	6.8 ----	6.4 -----	7.4 ----	6.2 ----	6.9 -----
GL 13108	6.9 -----	6.4 -----	7.3 ---	6.3 ----	6.9 -----
EM3238	7.0 -----	5.9 ----	7.3 ---	6.4 -----	7.0 -----
Cebesto	6.6 --	5.9 ----	7.2 --	5.9 ---	6.5 --
LZM163/74	6.8 ----	5.5 -	7.5 -----	6.4 -----	6.8 -----
P7883	6.6 ---	6.1 ----	7.2 ---	5.7 -	6.6 ----
CSM1168	6.9 -----	6.3 -----	7.8 -----	6.5 -----	6.7 ----
CSM2152	7.0 -----	6.5 -----	7.5 -----	6.7 -----	6.9 -----
CSM2170	6.8 ----	6.6 -----	7.3 ----	5.8 --	6.7 ----
KWS Nestor	7.0 -----	6.0 ----	7.8 -----	6.1 ----	7.0 -----
KXB3303	7.0 -----	6.3 -----	7.2 ---	6.7 -----	6.9 -----
KXB3901	6.8 ----	5.9 ----	7.4 ----	6.2 ----	6.8 -----
RGT Cinexx	6.7 ---	5.9 ----	7.2 ---	6.1 ----	6.6 ----
P 8057	6.9 -----	6.4 -----	7.5 -----	6.3 -----	6.7 ----
Gottardo KWS	7.0 -----	6.5 -----	7.4 ----	6.7 -----	7.0 -----
Cathy	6.8 ----	5.8 ----	7.6 -----	6.4 -----	6.7 ----
-Bezugsgrösse(n)	6.9 -----	6.1 -----	7.6 -----	6.6 -----	6.8 -----
Versuchs-Mittel	6.8 -----	6.1 -----	7.4 -----	6.3 -----	6.8 -----
VK [%]	3.8	6.8	2.5	5.4	3.0
KGD (5%)	0.2	0.7	0.3	0.6	0.3
KGD (1%)	0.2	ns	0.4	0.7	0.4
Versuchs-Streuung	0.3	0.4	0.2	0.3	0.2
FG Fehlerterm	400.0	58.0	56.0	58.0	58.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	13.6	29	7.11 ***	1.50	0.0000
Anbauorte	144.6	6	364.23 ***	2.12	0.0000
WW Verf.*Anb.Orte	17.4	174	1.51 ns	1.23	
Fehler	26.5	400			
Insgesamt	202.1	609			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Fabregas	6.6 ---	7.2 ---	6.8 -
Tiago	6.4 -	7.2 ---	7.2 -----
Poya	6.6 ---	7.2 ---	7.0 ----
Ampezzo	7.0 -----	7.3 ----	7.4 -----
LG 30.222	6.8 -----	7.2 ---	7.2 -----
Schobbi CS	6.8 -----	7.2 ----	7.1 ----
DKC 3333	6.7 -----	7.5 -----	7.4 -----
SY Tivio	6.7 -----	7.3 -----	7.3 -----
SY Tribore	6.8 -----	7.2 ----	7.3 -----
KXB2007	7.0 -----	7.5 -----	7.4 -----
P7524	6.7 -----	7.4 -----	7.0 ----
P7631	6.9 -----	7.6 -----	7.5 -----
Lidano	6.7 ----	7.2 ---	7.2 -----
ES Scorpion	6.6 --	7.1 -	6.9 --
ES Cluedo	6.7 ----	7.1 --	7.2 -----
GL 13108	6.6 ----	7.5 -----	7.5 -----
EM3238	7.1 -----	7.4 -----	7.5 -----
Cebesto	6.6 ---	7.1 -	7.0 ---
LZM163/74	6.9 -----	7.3 ----	7.2 -----
P7883	6.7 ----	7.1 --	7.1 ----
CSM1168	6.7 ----	7.3 -----	7.1 ----
CSM2152	6.8 -----	7.3 -----	7.5 -----
CSM2170	6.7 ----	7.0 -	7.3 -----
KWS Nestor	7.0 -----	7.6 -----	7.3 -----
KXB3303	6.8 ----	7.5 -----	7.2 -----
KXB3901	6.9 -----	7.3 ----	7.3 -----
RGT Cinexx	6.7 ----	7.1 --	7.1 ----
P 8057	6.8 -----	7.4 -----	7.4 -----
Gottardo KWS	6.8 -----	7.1 --	7.3 -----
Cathy	6.8 -----	7.2 ----	7.2 -----
-Bezugsgrösse(n)	6.9 -----	7.3 ----	7.2 -----
Versuchs-Mittel	6.8 -----	7.3 ----	7.2 -----
VK [%]	2.6	2.2	2.7
KGD (5%)	0.3	0.3	0.3
KGD (1%)	0.4	0.3	0.4
Versuchs-Streuung	0.2	0.2	0.2
FG Fehlerterm	54.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	148.1 ----	99.6 -	155.3 -----	115.9 ----	175.3 -----
Tiago	146.4 ----	122.4 -----	146.9 --	109.5 ---	162.2 ---
Poya	142.6 --	105.1 ---	159.8 -----	114.7 ----	153.2 -
Ampezzo	149.0 -----	106.3 ---	152.6 ----	126.8 -----	165.9 ----
LG 30.222	149.6 ----	113.4 ----	159.4 -----	108.8 ---	170.3 ----
Schobbi CS	157.5 -----	125.7 -----	163.1 -----	132.0 -----	159.6 --
DKC 3333	149.2 ----	105.4 ---	162.9 -----	126.8 -----	173.0 ----
SY Tivio	160.4 -----	118.6 ----	164.1 -----	139.8 -----	179.7 -----
SY Tribore	146.1 ----	109.6 ----	154.1 ----	101.5 -	174.3 ----
KXB2007	157.7 -----	136.3 -----	153.9 ----	115.4 ----	177.9 ----
P7524	152.8 -----	106.7 ---	162.2 -----	109.9 ---	179.7 ----
P7631	151.1 -----	117.6 ----	154.8 ----	104.3 -	177.0 ----
Lidano	146.8 ----	98.9 -	160.1 -----	101.9 -	182.7 -----
ES Scorpion	158.5 -----	108.9 ----	156.6 ----	123.8 ----	194.9 -----
ES Cluedo	152.0 ----	111.4 ----	154.4 ----	123.3 ----	188.7 ----
GL 13108	160.1 -----	136.8 -----	153.1 ----	121.2 ----	186.1 ----
EM3238	139.9 -	103.8 --	144.7 -	110.8 ---	163.9 ---
Cebesto	139.1 -	117.8 ----	147.3 --	106.0 --	158.4 --
LZM163/74	161.9 -----	103.2 --	161.4 -----	124.5 -----	181.2 ----
P7883	153.1 -----	97.4 -	150.7 ---	110.4 ---	185.0 -----
CSM1168	149.3 ----	115.4 ----	165.2 -----	115.1 ----	158.5 --
CSM2152	158.6 -----	126.7 -----	164.4 -----	125.9 -----	169.7 ----
CSM2170	147.9 ----	130.7 -----	145.4 -	101.0 -	169.3 ----
KWS Nestor	155.6 -----	106.5 ---	156.2 ----	109.8 ---	183.1 -----
KXB3303	155.2 -----	114.7 ----	154.5 ----	125.3 -----	178.7 ----
KXB3901	153.5 -----	110.9 ----	151.8 ---	112.1 ---	188.9 -----
RGT Cinexx	154.9 -----	125.5 -----	159.8 -----	124.9 -----	171.7 ----
P 8057	152.5 -----	114.7 ----	155.7 ----	110.4 ---	173.9 ----
Gottardo KWS	162.3 -----	128.8 -----	158.5 ----	127.6 -----	193.7 -----
Cathy	150.1 ----	105.2 ---	159.9 -----	129.4 -----	166.8 ----
-Bezugsgrösse(n)	153.3 -----	116.0 ----	157.9 -----	129.4 -----	162.8 ---
Versuchs-Mittel	152.1 -----	114.1 ----	156.3 -----	117.0 ----	174.8 -----
VK [%]	7.5	12.6	3.8	9.5	5.6
KGD (5%)	6.9	23.5	9.6	18.2	16.1
KGD (1%)	9.1	ns	12.8	24.2	21.4
Versuchs-Streuung	11.3	14.4	5.9	11.1	9.9
FG Fehlerterm	400.0	58.0	56.0	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	22798.6	29	6.12 ***	1.50	0.0000
Anbauorte	358674.5	6	465.57 ***	2.12	0.0000
WW Verf.*Anb.Orte	35394.6	174	1.58 ns	1.23	
Fehler	51360.2	400			
Insgesamt	468227.9	609			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Fabregas	172.9	-----	156.8	-----	160.6	----
Tiago	165.5	----	154.3	-----	164.4	----
Poya	159.5	---	148.4	---	157.6	---
Ampezzo	164.5	----	156.3	-----	170.8	-----
LG 30.222	176.4	-----	145.2	---	173.7	-----
Schobbi CS	182.6	-----	172.7	-----	167.0	-----
DKC 3333	159.9	---	151.8	----	164.7	----
SY Tivio	175.3	-----	163.9	-----	181.4	-----
SY Tribore	156.2	--	158.5	-----	168.7	-----
KXB2007	173.5	-----	167.6	-----	179.2	-----
P7524	168.6	-----	169.7	-----	172.8	-----
P7631	165.5	----	165.6	-----	173.0	-----
Lidano	164.0	----	151.6	----	168.5	-----
ES Scorpion	184.7	-----	166.3	-----	174.1	-----
ES Cluedo	179.8	-----	148.1	---	158.2	---
GL 13108	170.7	----	174.8	-----	178.1	-----
EM3238	159.0	--	136.3	-	160.5	----
Cebesto	151.1	-	145.7	---	147.5	-
LZM163/74	195.3	-----	175.7	-----	191.9	-----
P7883	179.0	-----	170.5	-----	178.8	-----
CSM1168	168.4	-----	163.1	-----	159.3	---
CSM2152	170.0	-----	169.7	-----	183.5	-----
CSM2170	174.8	-----	155.5	-----	158.6	---
KWS Nestor	175.5	-----	178.4	-----	179.5	-----
KXB3303	170.3	----	158.2	-----	184.9	-----
KXB3901	174.0	-----	156.0	-----	181.0	-----
RGT Cinexx	175.8	-----	163.7	-----	162.6	----
P 8057	168.4	-----	167.7	-----	176.8	-----
Gottardo KWS	182.7	-----	161.4	-----	183.3	-----
Cathy	166.9	----	161.5	-----	161.3	----
-Bezugsgrösse(n)	173.6	-----	164.5	-----	168.9	-----
Versuchs-Mittel	171.0	-----	160.5	-----	170.7	-----
VK [%]	6.3		7.2		7.9	
KGD (5%)	17.8		18.9		22.0	
KGD (1%)	23.7		25.1		ns	
Versuchs-Streuung	10.9		11.5		13.4	
FG Fehlerterm	54.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Fabregas	71.6 ----	30.9 -	75.4 ----	53.8 ----	86.1 ----
Tiago	67.0 -	40.9 ----	69.4 -	45.4 --	73.0 --
Poya	65.9 -	35.4 --	77.6 ----	48.3 ---	70.0 -
Ampezzo	68.6 --	35.4 --	73.3 ---	59.4 ----	72.4 --
LG 30.222	71.6 ----	41.6 ----	80.1 ----	47.1 ---	76.8 ---
Schobbi CS	77.0 ----	48.4 ----	82.9 ----	64.4 ----	71.4 -
DKC 3333	72.3 ----	35.2 --	80.6 ----	60.0 ----	78.3 ----
SY Tivio	79.6 ----	44.5 ----	83.0 ----	69.2 ----	84.6 ----
SY Tribore	71.1 ----	40.7 ----	77.9 ----	46.2 ---	79.3 ----
KXB2007	76.2 ----	52.6 ----	75.5 ----	56.4 ----	82.0 ----
P7524	66.6 -	31.4 -	74.9 ----	46.8 ---	73.3 --
P7631	73.1 ----	46.5 ----	76.5 ----	51.1 ----	82.9 ----
Lidano	68.3 --	34.3 --	81.9 ----	41.2 -	80.4 ----
ES Scorpion	74.1 ----	31.9 -	74.0 ---	57.1 ----	90.9 ----
ES Cluedo	73.6 ----	45.4 ----	76.9 ----	57.0 ----	90.1 ----
GL 13108	75.1 ----	56.2 ----	75.3 ---	49.3 ---	86.3 ----
EM3238	69.9 ---	40.7 ----	74.2 ---	55.5 ----	79.5 ----
Cebesto	66.2 -	46.0 ----	72.8 ---	48.2 ---	74.3 --
LZM163/74	77.9 ----	33.0 -	80.4 ----	56.1 ----	90.7 ----
P7883	75.0 ----	38.0 ---	74.5 ----	48.8 ----	89.2 ----
CSM1168	72.9 ----	46.4 ----	86.4 ----	50.1 ----	74.5 --
CSM2152	77.3 ----	53.3 ----	83.8 ----	57.5 ----	80.9 ----
CSM2170	70.9 ----	53.9 ----	73.4 ---	40.0 -	78.0 ----
KWS Nestor	78.8 ----	37.5 ---	81.8 ----	47.4 ---	91.3 ----
KXB3303	75.6 ----	48.6 ----	76.9 ----	57.5 ----	83.5 ----
KXB3901	72.7 ----	40.1 ----	74.9 ----	44.5 --	87.0 ----
RGT Cinexx	69.9 ---	41.0 ----	74.8 ----	46.0 ---	79.3 ----
P 8057	73.8 ----	42.1 ----	78.6 ----	48.7 ----	79.5 ----
Gottardo KWS	81.4 ----	53.1 ----	79.9 ----	59.0 ----	94.6 ----
Cathy	69.9 ---	31.7 -	80.3 ----	55.0 ----	78.0 ----
-Bezugsgrösse(n)	72.8 ----	41.9 ----	78.1 ----	61.9 ----	71.9 -
Versuchs-Mittel	72.8 ----	41.9 ----	77.6 ----	52.2 ----	81.3 ----
VK [%]	8.4	17.5	4.6	13.9	6.9
KGD (5%)	3.7	12.0	5.8	11.8	9.1
KGD (1%)	4.9	16.0	7.8	15.7	12.1
Versuchs-Streuung	6.1	7.3	3.6	7.2	5.6
FG Fehlerterm	400.0	58.0	56.0	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	10236.3	29	9.42 ***	1.50	0.0000
Anbauorte	179730.8	6	799.42 ***	2.12	0.0000
WW Verf.*Anb.Orte	14542.8	174	2.23 ***	1.23	0.0002
Fehler	14988.4	400			
Insgesamt	219498.3	609			

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
Fabregas	92.3 -----	82.2 ----	80.8 ----
Tiago	88.3 ----	73.4 --	78.5 ---
Poya	86.1 ----	70.4 -	73.5 -
Ampezzo	85.9 ----	73.2 --	80.8 ----
LG 30.222	95.1 -----	73.0 --	87.3 -----
Schobbi CS	96.5 -----	88.2 -----	86.9 -----
DKC 3333	90.1 -----	79.7 ----	82.5 ----
SY Tivio	96.6 -----	86.3 -----	92.6 -----
SY Tribore	86.9 ----	78.5 ----	88.5 -----
KXB2007	90.0 -----	82.0 -----	94.6 -----
P7524	83.9 ----	77.2 ---	79.0 ---
P7631	84.6 ----	82.9 -----	87.5 -----
Lidano	79.8 --	76.5 ---	84.2 -----
ES Scorpion	91.9 -----	82.2 -----	90.4 -----
ES Cluedo	88.0 ----	76.5 ---	81.3 ----
GL 13108	81.6 ---	87.3 -----	89.9 -----
EM3238	83.2 ---	71.2 -	85.3 -----
Cebesto	75.8 -	73.7 --	72.4 -
LZM163/74	100.6 -----	88.8 -----	95.6 -----
P7883	94.0 -----	86.7 -----	93.4 -----
CSM1168	87.3 ----	85.0 ----	80.8 ----
CSM2152	87.6 ----	85.5 ----	92.7 -----
CSM2170	91.1 -----	79.4 ----	80.2 ----
KWS Nestor	102.7 -----	96.4 -----	94.5 -----
KXB3303	89.2 ----	81.4 ----	92.4 -----
KXB3901	88.0 ----	81.6 ----	92.4 -----
RGT Cinexx	89.0 ----	81.3 ----	78.1 ---
P 8057	91.5 -----	87.1 -----	89.2 -----
Gottardo KWS	103.1 -----	84.1 ----	95.8 -----
Cathy	87.0 ----	77.7 ---	79.3 ----
-Bezugsgrösse(n)	91.2 -----	80.7 ----	83.8 ----
Versuchs-Mittel	89.6 -----	81.0 ----	86.0 -----
VK [%]	6.4	7.0	7.9
KGD (5%)	9.4	9.2	11.1
KGD (1%)	12.6	12.3	14.8
Versuchs-Streuung	5.8	5.6	6.8
FG Fehlerterm	54.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

3.2 Serie mittelfrüh

3.2.1 Standortangaben

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	Saattermin / date de semis	Erntetermin / date de récolte
1260	Changins	430	15.5.2014	15.09.2014
1376	Goumoens	622	22.5.2014	25.09.2014, für Auswertung nicht berücksichtigt
1567	Delley	514	20.5.2014	25.09.2014
1725	Grangeneuve	650	19.5.2014	15.10.2014, für Auswertung nicht berücksichtigt
3065	Habstetten	620	9.5.2014	6.10.2014
5643	Alikon	475	22.4.2014	26.09.2014
8046	Reckenholz	440	20.5.2014	10.10.2014
8193	Eglisau	390	6.5.2014	19.09.2014
8566	Ellighausen	517	25.4.2014	25.09.2014

3.2.2 Sorten/Status

Name	Synonym	Hybrid Typ	Züchter	Vertreter	KM	SM
Ceresia	DSP 37247	SC	DSP / CH	DSP, Delley		SM11/S
Geoxx	RH08023	SC	R2n, RAGT	Fenaco, Moudon		SM11/S
LG 30.224	LZM260/58	SC	Limagrain / Europe	Fenaco, Moudon		SM11/S
ES Albatros	ES Albatros	SC	Euralis / F	Euralis	KM11/S	SM11/S
P8025	X80A397	SC	Pioneer	Pioneer, Manno		SM11/S
LZM 162/73	LZM 162/73	SC	Limagrain / Europe	Fenaco, Moudon		SM11/e2
LZM 162/51	LZM 162/51	SC	Limagrain / Europe	Fenaco, Moudon	KM11/e2	SM11/e2
DKC 3440	EM3451	SC	Monsanto, USA	Monsanto, Morges		SM11/e2
SY Amboss	SA1051	SC	Syngenta	Syngenta, Dielsdorf		SM11/e2
SY Pracht	SB1521	SC	Syngenta	Syngenta, Dielsdorf	KM21/e2	SM11/e2
Trianon	KXB1302	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e2
KXB2301	KXB2301	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e2
KXB2329	KXB2329	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e2
P8200	X75B142	SC	Pioneer	Pioneer, Manno		SM11/e2
Xxilo	RH09086	TC	RAGT, Rodez	Fenaco, Moudon		SM11/e2
Suvitan	DSP40273		DSP, Delley	DSP, Delley		SM11/2.
Coditank	CSM1161	SC	Caussade Semence	Fenaco, Moudon		SM11/e2
Maxlat	DSP44602	SC	CD Seeds Sarl	Hauenstein, Rafz		SM11/e1
Farmfire	SM B0495	SC	Saatzucht Moreau	Samen Steffen		SM11/e1
Sorte xy						SM11/e1
NIKLAS		TC	Limagrain / Europe	Hauenstein, Rafz		SM11/e1
SY Talisman	SA1002	SC	Syngenta	Syngenta, Dielsdorf	KM11/e1	SM11/e1
SL10271	SL10271	SC	Saatbau Linz	?		SM11/e1
P7859	X75C774	TC	Pioneer	Pioneer, Manno	KM11/e1	SM11/e1
KXB3012	KXB3012	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM11/e1
Amadeo	KX 2030	SC	KWS / D	KWS Suisse SA, Basel		SM11/T
LG 30.218	LZM 157/72	SC	Limagrain / F	Fenaco, Moudon		SM11/T
LG 30.223	LZM 159/51	SC	Limagrain / F	Fenaco, Moudon		SM11/T
Colisée	KXA 9306	TC	KWS / D	KWS Suisse SA, Basel		SM11/T
Millesim	KXA 9331	SC	KWS / D	KWS Suisse SA, Basel		SM11/T
Fox	DSP38871	SC	DSP / CH	DSP, Delley		SM11/T
Messago	LZM159/77	TC	Limagrain / Europe	Hauenstein, Rafz		SM11/T
ES Tarock	ESZ1205	SC	Euralis / F	Euralis		SM11/T
Gottardo KWS	KXB1157	SC	KWS / D	KWS Suisse SA, Basel	KM21/T	SM11/T
DKC 3531	EL3445	SC	Monsanto	Monsanto, Morges		SM11/T
Pentexx	RH10081	SC	R2n, RAGT	Fenaco, Moudon		SM11/T

3.2.3 Standorteigenschaften und Bewirtschaftungsmassnahmen

Technische Versuchsangaben / données techniques / technical information							
Standort / lieu / site:	Nyon (430 m ü.M.)	Delley (500 m ü.M.)	Habstetten (620 m ü.M.)	Alikon (475 m ü.M.)	Zürich- Affoltern (450 m ü.M.)	Eglisau (392 m ü.M.)	Ellighausen (517 m ü.M.)
Bodenart / type de sol / soil type:	limoneux	Moyen	sandiger Lehm	2-4.9% Humus, 20-30% Ton, schwach humoser Schlufflehm; pH 7.0	sandiger Lehm (Humus 2.1%, Ton 20.2%, Schluff 29.8%, Sand 47.9%), pH 7.3		Humus 4.2% Ton 22.7% Schluff 33.5% Sand 25.7%, pH 7.2
Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):		399.8 mm 1477.6 °C			487 mm 1528.5°C	531 mm 1558.6°C, Station Wil (ZH)	631 mm 1299.1°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, 10 m2 netto	8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 4 lignes	2reihig, mit 0.8m Weg, 10 m2 netto	4reihig, 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:	Winterweizen + Gündüngung ohne Leguminosen / blé d'automne + engrais vert sans légumineuses	SM11: Soja	Körnermais / maïs grain / grain maize	Wintergerste, Klee gras (Zwischenfutter)	Zuckerrüben / bettrave à sucre / sugar beet	Winterweizen, Zwischenfutter SM106	Winterweizen, Wintertriticale
Bodenbearbeitung / travail du sol / soil cultivation:	Pflug / charrue / plough (Nov 13); vibroculteur (Apr / avr); Kreiselegge / herse rotative / rotary harrow (Mai / mai / may)	03.04.14 labour, 16.05.14 herse rotative	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Streifenfräse / bands fraisés / strip band tillage (22.4.14)	13.11.13 (Grubber, cultivateur, chisel plow), 16.4.14 + 20.5.14 (Kreiselegge, herse rotative, rotary harrow)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow (05./12. Mai / may / may)	Pflug / charrue / plough (14. Feb / fev) , Kreiselegge / herse rotative / rotary harrow (24. Apr / avr)
Saat / date de semis / sowing date:	15.05.2014	20.05.2014	09.05.2014	22.04.2014	20.05.2014	06.05.2014	25.04.2014
Ernte / date de récolte / harvest date:	15.9.14	25.09.14	6.10.14	26.09.2014	10.10.2014	19.09.2014	25.9.14

Standort / lieu / site:	Nyon (430 m ü.M.)	Delley (500 m ü.M.)	Habstetten (620 m ü.M.)	Alikon (475 m ü.M.)	Zürich- Affoltern (450 m ü.M.)	Eglisau (392 m ü.M.)	Ellighausen (517 m ü.M.)
Saatdichte / densité de semis / sowing density:	10.0 Körner / grains pro m2	Semis: 13.2 grains pro m2, éclaircit à 10 plantes/m2	10.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2
Vegetationsdauer / durée de vegetation / growing period	123 Tage / jours / days	129 Tage / jours / days	150 Tage / jours / days	157 Tage / jours / days	143 Tage / jours / days	136 Tage / jours / days	153 Tage / jours / days
Reihenabstand / interlignes / row distance:	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm	75 cm
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	keine / rien / nothing	keine / rien / nothing	keine / rien / nothing	keine / rien / nothing	2 x hacken Nachauflauf zwischen den Reihen / sarclage (après la levée) entre les lignées / hoeing after emergence in between rows (5.6.14, 23.6.14)	keine / rien / nothing	keine / rien / nothing
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Banvel 4S 0.5l, Callisto 0.75 l, Garda Gold 4l (3.6.14)	19.06.2014 (5 à 6 feuilles): Laudis 2L/ha + Aspect 1.5 L/ha	3.6.14: Calaris 1.5l, Dual Gold 1.2l	16.4.14: Glyphosat 360 4.1l, checkpoint 0.25 l; 16.4.14: Andil 0.4l, Dual 0.5l, Arigo 300g	Andil 1.3kg, Dasul 1.3l, Mikado 1.95l (20.6.14); Banvel M 0.03l (18.7.14) Einzelbehandlung Winden, plants individuels liseron, individual plants field bindweed	23.05.14: 4 l/ha Garda Gold; 0.8 l/ha Calisto; 0.8 l/ha Dasul	Andil (1kg), Midado (1.5l), Dasul (1l): 8.5.14
Grunddüngung / fumure de base / basic fertilisation:	48 kg P 72 kg K (Landor 0.20.30): April 14	04.12.13 5000kg/ha chaux d'Aarberg, 05.12.13 100kg/ha Potasse granulée 60%	120 kg K / ha, 57.6 kg P / ha	-	22.4.14: 69 kg P2O5 / ha (Triple Superphosphat)	-	-
N-Düngung / fumure N / N fertilisation:	Mg-Ammonsalpeter 27% 50 kg N / ha (15.5.14), Urée 46% 73.6 kg N / ha (3.6.14)	22.5.14 Nitrate 24% Mg+S 79U, 19.6.14 Urée granulée 78U	28.5.14: Ammonsalpeter 27% 40.5 kg / ha; Harnstoff 46% 82.8 kg N / ha	Ammonsalpeter 27.5% 41.25 kg N / ha (22.4.14); Harnstoff 46 kg N / ha (25.4.14); Schweingülle 57 kg N / ha (25.4.14); Schweingülle 42.5 kg N / ha (18.5.14)	5.6.14: 36.7 kg N / ha (Harnstoff), 23.6.14: 82.7 kg N / ha (Harnstoff) zur Reihe / près de la ligne / to the row	21.05.14: 91 kg/ha N (Harnstoff) ; 10.06.14: 91 kg/ha N (Harnstoff)	Ammonsalpeter 65 kg N / ha (23.4.14); Harnstoff 75 kg N / ha (10.5.14)
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Ensileuse	Baural Maishäcksler / ensileuse	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler

3.2.4 Index

Sorte	Status	VOS	Ertrag	Reife	Jugendentwi.	Wurzellag. Veg.	Wurzellag. E.	Stängelbr. E.	Beulenbr.	Oekon. Index	Agron. Index	Gesamtindex
SY Amboss	e2	-0.32	4.72	3.12	0.05	0.00	0.35		-0.59	4.40	2.92	7.32
Gottardo KWS	T	3.95	-3.08	1.31	0.13	0.00	1.49		-0.40	0.86	2.53	3.39
Colisee	T	4.96	-5.46	1.95	0.21	0.00	1.49		-0.80	-0.49	2.85	2.36
LZM 162/51	e2	5.05	-3.56	-0.46	0.20	0.00	0.62		0.04	1.49	0.39	1.88
ES Albatros	S	-0.85	2.94	0.24	-0.01	0.00	-0.79		0.02	2.09	-0.54	1.55
KXB2301	e2	5.27	-6.78	1.82	-0.04	0.00	0.67		-0.31	-1.51	2.15	0.64
LZM 162/73	e2	0.54	-0.55	1.24	-0.08	-0.06	-0.30		-0.51	-0.01	0.28	0.27
LG 30.223	T	2.47	-4.95	0.93	-0.09	0.00	0.97		-0.05	-2.48	1.76	-0.71
KXB2329	e2	1.69	-3.81	0.85	0.13	0.00	0.56		-0.36	-2.11	1.18	-0.93
P8025	S	0.85	-2.94	-0.24	0.01	0.00	0.79		-0.02	-2.09	0.54	-1.55
SA1002	e1	0.63	-2.29	0.40	0.10	-0.14	-0.15		-0.48	-1.66	-0.27	-1.93
SY Pracht	e2	0.41	-4.53	0.72	-0.07	0.00	1.40		-0.19	-4.11	1.87	-2.25
LG 30.224	S	4.32	-6.79	-0.39	-0.14	-0.04	0.70		0.08	-2.47	0.21	-2.26
P7859	e1	-1.27	-1.49	-0.33	0.04	0.00	1.24		-0.97	-2.76	-0.03	-2.78
Amadeo	T	6.50	-13.35	3.00	0.10	-0.04	0.93		-0.32	-6.85	3.67	-3.18
DKC 3531	T	3.67	-5.34	-1.48	-0.38	-0.08	-0.51		0.00	-1.67	-2.45	-4.12
Fox	T	0.12	-3.78	-1.36	0.17	-0.08	1.13		-0.39	-3.66	-0.53	-4.19
LG 30.218	T	1.90	-6.80	-0.03	-0.08	0.00	0.67		-0.04	-4.89	0.53	-4.37
Coditank	e2	-1.81	-6.54	3.04	-0.20	-0.02	1.24		-0.23	-8.35	3.82	-4.53
Messago	T	0.79	-6.85	0.10	-0.05	-0.06	1.04		-0.10	-6.06	0.94	-5.12
SL10271	e1	-3.71	1.70	0.45	0.19	0.00	-2.56		-1.28	-2.01	-3.20	-5.21
Maxlat	e1	0.11	-6.13	-0.07	0.01	-0.06	0.33		-0.49	-6.02	-0.28	-6.30
Ceresia	S	-0.63	-6.39	-0.28	-0.03	-0.02	1.13		-0.15	-7.03	0.66	-6.36
Farmfire	e1	-0.24	-2.79	0.24	-0.06	-0.60	-3.12		-0.01	-3.03	-3.55	-6.58
Millesim	T	3.41	-10.92	-0.05	0.00	-0.02	1.14		-0.60	-7.51	0.46	-7.05
DKC 3440	e2	-1.77	-6.10	-0.12	-0.21	-0.02	1.15		-0.07	-7.86	0.73	-7.13
Trianon	e2	1.18	-9.87	0.97	-0.21	0.00	0.85		-0.15	-8.68	1.45	-7.23
KXB3012	e1	-2.01	-5.79	-0.11	-0.02	-0.07	0.78		-0.32	-7.80	0.25	-7.55
ES Tarock	T	0.22	-8.11	-0.57	-0.11	0.00	0.97		-0.29	-7.88	0.00	-7.88
Pentexx	T	0.42	-6.24	-1.70	-0.02	-0.02	-0.88		-0.07	-5.82	-2.70	-8.51
Suvitan	2	-1.43	-1.90	-1.47	0.03	-0.34	-3.85		-0.14	-3.33	-5.77	-9.10
Niklas	e1	-4.85	-4.03	0.51	0.02	0.00	-0.69		-0.47	-8.88	-0.62	-9.50
P8200	e2	-8.12	-3.10	-0.04	0.03	-0.04	1.10		-0.42	-11.22	0.63	-10.59
Xxilo	e2	-8.97	-0.01	-1.15	0.15	-0.25	-2.12		-0.14	-8.97	-3.52	-12.49
Geoxx	S	-3.42	-5.47	-1.55	0.01	-0.06	-2.94		-0.03	-8.89	-4.57	-13.45
Sorte xy	e1	0.98	-22.90	-3.60	-0.47	-0.43	-1.51		-0.27	-21.92	-6.27	-28.19
Bezugsgrösse(n)		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
Anz. Beob.		18.00	21.00	21.00	21.00	3.00	6.00	0.00	15.00			
Anz. Orte		6.00	7.00	7.00	7.00	1.00	2.00	0.00	5.00			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.2.5 Zusammenfassung

Sorten Bezeichnung	Jugend ent- wicklg Note	allg. Eindruck Note	Helmin. thosp. Note	Pflanzen hoehe cm	Kolben ansatz hoehe cm	VOS g/kg TS g.Pfl. NIR	Staerke g/kg TS g.Pfl. NIR	Rohfaser g/kg TS NIR
Ceresia	3.2	4.2	1.0	268	114	720.9	348	175
Geoxx	3.1	4.3	1.0	278	119	712.8	343	177
LG 30.224	3.4	2.8	1.0	253	114	735.4	361	169
ES Albatros	3.2	4.1	1.1	281	123	720.3	358	174
P8025	3.1	5.5	1.0	264	117	725.2	369	174
LZM 162/73	3.3	4.3	1.2	264	111	724.3	337	173
LZM 162/51	2.7	1.7	1.1	272	125	737.5	385	166
DKC 3440	3.6	1.6	1.0	268	102	717.6	356	173
SY Amboss	3.1	4.3	1.0	278	125	721.8	359	169
SY Pracht	3.3	3.0	1.1	265	123	724.0	353	173
Trianon	3.6	4.0	1.0	266	107	726.2	361	170
KXB2301	3.2	4.3	1.0	259	108	738.1	374	167
KXB2329	2.9	4.0	1.0	266	115	727.7	361	169
P8200	3.1	2.9	1.0	271	120	699.1	344	182
Xxilo	2.9	4.4	1.0	287	124	696.6	333	183
Suvitan	3.1	5.6	1.0	281	115	718.6	348	175
Coditank	3.6	4.1	1.1	271	110	717.5	359	176
Maxlat	3.1	4.4	1.1	272	122	723.1	357	172
Farmfire	3.3	5.8	1.1	275	123	722.1	350	174
Sorte xy	4.1	4.8	1.1	276	110	725.6	368	167
Niklas	3.1	5.0	1.5	272	118	708.6	343	180
SA1002	3.0	2.7	1.0	276	118	724.6	360	173
SL10271	2.8	4.9	1.1	284	117	711.9	332	175
P7859	3.1	5.1	1.0	280	121	719.0	352	175
KXB3012	3.2	4.8	1.1	268	113	716.9	367	177
Amadeo	3.0	3.1	1.2	257	107	741.7	389	163
LG 30.218	3.3	4.1	1.0	243	111	728.3	371	170
LG 30.223	3.3	2.3	1.0	250	106	730.0	359	170
Colisee	2.7	3.8	1.0	265	117	737.2	377	167
Millesim	3.2	2.0	1.2	256	103	732.7	375	167
Fox	2.8	2.5	1.2	275	119	723.1	347	175
Messago	3.2	3.1	1.2	251	115	725.1	363	174
ES Tarock	3.4	3.0	1.1	270	112	723.4	343	171
Gottardo KWS	2.9	3.3	1.0	267	106	734.3	374	171
DKC 3531	3.9	3.4	1.0	266	109	733.4	348	169
Pentexx	3.2	4.6	1.0	267	108	724.0	341	174
Bezugsgrösse(n)	3.2	4.8	1.0	272	120	722.7	363	174
Versuchs-Mittel	3.2	3.8	1.1	268	115	723.6	357	173
VK [%]	16.8	32.6	21.2	3	6	2.3	6	5
KGD (5%)	0.3	2.0		8	7	10.8	14	6
KGD (1%)	0.4	2.7		11	9	14.2	18	7
Versuchs- Streuung	0.5	1.2	0.2	9	7	16.5	21	9
FG Fehlerterm	385.0	55.0	110.0	165	180	375.0	375	360
Anz. Beob.	21.0	3.0	6.0	9	9	18.0	18	18
Anz. Orte	7.0	1.0	3.0	3	3	6.0	6	6
Minimum	2.7	1.6	1.0	243	102	696.6	332	163
Maximum	4.1	5.8	1.5	287	125	741.7	389	183

Sorten Bezeichnung	NDF g/kg TS NIR	Rohprot. g/kg TS NIR	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	Wurzel lager Veg. %	Wurzel lager Ernte %	Beulen brand %
Ceresia	373	69	639.9	217.8	34.1	0.5	0.0	1.1
Geox	385	66	666.6	219.7	33.1	1.6	19.0	0.4
LG 30.224	374	67	638.9	217.0	34.0	1.0	2.0	-0.2
ES Albatros	383	67	685.8	236.5	34.5	0.0	9.0	0.2
P8025	369	68	657.3	224.7	34.1	0.0	1.6	0.4
LZM 162/73	393	65	651.8	229.5	35.3	1.6	6.7	3.1
LZM 162/51	362	70	657.7	223.5	33.9	0.0	2.4	0.1
DKC 3440	383	66	640.8	218.4	34.2	0.5	-0.1	0.7
SY Amboss	384	65	653.0	240.0	36.8	0.0	3.7	3.6
SY Pracht	397	62	636.1	221.5	34.9	0.0	-1.2	1.3
Trianon	368	67	602.1	210.9	35.1	0.0	1.3	1.1
KXB2301	368	65	606.2	217.0	35.8	0.0	2.2	2.0
KXB2329	364	69	640.1	223.0	35.0	0.0	2.7	2.3
P8200	395	67	651.4	224.4	34.3	1.2	0.2	2.6
Xxilo	399	65	690.9	230.6	33.4	7.0	15.2	1.1
Suvitan	384	65	686.2	226.8	33.1	9.4	23.2	1.0
Coditank	380	67	594.6	217.5	36.7	0.5	-0.5	1.6
Maxlat	379	69	638.6	218.3	34.2	1.8	3.7	3.0
Farmfire	382	68	654.0	225.0	34.5	16.7	19.8	0.3
Sorte xy	356	70	587.9	184.8	31.4	11.9	12.3	1.8
Niklas	387	67	641.8	222.5	34.7	0.0	8.5	2.9
SA1002	384	66	655.8	226.0	34.6	3.8	6.0	3.0
SL10271	384	66	674.5	234.0	34.7	0.0	17.2	7.4
P7859	383	66	668.5	227.6	34.0	0.0	-0.5	5.7
KXB3012	372	69	639.4	219.0	34.2	2.1	1.7	2.1
Amadeo	358	68	555.8	203.9	36.7	1.1	0.9	2.0
LG 30.218	368	66	634.9	217.0	34.3	0.0	2.1	0.5
LG 30.223	379	66	630.8	220.7	35.0	0.0	0.7	0.6
Colisee	360	68	613.8	219.7	35.9	0.0	-1.7	4.7
Millesim	362	68	610.3	208.8	34.3	0.6	0.0	3.6
Fox	372	67	676.8	223.0	33.2	2.2	0.0	2.5
Messago	381	67	631.9	216.9	34.4	1.6	0.4	0.8
ES Tarock	367	73	633.5	214.4	33.8	0.0	0.8	1.9
Gottardo KWS	380	66	635.4	224.4	35.3	0.0	-1.7	2.5
DKC 3531	367	70	667.0	219.9	33.1	2.2	7.7	0.3
Pentexx	378	68	662.4	218.1	32.9	0.6	9.4	0.7
Bezugsgrösse(n)	376	68	671.6	230.6	34.3	0.0	5.3	0.3
Versuchs-Mittel	377	67	642.0	220.6	34.4	1.9	4.9	1.9
VK [%]	5	4	6.1	6.1	3.9	185.6	169.1	119.5
KGD (5%)	12	2	23.8	8.2	0.8	5.7	9.4	1.6
KGD (1%)	16	2	31.3	10.8	1.1	7.6	12.4	2.2
Versuchs- Streuung	18	2	39.2	13.5	1.3	3.5	8.2	2.3
FG Fehlerterm	360	360	399.0	429.0	445.0	70.0	125.0	320.0
Anz. Beob.	18	18	21.0	21.0	21.0	3.0	6.0	15.0
Anz. Orte	6	6	7.0	7.0	7.0	1.0	2.0	5.0
Minimum	356	62	555.8	184.8	31.4	0.0	-1.7	-0.2
Maximum	399	73	690.9	240.0	36.8	16.7	23.2	7.4

Sorten	Eff.	relat.	Saat -	Mais-	NEL	NEV	VOS-	Stärke-
Bezeichnung	Best. dichte Pfl./m2	Kolben hoehe %	weibl. Blutee Tage	zuensler %	MJ/kg TS	MJ/kg TS	Ertrag dt/ha	ertrag dt/ha
Ceresia	9.7	43	76	12.1	6.6	6.8	154.9	74.7
Geox	9.5	43	76	8.1	6.5	6.7	155.8	74.8
LG 30.224	9.9	45	75	10.8	6.7	7.0	158.0	77.4
ES Albatros	9.6	44	75	5.8	6.6	6.8	171.1	85.1
P8025	9.7	44	76	6.7	6.6	6.9	160.3	81.7
LZM 162/73	9.7	42	74	7.5	6.6	6.9	165.1	77.0
LZM 162/51	9.6	46	75	12.0	6.8	7.1	162.5	84.8
DKC 3440	9.7	38	77	6.0	6.5	6.8	155.2	77.1
SY Amboss	9.9	45	76	8.6	6.6	6.8	171.3	84.8
SY Pracht	9.4	46	75	6.1	6.6	6.9	157.5	77.4
Trianon	9.9	40	73	9.1	6.6	6.9	151.4	75.2
KXB2301	10.1	41	72	9.9	6.8	7.1	157.9	79.7
KXB2329	9.8	43	73	7.9	6.7	6.9	159.3	79.1
P8200	9.7	44	75	6.1	6.3	6.5	154.3	76.1
Xxilo	9.6	43	75	6.0	6.3	6.5	157.5	75.2
Suvitan	9.6	41	76	6.3	6.6	6.8	162.5	78.8
Coditank	9.7	40	76	10.2	6.5	6.8	154.9	77.6
Maxlat	9.8	45	76	2.8	6.6	6.9	154.0	76.1
Farmfire	9.6	45	74	8.2	6.6	6.8	159.0	77.1
Sorte xy	7.6	40	77	7.7	6.6	6.9	133.2	67.5
Niklas	9.7	43	74	10.8	6.4	6.7	156.1	75.7
SA1002	9.7	43	76	6.9	6.6	6.9	161.2	80.9
SL10271	9.6	42	76	4.1	6.5	6.7	164.5	76.6
P7859	10.1	44	75	5.9	6.6	6.8	162.0	79.4
KXB3012	9.9	42	73	13.1	6.5	6.8	155.6	79.8
Amadeo	9.6	42	72	12.5	6.8	7.1	148.1	77.5
LG 30.218	9.5	46	75	1.3	6.7	6.9	156.6	79.8
LG 30.223	9.6	42	74	3.1	6.7	7.0	160.2	78.7
Colisee	9.8	44	72	8.5	6.8	7.1	159.0	81.2
Millesim	9.9	40	72	12.6	6.7	7.0	149.9	76.6
Fox	9.6	43	75	4.0	6.6	6.9	158.8	76.5
Messago	9.6	46	74	7.7	6.6	6.9	154.8	77.3
ES Tarock	9.1	42	74	12.3	6.6	6.9	153.1	72.4
Gottardo KWS	10.1	39	73	8.3	6.7	7.0	162.7	82.8
DKC 3531	9.5	41	76	7.5	6.7	7.0	159.8	75.9
Pentexx	9.2	41	75	14.8	6.6	6.9	157.6	74.1
-Bezugsgrösse(n)	9.6	44	75	6.2	6.6	6.9	165.7	83.4
Versuchs-Mittel	9.6	43	75	8.1	6.6	6.9	157.7	77.8
VK [%]	5.0	6	2	50.4	2.8	3.4	6.9	8.6
KGD (5%)	0.3	2	1	6.7	0.1	0.2	7.1	4.4
KGD (1%)	0.4	3	2		0.2	0.2	9.3	5.8
Versuchs-Streuung	0.5	3	1	4.1	0.2	0.2	10.8	6.7
FG Fehlerterm	430.0	180	165	55.0	390.0	375.0	374.0	359.0
Anz. Beob.	21.0	9	9	3.0	18.0	18.0	18.0	18.0
Anz. Orte	7.0	3	3	1.0	6.0	6.0	6.0	6.0
Minimum	7.6	38	72	1.3	6.3	6.5	133.2	67.5
Maximum	10.1	46	77	14.8	6.8	7.1	171.3	85.1

3.2.6 Details

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Ceresia	3.2 ----	3.0 ---	3.1 ----	4.6 -----	3.0 ----
Geox	3.1 ----	4.1 -----	2.9 ----	4.0 -----	2.6 ----
LG 30.224	3.4 -----	4.0 -----	4.1 -----	4.0 ----	3.3 -----
ES Albatros	3.2 ----	4.0 -----	3.3 ----	4.0 ----	3.1 ----
P8025	3.1 ----	4.0 -----	3.5 -----	4.7 -----	2.5 ----
LZM 162/73	3.3 -----	3.9 -----	2.9 ----	5.0 -----	3.0 ----
LZM 162/51	2.7 -	4.4 -----	1.3 -	5.0 -----	1.7 --
DKC 3440	3.6 -----	3.4 ----	4.1 -----	4.0 ----	3.4 -----
SY Amboss	3.1 ---	4.1 -----	2.5 ---	5.0 -----	2.6 ----
SY Pracht	3.3 -----	4.3 -----	2.6 ---	4.7 -----	3.4 -----
Trianon	3.6 -----	3.8 ----	4.2 -----	4.0 ----	3.3 -----
KXB2301	3.2 ----	4.0 -----	3.6 -----	5.0 -----	2.7 ----
KXB2329	2.9 --	3.9 -----	1.9 --	5.0 -----	2.0 ---
P8200	3.1 ---	3.1 ---	2.8 ----	4.3 -----	2.7 ----
Xxilo	2.9 -	3.6 -----	2.2 ---	4.0 ----	2.7 ----
Suvitan	3.1 ---	4.0 -----	2.8 ----	5.0 -----	2.5 ----
Coditank	3.6 -----	3.6 ----	3.9 -----	4.0 ----	4.0 -----
Maxlat	3.1 ---	3.9 -----	3.4 ----	5.0 -----	1.7 --
Farmfire	3.3 -----	4.3 -----	3.2 ----	5.0 -----	2.0 ---
Sorte xy	4.1 -----	2.6 -	5.5 -----	3.0 -	4.5 -----
Niklas	3.1 ---	4.0 -----	3.5 -----	4.7 -----	2.4 ----
SA1002	3.0 --	3.6 ----	2.5 ---	4.6 -----	2.6 ----
SL10271	2.8 -	3.7 -----	2.0 --	5.0 -----	2.4 ----
P7859	3.1 ---	3.9 -----	2.7 ----	4.7 -----	2.9 ----
KXB3012	3.2 ----	3.9 -----	3.5 -----	5.0 -----	2.2 ----
Amadeo	3.0 --	3.7 -----	3.0 ----	4.4 -----	2.3 ----
LG 30.218	3.3 -----	4.3 -----	2.8 ----	5.0 -----	2.9 ----
LG 30.223	3.3 -----	4.0 -----	3.1 ----	4.7 -----	3.3 -----
Colisee	2.7 -	3.9 -----	2.1 ---	5.0 -----	1.2 -
Millesim	3.2 ----	4.0 -----	2.4 ---	5.0 -----	2.7 ----
Fox	2.8 -	4.0 -----	2.2 ---	5.0 -----	1.6 --
Messago	3.2 ----	4.1 -----	3.7 -----	5.0 -----	2.2 ---
ES Tarock	3.4 -----	4.0 -----	3.2 ----	4.0 ----	3.4 -----
Gottardo KWS	2.9 --	3.7 -----	2.9 ----	5.0 -----	1.9 ---
DKC 3531	3.9 -----	3.4 ----	4.9 -----	4.0 ----	4.3 -----
Pentexx	3.2 ----	4.0 -----	3.0 ----	4.3 -----	2.8 ----
-Bezugsgrösse(n)	3.2 ----	4.0 -----	3.4 -----	4.4 -----	2.8 ----
Versuchs-Mittel	3.2 ----	3.8 -----	3.1 ----	4.6 -----	2.7 ----
VK [%]	16.8	8.4	19.9	6.3	27.1
KGD (5%)	0.3	0.5	1.0	0.5	1.2
KGD (1%)	0.4	0.7	1.3	0.6	1.6
Versuchs-Streuung	0.5	0.3	0.6	0.3	0.7
FG Fehlerterm	385.0	55.0	55.0	55.0	55.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	65.2	35	6.47 ***	1.45	0.0000
Anbauorte	359.9	6	208.45 ***	2.12	0.0000
WW Verf.*Anb.Orte	182.1	210	3.01 ***	1.22	0.0000
Fehler	110.8	385			
Insgesamt	718.0	636			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Ceresia	3.1	-----	2.8	---	2.9	-----
Geoxx	3.1	-----	2.6	---	2.7	-----
LG 30.224	3.6	-----	2.9	----	2.3	---
ES Albatros	2.6	---	3.0	----	2.2	---
P8025	2.6	---	2.2	--	2.5	----
LZM 162/73	3.0	-----	2.7	---	2.7	-----
LZM 162/51	2.2	-	2.7	---	1.9	--
DKC 3440	3.8	-----	3.1	----	3.2	-----
SY Amboss	2.3	--	2.4	--	2.4	----
SY Pracht	2.8	----	2.8	----	2.4	----
Trianon	3.5	-----	3.1	----	3.2	-----
KXB2301	2.3	--	2.5	---	2.5	----
KXB2329	2.7	----	2.2	--	2.4	----
P8200	2.9	-----	2.8	---	3.0	-----
Xxilo	2.7	---	2.6	---	2.3	---
Suvitan	2.9	----	2.5	--	2.1	--
Coditank	3.5	-----	2.8	----	3.1	-----
Maxlat	2.6	---	2.3	--	3.0	-----
Farmfire	2.6	---	2.9	----	2.8	-----
Sorte xy	4.3	-----	5.0	-----	3.6	-----
Niklas	2.5	---	2.7	---	2.0	--
SA1002	2.5	---	2.6	---	2.2	---
SL10271	2.1	-	2.4	--	1.7	-
P7859	2.5	---	2.2	--	2.5	-----
KXB3012	2.7	----	2.5	---	2.4	----
Amadeo	2.3	--	2.8	----	2.3	---
LG 30.218	3.4	-----	2.6	---	2.1	---
LG 30.223	2.4	--	2.9	----	2.8	-----
Colisee	2.4	--	2.5	---	2.0	--
Millesim	2.8	----	2.5	---	2.7	-----
Fox	2.7	----	1.9	-	2.2	---
Messago	2.6	---	3.0	----	2.1	---
ES Tarock	3.2	-----	3.3	-----	2.7	-----
Gottardo KWS	2.0	-	2.2	--	2.5	-----
DKC 3531	3.6	-----	3.5	-----	3.7	-----
Pentexx	2.7	---	2.9	----	2.7	-----
-Bezugsgrösse(n)	2.6	---	2.6	---	2.3	----
Versuchs-Mittel	2.8	----	2.7	---	2.5	-----
VK [%]	19.3		20.1		21.7	
KGD (5%)	0.9		0.9		0.9	
KGD (1%)	1.2		1.2		ns	
Versuchs-Streuung	0.5		0.5		0.6	
FG Fehlerterm	55.0		55.0		55.0	
Anz. Beob.	3.0		3.0		3.0	

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel	1567 Delley FR
Ceresia	4.2 -----	4.2 -----
Geoxx	4.3 -----	4.3 -----
LG 30.224	2.8 ---	2.8 ---
ES Albatros	4.1 -----	4.1 -----
P8025	5.5 -----	5.5 -----
LZM 162/73	4.3 -----	4.3 -----
LZM 162/51	1.7 -	1.7 -
DKC 3440	1.6 -	1.6 -
SY Amboss	4.3 -----	4.3 -----
SY Pracht	3.0 ----	3.0 ----
Trianon	4.0 -----	4.0 -----
KXB2301	4.3 -----	4.3 -----
KXB2329	4.0 -----	4.0 -----
P8200	2.9 ----	2.9 ----
Xxilo	4.4 -----	4.4 -----
Suvitan	5.6 -----	5.6 -----
Coditank	4.1 -----	4.1 -----
Maxlat	4.4 -----	4.4 -----
Farmfire	5.8 -----	5.8 -----
Sorte xy	4.8 -----	4.8 -----
Niklas	5.0 -----	5.0 -----
SA1002	2.7 ---	2.7 ---
SL10271	4.9 -----	4.9 -----
P7859	5.1 -----	5.1 -----
KXB3012	4.8 -----	4.8 -----
Amadeo	3.1 ----	3.1 ----
LG 30.218	4.1 -----	4.1 -----
LG 30.223	2.3 --	2.3 --
Colisee	3.8 -----	3.8 -----
Millesim	2.0 --	2.0 --
Fox	2.5 ---	2.5 ---
Messago	3.1 ----	3.1 ----
ES Tarock	3.0 ----	3.0 ----
Gottardo KWS	3.3 ----	3.3 ----
DKC 3531	3.4 ----	3.4 ----
Pentexx	4.6 -----	4.6 -----
-Bezugsgrösse(n)	4.8 -----	4.8 -----
Versuchs-Mittel	3.8 -----	3.8 -----
VK [%]	32.6	32.6
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

Helminthosporium turcicum [note] / Helminthosporium turcicum [Note]

Verfahren	Seriemittel	5643 Alikon AG	8046 Reckenholz ZH	8566 Ellighausen TG
Ceresia	1.0 -	1.0 --	1.0 -	1.0 -
Geoxx	1.0 --	1.0 --	1.0 -	1.0 --
LG 30.224	1.0 -	1.0 --	1.0 -	0.9 -
ES Albatros	1.1 ---	1.0 --	1.0 -	1.2 ---
P8025	1.0 -	1.0 --	1.0 -	1.0 --
LZM 162/73	1.2 ----	1.0 --	1.0 -	1.7 ----
LZM 162/51	1.1 ---	1.0 --	1.0 -	1.2 ---
DKC 3440	1.0 --	1.0 --	1.0 -	1.1 --
SY Amboss	1.0 --	1.0 -	1.0 -	1.0 --
SY Pracht	1.1 ----	1.0 --	1.0 -	1.4 ----
Trianon	1.0 -	1.0 --	1.0 -	0.9 -
KXB2301	1.0 -	1.0 -	1.0 -	1.0 --
KXB2329	1.0 --	1.0 --	1.0 -	1.1 --
P8200	1.0 --	1.0 --	1.0 -	1.1 --
Xxilo	1.0 --	1.0 --	1.0 -	1.1 --
Suvitan	1.0 -	1.0 --	1.0 -	1.0 -
Coditank	1.1 ---	1.0 -	1.0 -	1.2 ---
Maxlat	1.1 ---	1.0 --	1.0 -	1.3 ---
Farmfire	1.1 ---	1.1 ----	1.0 -	1.1 --
Sorte xy	1.1 ----	1.3 -----	1.0 -	1.1 --
Niklas	1.5 -----	1.0 --	1.0 -	2.5 -----
SA1002	1.0 -	1.0 -	1.0 -	0.9 -
SL10271	1.1 --	1.0 --	1.0 -	1.2 --
P7859	1.0 --	1.0 --	1.0 -	1.1 --
KXB3012	1.1 ----	1.0 --	1.0 -	1.4 ----
Amadeo	1.2 ----	1.3 -----	1.0 -	1.3 ---
LG 30.218	1.0 --	1.0 --	1.0 -	1.0 --
LG 30.223	1.0 --	1.0 --	1.0 -	1.1 --
Colisee	1.0 --	1.0 --	1.0 -	1.0 --
Millesim	1.2 ----	1.0 -	1.0 -	1.8 ----
Fox	1.2 ----	1.0 -	1.0 -	1.5 ----
Messago	1.2 ----	1.0 -	1.0 -	1.5 ----
ES Tarock	1.1 ---	1.1 ---	1.0 -	1.2 ---
Gottardo KWS	1.0 -	1.0 --	1.0 -	0.9 -
DKC 3531	1.0 --	1.2 -----	1.0 -	1.0 -
Pentexx	1.0 --	1.0 -	1.0 -	1.1 --
-Bezugsgrösse(n)	1.0 --	1.0 --	1.0 -	1.1 --
Versuchs-Mittel	1.1 ---	1.0 --	1.0 -	1.2 ---
VK [%]	21.2	14.5	0.0	23.9
KGD (5%)	ns	ns	ns	0.5
KGD (1%)	ns	ns	ns	0.6
Versuchs-Streuung	0.2	0.1		0.3
FG Fehlerterm	110.0	55.0	70.0	55.0
Anz. Beob.	6.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2.4	35	1.30 ns	1.53	0.1525
Anbauorte	1.5	2	14.67 ***	3.08	0.0000
WW Verf.*Anb.Orte	4.9	70	1.36 ns	1.42	0.0760
Fehler	5.7	110			
Insgesamt	14.5	217			

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon VD	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	267.7 -----	269.6 -----	261.9 -----	271.7 -----
Geox	278.3 -----	286.5 -----	273.0 -----	275.6 -----
LG 30.224	253.0 ---	244.6 --	251.3 --	263.2 ---
ES Albatros	280.7 -----	269.2 -----	273.2 -----	299.9 -----
P8025	263.6 -----	254.1 ---	266.5 -----	270.2 -----
LZM 162/73	264.5 -----	259.4 -----	260.9 -----	273.1 -----
LZM 162/51	271.6 -----	263.9 -----	276.5 -----	274.6 -----
DKC 3440	267.8 -----	263.3 -----	263.4 -----	276.5 -----
SY Amboss	277.7 -----	285.0 -----	270.6 -----	277.6 -----
SY Pracht	264.8 -----	260.9 -----	260.7 -----	272.9 -----
Trianon	265.7 -----	262.8 -----	252.2 ---	282.0 -----
KXB2301	259.1 ----	258.3 ----	257.8 ----	261.3 ----
KXB2329	265.9 -----	264.6 -----	255.5 ---	277.6 -----
P8200	270.9 -----	258.6 ---	281.0 -----	272.9 -----
Xxilo	287.5 -----	288.9 -----	276.9 -----	296.7 -----
Suvitan	281.3 -----	277.2 -----	280.3 -----	286.3 -----
Coditank	270.9 -----	269.3 -----	266.5 -----	277.0 -----
Maxlat	271.7 -----	272.7 -----	265.1 -----	277.2 -----
Farmfire	274.8 -----	270.9 -----	263.1 -----	290.3 -----
Sorte xy	275.6 -----	267.0 -----	277.0 -----	282.8 -----
Niklas	271.5 -----	268.2 -----	266.1 -----	280.3 -----
SA1002	275.7 -----	271.6 -----	273.3 -----	282.2 -----
SL10271	283.7 -----	283.7 -----	286.8 -----	280.6 -----
P7859	279.9 -----	280.0 -----	273.4 -----	286.2 -----
KXB3012	267.6 -----	266.8 -----	269.9 -----	266.0 -----
Amadeo	256.7 ----	255.6 ----	248.5 --	266.1 ----
LG 30.218	242.6 -	240.0 -	243.6 -	244.3 -
LG 30.223	250.2 --	244.8 --	248.1 --	257.6 ---
Colisee	264.7 -----	274.6 -----	246.7 -	272.8 -----
Millesim	255.8 ----	251.3 ---	253.7 ---	262.4 ----
Fox	275.5 -----	277.3 -----	273.7 -----	275.4 -----
Messago	251.4 ---	257.5 ----	246.2 -	250.5 --
ES Tarock	269.6 -----	274.2 -----	264.9 -----	269.7 -----
Gottardo KWS	267.3 -----	260.0 -----	265.3 -----	276.8 -----
DKC 3531	266.4 -----	258.6 ----	270.3 -----	270.2 ----
Pentexx	266.6 -----	267.5 -----	256.3 ----	276.1 -----
-Bezugsgrösse(n)	272.2 -----	261.6 -----	269.8 -----	285.0 -----
Versuchs-Mittel	268.3 -----	266.1 -----	264.4 -----	274.4 -----
VK [%]	3.4	3.3	2.6	4.0
KGD (5%)	8.4	14.4	11.3	18.0
KGD (1%)	11.1	19.2	15.0	24.0
Versuchs-Streuung	9.1	8.8	6.9	11.0
FG Fehlerterm	165.0	55.0	55.0	55.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	31192.6	35	10.85 ***	1.49	0.0000
Anbauorte	6100.5	2	37.13 ***	3.05	0.0000
WW Verf.*Anb.Orte	9117.5	70	1.59 **	1.38	0.0089
Fehler	13555.0	165			
Insgesamt	59965.5	272			

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

Verfahren	Seriemittel	1260 Nyon VD	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	114.0 -----	118.8 -----	100.0 ----	123.2 ----
Geox	119.3 -----	129.7 -----	105.0 ----	123.1 ----
LG 30.224	114.4 -----	105.3 ---	111.7 -----	126.2 -----
ES Albatros	122.9 -----	116.7 -----	111.7 -----	140.4 -----
P8025	116.9 -----	115.9 -----	108.3 -----	126.5 -----
LZM 162/73	111.2 ----	109.2 ----	101.7 ----	122.8 ----
LZM 162/51	124.7 -----	120.6 -----	120.0 -----	133.3 -----
DKC 3440	102.1 -	98.5 -	96.7 --	111.1 -
SY Amboss	125.3 -----	125.9 -----	113.3 -----	136.6 -----
SY Pracht	123.4 -----	132.1 -----	115.0 -----	123.0 ----
Trianon	107.1 ---	106.1 ---	98.3 ---	116.9 ---
KXB2301	108.0 ---	110.9 ----	93.3 -	119.9 ----
KXB2329	115.4 -----	116.2 -----	103.3 -----	126.6 -----
P8200	120.2 -----	113.9 ----	113.3 -----	133.4 -----
Xxilo	123.6 -----	127.7 -----	110.0 -----	133.2 -----
Suvitan	115.1 -----	109.0 ----	111.7 -----	124.5 ----
Coditank	110.1 ----	113.6 ----	95.0 --	121.7 ----
Maxlat	122.2 -----	128.0 -----	108.3 -----	130.4 -----
Farmfire	123.2 -----	126.2 -----	111.7 -----	131.8 -----
Sorte xy	109.5 ----	110.1 ----	101.7 ----	116.9 ---
Niklas	118.3 -----	123.2 -----	103.3 -----	128.5 -----
SA1002	117.6 -----	117.2 -----	108.3 -----	127.1 -----
SL10271	117.3 -----	113.3 ----	111.7 -----	127.0 -----
P7859	121.4 -----	119.2 -----	111.7 -----	133.5 -----
KXB3012	112.6 -----	112.7 ----	103.3 -----	121.9 ----
Amadeo	107.4 ---	107.3 ---	95.0 --	120.0 ----
LG 30.218	111.3 ----	108.7 ----	106.7 ----	118.5 ---
LG 30.223	106.0 --	109.7 ----	95.0 --	113.4 --
Colisee	117.3 -----	125.3 -----	100.0 ----	126.6 -----
Millesim	103.5 -	105.1 ---	95.0 --	110.3 -
Fox	118.9 -----	114.2 ----	115.0 -----	127.6 -----
Messago	115.5 -----	117.9 -----	111.7 -----	116.8 ---
ES Tarock	112.4 -----	116.8 -----	96.7 --	123.6 ----
Gottardo KWS	105.8 --	102.6 --	91.7 -	123.3 ----
DKC 3531	109.3 ----	107.7 ---	103.3 -----	116.7 ---
Pentexx	107.8 ---	116.3 -----	95.0 --	112.0 -
-Bezugsgrösse(n)	119.9 -----	116.3 -----	110.0 -----	133.5 -----
Versuchs-Mittel	114.8 -----	115.3 -----	104.8 -----	124.1 -----
VK [%]	6.2	6.5	5.5	6.4
KGD (5%)	6.6	12.3	9.4	13.1
KGD (1%)	8.7	16.4	12.5	17.4
Versuchs-Streuung	7.1	7.5	5.8	8.0
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	13242.6	35	7.59 ***	1.49	0.0000
Anbauorte	20178.9	2	202.45 ***	3.04	0.0000
WW Verf.*Anb.Orte	5362.9	70	1.54 *	1.37	0.0124
Fehler	8970.7	180			
Insgesamt	47755.1	287			

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	720.9 -----	736.4 ----	750.0 ----	645.7 ----	716.7 -----
Geoxx	712.8 ----	718.5 --	746.2 ----	659.9 -----	698.8 ---
LG 30.224	735.4 -----	754.5 -----	755.8 -----	673.0 -----	722.8 -----
ES Albatros	720.3 -----	743.0 -----	743.2 ----	640.6 ---	710.8 -----
P8025	725.2 -----	763.2 -----	744.5 ----	647.6 ----	714.2 -----
LZM 162/73	724.3 -----	767.9 -----	748.2 ----	652.9 ----	721.0 -----
LZM 162/51	737.5 -----	764.3 -----	757.0 ----	676.8 -----	722.5 -----
DKC 3440	717.6 ----	721.0 ---	747.0 ----	666.1 -----	700.3 ---
SY Amboss	721.8 -----	743.3 -----	746.2 ----	676.7 -----	704.2 ----
SY Pracht	724.0 -----	732.6 ----	766.2 -----	633.5 --	719.3 -----
Trianon	726.2 -----	762.9 -----	764.7 -----	642.3 ----	706.3 ----
KXB2301	738.1 -----	758.4 -----	773.0 -----	674.8 -----	722.5 -----
KXB2329	727.7 -----	755.5 -----	757.3 ----	650.9 ----	706.2 ----
P8200	699.1 -	707.3 -	725.3 --	621.0 -	687.5 -
Xxilo	696.6 -	708.1 -	715.3 -	629.9 --	686.3 -
Suvidan	718.6 ----	727.6 ----	732.7 ---	661.0 -----	706.7 ----
Coditank	717.5 ----	727.1 ----	744.5 ----	672.2 -----	693.5 --
Maxlat	723.1 -----	723.8 ---	748.2 ----	694.2 -----	696.7 --
Farmfire	722.1 -----	712.2 -	764.8 -----	664.3 -----	703.5 ----
Sorte xy	725.6 -----	732.1 ----	756.8 -----	659.3 -----	724.2 -----
Niklas	708.6 ---	740.2 -----	741.5 ----	631.5 --	693.2 --
SA1002	724.6 -----	740.8 -----	765.8 -----	622.0 -	720.0 -----
SL10271	711.9 ----	709.2 -	742.3 ----	658.6 -----	712.2 ----
P7859	719.0 -----	753.6 -----	752.2 ----	623.9 -	703.7 ----
KXB3012	716.9 ----	730.9 ---	769.5 -----	629.8 --	710.7 ----
Amadeo	741.7 -----	771.8 -----	792.2 -----	691.6 -----	713.0 ----
LG 30.218	728.3 -----	746.8 -----	764.0 ----	675.3 -----	713.0 ----
LG 30.223	730.0 -----	742.4 ----	776.8 -----	669.9 -----	714.8 ----
Colisee	737.2 -----	749.6 -----	779.3 -----	672.5 -----	728.5 -----
Millesim	732.7 -----	745.8 -----	762.8 -----	653.4 ----	740.8 -----
Fox	723.1 -----	750.5 -----	765.2 -----	643.8 ----	715.7 ----
Messago	725.1 -----	755.9 -----	758.3 ----	639.9 ---	720.5 -----
ES Tarock	723.4 -----	735.4 ----	768.8 -----	647.0 ----	724.5 -----
Gottardo KWS	734.3 -----	769.4 -----	768.0 ----	656.0 ----	720.2 -----
DKC 3531	733.4 -----	774.2 -----	761.2 ----	657.0 ----	725.7 -----
Pentexx	724.0 -----	745.3 ----	751.2 ----	649.3 ----	720.7 -----

-Bezugsgrösse(n)	722.7 -----	753.1 -----	743.8 ----	644.1 ----	712.5 -----
Versuchs-Mittel	723.6 -----	742.3 -----	755.7 -----	654.5 ----	712.3 ----

VK [%]	2.3	2.4	2.0	3.6	1.9
KGD (5%)	10.8	29.5	24.4	38.8	22.1
KGD (1%)	14.2	39.2	32.4	ns	29.3
Versuchs-Streuung	16.5	18.0	15.0	23.7	13.6
FG Fehlerterm	375.0	55.0	70.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	61969.2	35	6.54 ***	1.46	0.0000
Anbauorte	727403.9	5	537.16 ***	2.24	0.0000
WW Verf.*Anb.Orte	74830.0	175	1.58 ns	1.23	
Fehler	101562.3	375			
Insgesamt	965765.4	590			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ceresia	733.5	-----	743.2	-----
Geoxx	723.3	---	730.0	---
LG 30.224	748.9	-----	757.2	-----
ES Albatros	747.6	-----	736.5	----
P8025	742.4	-----	739.5	-----
LZM 162/73	734.8	-----	721.2	-
LZM 162/51	741.8	-----	762.5	-----
DKC 3440	728.9	-----	742.3	-----
SY Amboss	718.0	--	742.7	-----
SY Pracht	742.4	-----	749.7	-----
Trianon	729.9	-----	751.2	-----
KXB2301	739.8	-----	760.3	-----
KXB2329	740.9	-----	755.3	-----
P8200	721.1	---	732.2	---
Xxilo	713.5	-	726.3	--
Suvitan	733.2	-----	750.3	-----
Coditank	724.0	---	743.5	-----
Maxlat	732.8	-----	742.8	-----
Farmfire	744.5	-----	743.0	-----
Sorte xy	737.6	-----	743.7	-----
Niklas	711.6	-	733.7	----
SA1002	740.6	-----	758.3	-----
SL10271	727.5	----	721.8	-
P7859	738.6	-----	742.3	-----
KXB3012	723.7	---	736.8	----
Amadeo	743.7	-----	738.0	-----
LG 30.218	722.2	---	748.3	-----
LG 30.223	741.8	-----	734.0	----
Colisee	755.4	-----	738.0	-----
Millesim	754.1	-----	739.2	-----
Fox	728.2	----	735.3	----
Messago	734.1	-----	741.7	-----
ES Tarock	728.8	-----	736.0	----
Gottardo KWS	749.1	-----	742.8	-----
DKC 3531	743.2	-----	739.5	-----
Pentexx	733.2	-----	744.2	-----
-Bezugsgrösse(n)	745.0	-----	738.0	-----
Versuchs-Mittel	734.9	-----	741.8	-----
VK [%]	1.5		2.1	
KGD (5%)	18.1		ns	
KGD (1%)	24.1		ns	
Versuchs-Streuung	11.0		15.8	
FG Fehlerterm	55.0		70.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	347.7 ---	357.1 -----	353.0 ---	310.7 -----	324.5 -
Geoxx	342.7 --	320.6 --	341.1 -	338.5 -----	334.7 ---
LG 30.224	360.9 -----	371.1 -----	356.1 ---	332.8 -----	344.8 -----
ES Albatros	357.8 -----	359.0 -----	356.6 ---	308.9 -----	355.3 -----
P8025	369.1 -----	390.2 -----	363.8 ---	319.0 -----	367.3 -----
LZM 162/73	336.9 -	367.1 -----	342.4 -	280.5 ---	326.7 --
LZM 162/51	384.5 -----	382.5 -----	377.7 -----	359.2 -----	381.8 -----
DKC 3440	356.4 -----	355.5 -----	358.7 ---	351.6 -----	338.1 ---
SY Amboss	359.4 -----	372.2 -----	353.3 ---	359.0 -----	336.6 ---
SY Pracht	353.2 ---	350.7 -----	378.4 -----	286.5 ---	353.0 -----
Trianon	361.3 -----	388.7 -----	374.4 -----	325.7 -----	342.4 -----
KXB2301	373.9 -----	376.4 -----	388.3 -----	354.1 -----	355.7 -----
KXB2329	361.2 -----	358.4 -----	371.1 -----	325.6 -----	340.3 -----
P8200	343.6 ---	333.5 ---	343.0 --	297.2 ---	350.4 -----
Xxilo	332.6 -	313.7 -	334.4 -	294.5 ---	337.7 ---
Suvidan	348.0 ---	329.0 ---	340.9 -	334.9 -----	354.7 -----
Coditank	358.6 -----	348.0 -----	368.5 ---	330.3 -----	342.1 -----
Maxlat	357.3 -----	337.9 ---	361.0 ---	351.1 -----	341.9 -----
Farmfire	349.7 ---	304.6 -	376.3 -----	328.1 -----	348.6 -----
Sorte xy	368.4 -----	346.9 -----	378.6 -----	338.3 -----	377.5 -----
Niklas	343.4 ---	359.4 -----	352.2 ---	303.7 -----	334.3 ---
SA1002	360.1 -----	370.2 -----	386.4 -----	255.5 -	381.9 -----
SL10271	332.3 -	315.2 --	356.5 ---	319.7 -----	321.0 -
P7859	351.7 ---	377.9 -----	369.9 ---	270.3 --	344.6 -----
KXB3012	367.2 -----	367.3 -----	397.8 -----	295.6 ---	368.1 -----
Amadeo	388.7 -----	407.6 -----	425.9 -----	370.9 -----	369.7 -----
LG 30.218	371.2 -----	378.1 -----	384.8 -----	349.7 -----	365.0 -----
LG 30.223	359.4 -----	356.7 -----	377.1 -----	336.0 -----	340.2 -----
Colisee	376.7 -----	367.5 -----	397.8 -----	359.1 -----	362.0 -----
Millesim	374.9 -----	347.2 -----	385.2 -----	353.6 -----	375.2 -----
Fox	347.4 ---	330.8 ---	369.6 ---	319.9 -----	345.3 -----
Messago	362.5 -----	370.9 -----	378.4 -----	316.3 -----	344.8 -----
ES Tarock	342.9 --	325.0 ---	373.0 -----	323.8 -----	333.7 ---
Gottardo KWS	373.5 -----	373.4 -----	384.0 -----	335.3 -----	359.4 -----
DKC 3531	347.7 ---	357.6 -----	348.2 --	310.6 -----	329.9 --
Pentexx	340.5 --	341.4 -----	338.8 -	317.7 -----	329.4 --
-Bezugsgrösse(n)	363.5 -----	374.6 -----	360.2 ---	313.9 -----	361.3 -----
Versuchs-Mittel	357.3 -----	355.8 -----	367.9 -----	324.0 -----	348.9 -----
VK [%]	5.8	7.2	4.3	8.0	5.1
KGD (5%)	13.6	41.6	25.6	42.6	28.9
KGD (1%)	17.9	55.3	34.0	56.7	38.4
Versuchs-Streuung	20.7	25.6	15.7	26.0	17.8
FG Fehlerterm	375.0	70.0	70.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	122418.8	35	8.17 ***	1.46	0.0000
Anbauorte	227632.3	5	106.36 ***	2.24	0.0000
WW Verf.*Anb.Orte	131508.7	175	1.76 ***	1.23	0.0008
Fehler	160508.1	375			
Insgesamt	642067.9	590			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ceresia	370.4	----	370.4	-----
Geoxx	365.5	---	355.9	-----
LG 30.224	394.7	-----	366.1	-----
ES Albatros	406.8	-----	360.4	-----
P8025	404.4	-----	370.2	-----
LZM 162/73	365.2	---	339.6	---
LZM 162/51	409.7	-----	396.1	-----
DKC 3440	394.2	-----	340.2	---
SY Amboss	376.8	----	358.6	-----
SY Pracht	387.1	-----	363.4	-----
Trianon	375.1	----	361.4	-----
KXB2301	392.6	-----	376.2	-----
KXB2329	399.8	-----	372.0	-----
P8200	377.7	----	359.7	-----
Xxilo	368.2	---	347.1	---
Suvitan	367.3	---	360.9	-----
Coditank	386.0	-----	376.5	-----
Maxlat	388.0	-----	364.0	-----
Farmfire	378.2	----	362.3	-----
Sorte xy	397.6	-----	371.3	-----
Niklas	361.1	--	349.9	----
SA1002	387.8	-----	378.6	-----
SL10271	356.7	-	324.8	-
P7859	386.1	-----	361.2	-----
KXB3012	405.7	-----	368.4	-----
Amadeo	393.4	-----	364.7	-----
LG 30.218	375.9	----	373.6	-----
LG 30.223	392.0	-----	354.1	-----
Colisee	414.3	-----	359.5	-----
Millesim	415.6	-----	372.3	-----
Fox	367.9	---	350.6	----
Messago	394.9	-----	369.6	-----
ES Tarock	351.6	-	350.3	----
Gottardo KWS	416.4	-----	372.6	-----
DKC 3531	377.7	----	362.3	-----
Pentexx	374.5	----	341.3	---
-Bezugsgrösse(n)	405.6	-----	365.3	-----
Versuchs-Mittel	385.5	-----	361.8	-----
VK [%]	4.7		5.2	
KGD (5%)	29.9		ns	
KGD (1%)	39.8		ns	
Versuchs-Streuung	18.3		19.0	
FG Fehlerterm	55.0		55.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	175.3 -----	161.7 ----	173.3 -----	212.8 -----	180.6 -----
Geoxx	176.5 -----	167.4 -----	174.1 -----	194.9 ---	181.9 -----
LG 30.224	169.0 ----	151.5 --	168.6 -----	199.1 ----	174.6 -----
ES Albatros	174.4 -----	164.1 ----	174.8 -----	213.2 -----	169.5 ----
P8025	173.5 -----	159.0 ----	174.2 -----	210.3 -----	174.8 -----
LZM 162/73	173.0 -----	146.6 -	173.0 -----	214.0 -----	173.8 ----
LZM 162/51	166.4 --	155.3 ---	165.2 ----	194.6 ---	168.7 ----
DKC 3440	173.0 -----	168.1 -----	170.8 -----	189.1 --	180.7 -----
SY Amboss	169.2 ----	151.6 --	173.1 -----	185.4 -	174.1 -----
SY Pracht	173.2 -----	161.0 ----	162.2 ----	221.7 -----	171.5 ----
Trianon	169.6 ----	161.6 ----	158.9 ----	207.4 -----	173.1 ----
KXB2301	166.6 --	160.8 ----	160.1 ----	197.9 ----	172.3 ----
KXB2329	169.3 ----	162.3 ----	164.9 ----	202.3 ----	176.5 -----
P8200	182.0 -----	183.0 -----	177.8 -----	222.9 -----	181.5 -----
Xxilo	183.4 -----	184.6 -----	182.4 -----	214.9 -----	179.0 -----
Suvitan	174.8 -----	175.8 -----	175.0 -----	203.4 ----	178.6 -----
Coditank	176.4 -----	177.2 -----	171.0 -----	202.3 ----	183.4 -----
Maxlat	172.0 ----	175.9 -----	167.6 ----	190.1 --	179.7 -----
Farmfire	173.7 -----	181.4 -----	161.2 ----	204.9 ----	172.9 ----
Sorte xy	166.9 ---	167.8 ----	161.7 ----	202.6 ----	160.1 -
Niklas	180.0 -----	166.2 ----	172.3 -----	219.3 -----	183.7 -----
SA1002	173.1 -----	167.8 ----	159.0 ----	226.8 -----	167.4 ----
SL10271	175.3 -----	180.0 -----	169.7 -----	199.6 ----	170.6 ----
P7859	175.1 -----	160.1 ----	167.2 -----	224.9 -----	177.7 -----
KXB3012	176.8 -----	172.6 -----	158.9 ----	220.4 -----	178.4 -----
Amadeo	163.0 -	152.5 --	148.7 -	182.6 -	169.4 ----
LG 30.218	170.2 ----	166.8 ----	162.1 ----	191.0 ---	173.7 ----
LG 30.223	170.2 ----	167.5 ----	161.6 ----	193.1 ---	170.4 ----
Colisee	167.1 ---	161.2 ----	158.1 ---	196.6 ----	171.0 ----
Millesim	166.9 ---	172.9 -----	161.2 ----	194.8 ---	160.1 -
Fox	175.2 -----	172.0 -----	162.4 ----	206.9 -----	177.8 -----
Messago	174.1 -----	170.9 -----	165.3 -----	208.3 -----	177.0 -----
ES Tarock	171.0 ----	173.2 -----	158.5 ----	203.4 ----	167.3 ----
Gottardo KWS	170.7 ----	158.3 ----	162.0 ----	198.5 ----	175.1 -----
DKC 3531	169.5 ----	157.3 ---	163.9 ----	197.3 ----	168.7 ----
Pentexx	173.9 -----	173.3 -----	167.1 -----	198.0 ----	170.9 ----
-Bezugsgrösse(n)	174.0 -----	161.6 ----	174.5 -----	211.7 -----	172.1 -----
Versuchs-Mittel	172.5 ----	166.4 ----	166.3 ----	204.0 ----	174.1 -----
VK [%]	5.0	5.9	4.0	6.4	4.0
KGD (5%)	5.7	16.1	10.7	21.4	11.5
KGD (1%)	7.5	21.5	14.2	28.5	15.2
Versuchs-Streuung	8.6	9.9	6.6	13.1	7.0
FG Fehlerterm	360.0	55.0	70.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	12281.8	35	4.70 ***	1.46	0.0000
Anbauorte	150430.8	5	403.19 ***	2.24	0.0000
WW Verf.*Anb.Orte	24664.7	175	1.89 ***	1.23	0.0005
Fehler	26863.4	360			
Insgesamt	214240.7	575			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ceresia	156.2	-----	167.2	-----
Geoxx	168.1	-----	172.9	-----
LG 30.224	157.0	-----	163.5	---
ES Albatros	152.2	----	172.7	-----
P8025	152.9	----	169.9	-----
LZM 162/73	152.6	----	177.8	-----
LZM 162/51	154.0	-----	160.8	--
DKC 3440	156.3	-----	172.8	-----
SY Amboss	159.6	-----	171.5	-----
SY Pracht	151.8	----	171.1	-----
Trianon	151.7	----	165.1	----
KXB2301	149.7	---	158.9	-
KXB2329	148.9	---	160.9	--
P8200	155.5	-----	171.2	-----
Xxilo	162.2	-----	177.1	-----
Suvitan	153.6	-----	162.2	--
Coditank	158.9	-----	165.6	----
Maxlat	149.3	---	169.4	-----
Farmfire	152.6	----	169.2	-----
Sorte xy	143.9	-	165.5	----
Niklas	163.9	-----	174.7	-----
SA1002	155.2	-----	162.1	--
SL10271	156.4	-----	175.4	-----
P7859	152.3	----	168.7	-----
KXB3012	158.9	-----	171.6	-----
Amadeo	152.5	----	172.0	-----
LG 30.218	160.6	-----	167.1	-----
LG 30.223	154.1	-----	174.7	-----
Colisee	147.3	--	168.4	-----
Millesim	144.3	-	168.3	-----
Fox	158.4	-----	173.4	-----
Messago	154.1	-----	169.2	-----
ES Tarock	155.3	-----	168.4	-----
Gottardo KWS	155.6	-----	174.6	-----
DKC 3531	156.2	-----	173.4	-----
Pentexx	163.6	-----	170.7	-----
-Bezugsgrösse(n)	152.6	----	171.3	-----
Versuchs-Mittel	154.9	-----	169.4	-----
VK [%]	4.1		4.6	
KGD (5%)	10.4		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	6.4		7.8	
FG Fehlerterm	55.0		55.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	373.0 ----	358.8 ----	366.0 ----	420.6 -----	381.0 ----
Geoxx	385.0 -----	385.2 -----	372.1 ----	397.2 ----	398.3 -----
LG 30.224	374.3 ----	349.8 --	371.0 ----	417.0 ----	393.3 -----
ES Albatros	383.2 -----	371.6 -----	378.4 -----	431.3 -----	393.3 -----
P8025	369.3 ----	344.1 -	369.7 ----	432.6 -----	371.6 ---
LZM 162/73	393.1 -----	365.4 ----	390.4 -----	439.7 -----	392.1 -----
LZM 162/51	361.6 --	350.3 --	363.6 ----	372.9 --	366.5 --
DKC 3440	382.7 -----	367.5 ----	383.9 -----	399.4 ----	401.3 -----
SY Amboss	384.3 -----	361.8 ----	386.0 -----	398.9 ----	403.9 -----
SY Pracht	396.9 -----	386.1 -----	382.6 -----	466.2 -----	398.2 -----
Trianon	368.2 ---	352.1 ---	355.4 ---	417.9 ----	381.1 ----
KXB2301	368.5 ---	360.5 ----	366.5 ----	394.4 ----	384.4 ----
KXB2329	364.2 --	362.1 ----	355.2 ---	394.4 ----	379.7 ----
P8200	395.4 -----	394.0 -----	398.6 -----	446.8 -----	398.3 -----
Xxilo	399.1 -----	404.8 -----	403.8 -----	428.4 -----	405.9 -----
Suvidan	383.9 -----	388.8 -----	384.7 -----	407.7 ----	403.1 -----
Coditank	380.1 ----	372.2 ----	377.9 ----	398.7 ----	390.9 ----
Maxlat	378.8 ----	385.4 -----	377.9 ----	378.9 --	397.7 -----
Farmfire	381.8 ----	402.4 -----	359.4 ----	417.9 ----	391.7 ----
Sorte xy	356.2 -	348.5 --	344.6 -	393.7 ---	362.0 -
Niklas	387.1 -----	363.8 ----	370.6 ----	447.4 -----	389.5 ----
SA1002	383.7 -----	369.0 ----	362.8 ----	446.4 -----	383.9 ----
SL10271	384.0 -----	387.8 -----	377.8 -----	388.5 ----	394.4 -----
P7859	383.1 -----	354.2 ---	374.7 ----	441.7 -----	399.2 -----
KXB3012	372.4 ----	371.9 ----	347.7 --	414.3 ----	369.5 --
Amadeo	357.5 -	338.2 -	339.9 -	353.4 -	382.7 ----
LG 30.218	367.5 ---	356.5 ---	359.5 ---	373.1 --	379.6 ----
LG 30.223	378.8 ----	363.3 ----	367.1 ----	397.7 ----	390.7 -----
Colisee	360.1 --	358.0 ----	348.4 --	391.6 ----	377.1 ----
Millesim	361.5 --	351.9 ---	363.0 ----	397.3 ----	363.9 -
Fox	372.2 ----	370.6 ----	353.1 ---	408.8 ----	377.3 ----
Messago	380.5 -----	371.6 -----	376.6 -----	413.5 -----	387.8 -----
ES Tarock	367.3 ---	367.5 ----	348.2 --	399.9 ----	370.8 ---
Gottardo KWS	380.3 -----	345.7 --	370.4 ----	418.3 ----	397.6 -----
DKC 3531	366.7 ---	343.8 -	357.1 ---	412.1 ----	372.1 ---
Pentexx	377.9 -----	368.3 ----	380.9 -----	405.0 ----	376.4 ----
-Bezugsgrösse(n)	376.2 ----	357.8 ----	374.0 -----	432.0 -----	382.5 -----
Versuchs-Mittel	376.7 ----	366.5 ----	369.0 ----	410.1 ----	386.3 ----
VK [%]	4.9	6.4	3.9	6.2	3.4
KGD (5%)	12.1	ns	23.7	41.4	21.4
KGD (1%)	15.9	ns	31.4	55.1	28.5
Versuchs-Streuung	18.4	23.4	14.5	25.3	13.1
FG Fehlerterm	360.0	55.0	70.0	55.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	77730.8	35	6.55 ***	1.46	0.0000
Anbauorte	224536.7	5	132.54 ***	2.24	0.0000
WW Verf.*Anb.Orte	87097.5	175	1.47 ns	1.23	
Fehler	121972.0	360			
Insgesamt	511336.9	575			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ceresia	350.0	-----	361.3	--
Geoxx	372.7	-----	384.8	-----
LG 30.224	346.3	-----	368.3	---
ES Albatros	350.7	-----	374.1	-----
P8025	334.7	----	362.9	--
LZM 162/73	363.3	-----	407.4	-----
LZM 162/51	345.0	-----	371.6	----
DKC 3440	366.3	-----	377.8	-----
SY Amboss	369.7	-----	385.7	-----
SY Pracht	363.0	-----	385.4	-----
Trianon	346.7	-----	356.1	-
KXB2301	346.0	-----	359.0	--
KXB2329	341.0	-----	352.7	-
P8200	348.3	-----	386.5	-----
Xxilo	362.3	-----	389.2	-----
Suvitan	360.7	-----	358.5	--
Coditank	353.7	-----	387.5	-----
Maxlat	348.7	-----	384.1	-----
Farmfire	344.3	-----	374.8	-----
Sorte xy	317.7	-	370.5	----
Niklas	361.0	-----	390.1	-----
SA1002	361.3	-----	378.9	-----
SL10271	359.0	-----	396.7	-----
P7859	350.7	-----	378.1	-----
KXB3012	362.0	-----	369.1	----
Amadeo	340.7	-----	390.4	-----
LG 30.218	359.0	-----	377.5	-----
LG 30.223	353.0	-----	400.8	-----
Colisee	321.3	-	364.0	---
Millesim	321.3	-	371.7	----
Fox	348.0	-----	375.5	-----
Messago	348.7	-----	385.0	-----
ES Tarock	341.7	-----	375.9	-----
Gottardo KWS	354.3	-----	395.7	-----
DKC 3531	331.3	---	383.4	-----
Pentexx	359.7	-----	377.3	-----
-Bezugsgrösse(n)	342.7	-----	368.5	---
Versuchs-Mittel	350.1	-----	378.0	-----
VK [%]	4.4		4.5	
KGD (5%)	25.1		27.7	
KGD (1%)	33.3		ns	
Versuchs-Streuung	15.4		16.9	
FG Fehlerterm	70.0		55.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	69.3 -----	70.7 -----	73.3 -----	68.0 -----	67.5 -----
Geox	66.2 ----	64.7 ---	69.6 -----	66.7 -----	63.6 -
LG 30.224	67.2 ----	68.0 ----	70.1 -----	66.1 -----	65.7 ---
ES Albatros	67.2 -----	67.5 -----	68.8 -----	63.5 --	66.2 ---
P8025	67.8 -----	70.0 -----	68.2 -----	64.9 ---	68.3 -----
LZM 162/73	65.3 ---	66.2 ----	62.9 -	62.6 -	65.5 ---
LZM 162/51	70.0 -----	70.7 -----	71.7 -----	67.0 -----	69.1 -----
DKC 3440	65.5 ----	65.6 ----	68.3 -----	63.7 --	63.8 -
SY Amboss	65.1 ---	64.3 ---	69.4 -----	62.9 -	64.0 --
SY Pracht	62.2 -	60.4 -	64.2 --	62.1 -	62.8 -
Trianon	67.5 -----	68.4 -----	69.6 -----	65.4 -----	68.1 -----
KXB2301	65.2 ---	65.9 ----	66.8 ----	66.8 -----	65.6 ---
KXB2329	68.7 -----	67.5 -----	71.2 -----	66.5 -----	71.4 -----
P8200	66.8 -----	68.7 -----	70.0 -----	64.6 ---	67.3 -----
Xxilo	65.3 ---	64.5 ---	66.8 ---	69.5 -----	64.7 --
Suvitan	64.8 ---	65.0 ---	66.0 ---	65.8 ----	65.1 ---
Coditank	66.6 -----	66.1 ----	66.9 ----	69.2 -----	68.5 -----
Maxlat	69.5 -----	66.1 ----	69.4 -----	72.1 -----	67.8 -----
Farmfire	67.9 -----	63.8 ---	68.3 -----	70.3 -----	68.5 -----
Sorte xy	69.7 -----	70.4 -----	70.6 -----	71.1 -----	66.5 -----
Niklas	67.4 -----	66.0 ----	67.1 ----	64.9 ---	68.5 -----
SA1002	65.6 ----	66.9 -----	67.6 ----	63.9 --	64.9 --
SL10271	66.4 ----	64.3 ---	72.0 -----	64.3 ---	65.0 --
P7859	66.2 ----	65.9 ----	66.9 ----	65.8 ----	67.2 ----
KXB3012	68.8 -----	68.7 -----	72.4 -----	64.0 ---	73.0 -----
Amadeo	67.7 -----	71.9 -----	69.4 -----	67.7 -----	66.1 ---
LG 30.218	66.1 ----	70.5 -----	68.3 ----	68.0 -----	62.9 -
LG 30.223	66.0 ----	68.6 -----	67.4 ----	66.8 -----	63.6 -
Colisee	67.8 -----	70.1 -----	69.7 -----	67.9 -----	68.1 -----
Millesim	67.6 -----	71.6 -----	70.9 -----	66.6 -----	67.7 -----
Fox	67.4 -----	69.2 -----	70.1 -----	63.3 --	66.9 ----
Messago	66.9 -----	70.0 -----	68.3 ----	65.8 ----	65.3 ---
ES Tarock	73.2 -----	76.8 -----	75.9 -----	70.9 -----	74.6 -----
Gottardo KWS	65.5 ----	68.4 -----	63.8 -	63.2 --	64.9 --
DKC 3531	69.5 -----	71.5 -----	69.4 -----	65.3 ----	70.0 -----
Pentexx	68.4 -----	70.9 -----	68.9 ----	66.4 -----	68.0 -----
-Bezugsgrösse(n)	67.5 -----	68.7 -----	68.5 -----	64.2 ---	67.3 -----
Versuchs-Mittel	67.2 -----	67.9 -----	68.9 -----	66.2 -----	66.9 -----
VK [%]	3.6	3.8	4.2	3.5	3.3
KGD (5%)	1.6	4.2	4.7	3.8	3.7
KGD (1%)	2.1	5.6	6.3	5.0	4.9
Versuchs-Streuung	2.4	2.6	2.9	2.3	2.2
FG Fehlerterm	360.0	70.0	70.0	55.0	55.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2406.7	35	12.02 ***	1.46	0.0000
Anbauorte	971.1	5	33.95 ***	2.24	0.0000
WW Verf.*Anb.Orte	2128.3	175	2.13 ***	1.23	0.0003
Fehler	2059.6	360			
Insgesamt	7565.7	575			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ceresia	65.4	-----	71.2	-----
Geoxx	65.0	-----	67.8	-----
LG 30.224	66.9	-----	66.3	---
ES Albatros	67.3	-----	70.1	-----
P8025	65.4	-----	70.2	-----
LZM 162/73	65.5	-----	69.3	-----
LZM 162/51	68.3	-----	73.1	-----
DKC 3440	62.4	----	69.3	-----
SY Amboss	63.4	----	66.8	----
SY Pracht	58.9	-	65.0	-
Trianon	61.6	---	71.8	-----
KXB2301	59.6	-	66.3	---
KXB2329	66.7	-----	68.9	-----
P8200	64.4	-----	65.5	--
Xxilo	61.7	---	64.3	-
Suvitan	62.8	----	64.3	-
Coditank	64.6	-----	64.5	-
Maxlat	69.8	-----	71.6	-----
Farmfire	68.1	-----	68.3	-----
Sorte xy	68.8	-----	70.6	-----
Niklas	68.8	-----	69.3	-----
SA1002	64.9	-----	65.5	--
SL10271	64.5	-----	68.0	-----
P7859	64.4	-----	67.0	----
KXB3012	66.7	-----	68.2	-----
Amadeo	63.4	----	67.6	----
LG 30.218	62.1	---	64.8	-
LG 30.223	64.9	-----	64.9	-
Colisee	64.7	-----	66.4	---
Millesim	62.7	----	65.8	--
Fox	66.3	-----	68.6	-----
Messago	65.1	-----	66.7	---
ES Tarock	69.5	-----	71.7	-----
Gottardo KWS	65.6	-----	67.1	----
DKC 3531	70.1	-----	70.8	-----
Pentexx	67.6	-----	68.5	----
-Bezugsgrösse(n)	66.3	-----	70.2	-----
Versuchs-Mittel	65.2	-----	68.0	----
VK [%]	3.0		2.9	
KGD (5%)	3.2		3.3	
KGD (1%)	4.2		4.3	
Versuchs-Streuung	1.9		2.0	
FG Fehlerterm	55.0		55.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Ceresia	639.9	613.5	614.4	622.0	640.4
Geoxx	666.6	719.7	680.6	669.9	674.8
LG 30.224	638.9	678.8	626.3	666.4	601.2
ES Albatros	685.8	716.0	645.0	668.2	637.1
P8025	657.3	668.4	591.5	637.2	691.6
LZM 162/73	651.8	648.8	579.2	663.6	648.8
LZM 162/51	657.7	616.9	664.3	672.5	677.3
DKC 3440	640.8	627.7	625.3	681.5	636.4
SY Amboss	653.0	666.0	632.4	663.3	648.9
SY Pracht	636.1	707.2	610.5	641.7	666.3
Trianon	602.1	623.1	559.6	601.8	617.6
KXB2301	606.2	642.5	564.3	574.1	619.2
KXB2329	640.1	661.7	590.9	637.7	667.4
P8200	651.4	569.9	652.2	673.1	673.6
Xxilo	690.9	697.1	661.1	678.0	717.6
Suvitan	686.2	706.3	666.9	715.1	659.4
Coditank	594.6	631.2	579.7	593.1	586.2
Maxlat	638.6	615.1	596.7	653.8	666.6
Farmfire	654.0	700.2	598.7	653.5	685.6
Sorte xy	587.9	557.2	610.4	543.2	594.0
Niklas	641.8	647.4	605.0	641.1	654.3
SA1002	655.8	657.7	639.5	670.9	699.1
SL10271	674.5	681.9	630.7	696.6	695.3
P7859	668.5	682.6	653.9	656.3	690.0
KXB3012	639.4	672.5	593.1	614.1	656.4
Amadeo	555.8	561.7	531.0	569.3	587.9
LG 30.218	634.9	618.2	644.7	687.7	634.5
LG 30.223	630.8	606.9	605.6	638.1	592.1
Colisee	613.8	633.2	589.2	613.6	638.5
Millesim	610.3	616.0	602.0	616.5	647.2
Fox	676.8	718.7	677.3	697.4	714.3
Messago	631.9	680.1	577.8	655.0	643.9
ES Tarock	633.5	618.5	599.0	617.2	643.6
Gottardo KWS	635.4	630.0	588.8	647.5	644.9
DKC 3531	667.0	669.9	617.4	711.7	656.2
Pentexx	662.4	677.4	656.9	680.0	661.6
-Bezugsgrösse(n)	671.6	692.2	618.3	652.7	664.4
Versuchs-Mittel	642.0	651.1	615.6	647.9	651.9
VK [%]	6.1	5.5	7.5	5.5	5.4
KGD (5%)	23.8	58.4	74.9	57.9	57.7
KGD (1%)	31.3	77.7	ns	77.1	76.8
Versuchs-Streuung	39.2	35.7	46.0	35.4	35.2
FG Fehlerterm	399.0	55.0	70.0	54.0	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	624909.2	35	11.60 ***	1.45	0.0000
Anbauorte	351960.7	6	38.11 ***	2.12	0.0000
WW Verf.*Anb.Orte	452401.2	210	1.40 ns	1.22	
Fehler	614171.4	399			
Insgesamt	2043442.5	650			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Ceresia	651.3	-----	594.4	-----	743.4	-----
Geoxx	644.2	----	615.3	-----	662.0	-----
LG 30.224	646.9	----	592.2	-----	660.1	-----
ES Albatros	747.0	-----	672.4	-----	715.0	-----
P8025	691.5	-----	644.9	-----	676.1	-----
LZM 162/73	725.8	-----	651.4	-----	645.0	----
LZM 162/51	666.2	-----	610.2	-----	696.8	-----
DKC 3440	640.7	----	587.8	-----	686.3	-----
SY Amboss	710.9	-----	617.4	-----	632.0	----
SY Pracht	663.2	----	592.2	-----	571.7	-
Trianon	656.4	-----	574.9	-----	581.0	-
KXB2301	643.1	----	569.1	-----	631.2	----
KXB2329	660.6	-----	637.4	-----	625.3	----
P8200	727.1	-----	614.7	-----	649.4	-----
Xxilo	697.2	-----	644.9	-----	740.1	-----
Suvitan	698.5	-----	652.8	-----	704.4	-----
Coditank	618.0	--	562.8	-----	591.4	--
Maxlat	668.3	-----	629.5	-----	640.4	-----
Farmfire	691.6	-----	609.1	-----	639.2	-----
Sorte xy	625.6	---	540.6	----	644.1	-----
Niklas	701.4	-----	594.1	-----	649.3	-----
SA1002	672.5	-----	611.0	-----	640.1	-----
SL10271	677.5	-----	631.5	-----	708.3	-----
P7859	687.8	-----	648.6	-----	660.5	-----
KXB3012	698.8	-----	588.2	-----	652.9	-----
Amadeo	588.3	-	482.2	-	569.8	-
LG 30.218	624.7	---	591.1	-----	643.7	-----
LG 30.223	695.1	-----	599.4	-----	678.5	-----
Colisee	609.1	--	578.6	-----	634.1	-----
Millesim	639.8	----	571.1	-----	579.6	-
Fox	643.4	----	617.9	-----	668.2	-----
Messago	654.1	-----	603.6	-----	608.6	---
ES Tarock	712.8	-----	570.7	-----	672.6	-----
Gottardo KWS	689.7	-----	597.7	-----	649.5	-----
DKC 3531	689.0	-----	641.8	-----	683.1	-----
Pentexx	675.3	-----	613.1	-----	672.7	-----
-Bezugsgrösse(n)	719.2	-----	658.6	-----	695.5	-----
Versuchs-Mittel	670.4	-----	604.3	-----	653.0	-----
VK [%]	5.7		5.3		7.3	
KGD (5%)	62.2		52.0		78.2	
KGD (1%)	82.8		69.2		104.1	
Versuchs-Streuung	38.0		31.7		47.8	
FG Fehlerterm	55.0		55.0		55.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Ceresia	217.8	179.6	219.8	183.2	238.2
Geox	219.7	204.2	241.6	197.4	229.0
LG 30.224	217.0	201.8	219.8	180.0	231.3
ES Albatros	236.5	227.8	239.7	206.1	232.9
P8025	224.7	211.4	212.9	171.6	251.6
LZM 162/73	229.5	213.4	222.9	201.4	239.7
LZM 162/51	223.5	192.2	241.2	192.7	243.9
DKC 3440	218.4	180.3	227.0	207.2	230.6
SY Amboss	240.0	220.2	242.6	219.6	256.1
SY Pracht	221.5	202.5	226.7	169.3	252.2
Trianon	210.9	195.9	207.4	191.4	226.9
KXB2301	217.0	201.7	219.8	173.7	237.9
KXB2329	223.0	197.8	222.8	184.5	250.4
P8200	224.4	161.9	238.0	183.3	252.5
Xxilo	230.6	205.9	235.3	185.7	262.2
Suvitan	226.8	205.3	228.5	204.1	233.7
Coditank	217.5	201.3	222.3	187.4	228.5
Maxlat	218.3	175.1	212.0	202.0	252.0
Farmfire	225.0	200.7	226.3	197.6	254.4
Sorte xy	184.8	146.4	209.2	139.0	198.6
Niklas	222.5	207.5	222.4	191.4	237.6
SA1002	226.0	198.1	235.8	179.4	254.7
SL10271	234.0	201.4	233.3	207.3	254.2
P7859	227.6	214.0	234.8	180.9	247.7
KXB3012	219.0	203.8	217.1	181.5	237.2
Amadeo	203.9	184.8	207.3	184.0	228.8
LG 30.218	217.0	188.2	227.3	190.3	232.6
LG 30.223	220.7	186.3	231.2	186.0	229.3
Colisee	219.7	201.8	224.8	181.6	246.6
Millesim	208.8	177.2	225.0	169.7	238.1
Fox	223.0	211.2	235.8	183.8	247.6
Messago	216.9	209.7	209.8	171.6	243.8
ES Tarock	214.4	173.8	228.8	174.5	236.7
Gottardo KWS	224.4	203.8	229.7	192.5	243.1
DKC 3531	219.9	206.3	217.9	197.3	232.4
Pentexx	218.1	210.6	234.1	180.2	228.1
-Bezugsgrösse(n)	230.6	219.6	226.3	188.8	242.2
Versuchs-Mittel	220.6	197.3	225.9	186.9	240.0
VK [%]	6.1	6.5	6.0	9.9	5.1
KGD (5%)	8.2	21.0	22.0	30.3	19.9
KGD (1%)	10.8	28.0	ns	ns	26.6
Versuchs-Streuung	13.5	12.9	13.5	18.5	12.2
FG Fehlerterm	429.0	55.0	70.0	54.0	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	65521.7	35	10.27 ***	1.45	0.0000
Anbauorte	319180.0	6	291.88 ***	2.12	0.0000
WW Verf.*Anb.Orte	61008.5	210	1.59 ns	1.21	
Fehler	78188.3	429			
Insgesamt	523898.5	680			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Ceresia	235.8	----	207.9	-----	260.1	-----
Geoxx	231.6	---	208.3	-----	225.5	----
LG 30.224	239.3	-----	209.4	-----	237.5	-----
ES Albatros	270.0	-----	231.2	-----	247.5	-----
P8025	252.7	-----	232.2	-----	240.8	-----
LZM 162/73	266.9	-----	229.3	-----	232.9	----
LZM 162/51	246.8	-----	207.3	-----	240.2	-----
DKC 3440	233.7	----	210.0	-----	240.0	-----
SY Amboss	270.4	-----	226.3	-----	245.1	-----
SY Pracht	258.9	-----	217.9	-----	223.3	---
Trianon	239.6	-----	205.1	-----	209.7	-
KXB2301	243.5	-----	211.5	-----	231.1	-----
KXB2329	246.6	-----	231.4	-----	227.3	----
P8200	265.6	-----	225.8	-----	243.7	-----
Xxilo	248.9	-----	219.7	-----	256.4	-----
Suvitan	244.6	-----	224.6	-----	246.7	-----
Coditank	241.0	----	211.5	-----	230.6	----
Maxlat	241.6	----	220.1	-----	225.4	----
Farmfire	256.3	-----	216.9	-----	222.9	---
Sorte xy	217.8	-	171.3	-	211.3	-
Niklas	255.9	-----	209.3	-----	233.7	-----
SA1002	252.3	-----	225.8	-----	236.0	-----
SL10271	257.6	-----	229.7	-----	254.4	-----
P7859	249.8	-----	238.0	-----	228.2	----
KXB3012	247.2	-----	205.7	-----	240.6	-----
Amadeo	222.4	-	185.5	---	214.4	--
LG 30.218	235.0	----	206.4	-----	239.2	-----
LG 30.223	260.6	-----	211.9	-----	239.5	-----
Colisee	232.5	---	213.2	-----	237.3	-----
Millesim	231.3	---	205.0	-----	215.0	--
Fox	237.4	----	216.7	-----	228.8	----
Messago	241.3	-----	208.7	-----	233.1	-----
ES Tarock	247.3	-----	202.6	-----	236.9	-----
Gottardo KWS	258.4	-----	211.3	-----	232.1	-----
DKC 3531	243.3	-----	214.6	-----	227.4	----
Pentexx	239.4	-----	208.4	-----	225.9	----
-Bezugsgrösse(n)	261.3	-----	231.7	-----	244.1	-----
Versuchs-Mittel	246.2	-----	214.2	-----	233.9	-----
VK [%]	4.8		5.0		6.0	
KGD (5%)	19.3		17.4		22.7	
KGD (1%)	25.6		23.2		30.2	
Versuchs-Streuung	11.9		10.7		14.0	
FG Fehlerterm	70.0		55.0		70.0	
Anz. Beob.	3.0		3.0		3.0	

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	5643 Alikon AG
Ceresia	34.1 -----	29.4 ----	35.7 ----	29.5 -----	37.2 -----
Geoxx	33.1 ----	28.3 ---	35.4 ---	29.6 -----	34.1 --
LG 30.224	34.0 ----	29.6 ----	34.9 --	26.9 --	38.4 -----
ES Albatros	34.5 -----	31.5 -----	37.3 -----	30.9 -----	36.5 -----
P8025	34.1 -----	31.5 -----	36.1 ----	26.7 --	36.4 -----
LZM 162/73	35.3 -----	32.9 -----	38.6 -----	30.2 -----	37.0 -----
LZM 162/51	33.9 ----	31.4 -----	36.3 ----	28.6 ----	35.8 ----
DKC 3440	34.2 -----	29.2 ----	36.3 ----	30.4 -----	36.3 ----
SY Amboss	36.8 -----	33.0 -----	38.4 -----	33.1 -----	39.5 -----
SY Pracht	34.9 -----	28.6 ----	37.1 -----	26.3 -	37.7 -----
Trianon	35.1 -----	31.5 -----	37.0 -----	31.8 -----	36.7 -----
KXB2301	35.8 -----	31.1 -----	39.0 -----	30.1 -----	38.5 -----
KXB2329	35.0 -----	30.2 ----	37.8 -----	29.0 ----	37.6 -----
P8200	34.3 -----	27.9 --	36.6 ----	27.2 --	37.5 -----
Xxilo	33.4 ----	29.5 ----	35.6 ----	27.4 --	36.4 ----
Suvidan	33.1 ----	28.7 ----	34.2 -	28.6 ----	35.4 ----
Coditank	36.7 -----	32.4 -----	38.5 -----	31.5 -----	39.1 -----
Maxlat	34.2 -----	28.4 ---	35.8 ----	31.1 -----	37.8 -----
Farmfire	34.5 -----	28.7 ----	38.0 -----	30.1 -----	37.2 -----
Sorte xy	31.4 -	26.7 -	34.3 -	25.7 -	33.5 -
Niklas	34.7 -----	32.3 -----	36.7 -----	29.7 -----	36.3 ----
SA1002	34.6 -----	30.2 ----	37.0 -----	26.8 --	36.6 -----
SL10271	34.7 -----	29.7 ----	37.0 -----	29.7 -----	36.4 -----
P7859	34.0 ----	31.7 -----	35.8 ----	27.6 --	35.7 ----
KXB3012	34.2 -----	30.2 ----	36.4 ----	29.5 -----	36.4 ----
Amadeo	36.7 -----	32.6 -----	39.0 -----	32.3 -----	38.9 -----
LG 30.218	34.3 ----	30.5 -----	35.5 ---	27.8 ---	36.8 ----
LG 30.223	35.0 -----	30.6 -----	38.3 -----	29.2 ----	38.7 -----
Colisee	35.9 -----	31.8 -----	38.2 -----	29.7 -----	38.7 -----
Millesim	34.3 -----	28.8 ----	37.2 -----	27.7 --	36.7 -----
Fox	33.2 ----	29.3 ----	35.0 --	27.0 --	34.8 ---
Messago	34.4 -----	30.9 -----	36.3 ----	26.3 -	37.8 -----
ES Tarock	33.8 ----	28.1 ---	38.3 -----	28.4 ----	36.7 -----
Gottardo KWS	35.3 -----	32.2 -----	39.1 -----	29.5 -----	37.7 -----
DKC 3531	33.1 ----	31.0 -----	35.5 ---	27.8 --	35.4 ----
Pentexx	32.9 ---	30.8 -----	35.5 ---	26.5 --	34.6 ---
-Bezugsgrösse(n)	34.3 -----	31.5 -----	36.7 -----	28.8 ----	36.4 -----
Versuchs-Mittel	34.4 -----	30.3 -----	36.8 -----	28.9 ----	36.9 -----
VK [%]	3.9	4.4	3.2	8.0	2.4
KGD (5%)	0.8	2.2	1.9	3.8	1.4
KGD (1%)	1.1	2.9	2.5	5.0	1.9
Versuchs-Streuung	1.3	1.3	1.2	2.3	0.9
FG Fehlerterm	445.0	70.0	55.0	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	912.6	35	14.74 ***	1.45	0.0000
Anbauorte	7317.8	6	689.53 ***	2.12	0.0000
WW Verf.*Anb.Orte	672.3	210	1.81 ***	1.21	0.0006
Fehler	787.1	445			
Insgesamt	9689.8	696			

Précocité [% MS] / Frühreife [% TS]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Ceresia	36.5	-----	35.1	-----	35.1	----
Geoxx	36.0	----	33.8	----	34.2	---
LG 30.224	37.0	-----	35.3	-----	35.7	-----
ES Albatros	36.1	----	34.4	----	34.8	----
P8025	36.3	----	36.0	-----	35.7	-----
LZM 162/73	36.7	-----	35.2	-----	36.4	-----
LZM 162/51	36.9	-----	34.2	----	34.4	---
DKC 3440	36.6	-----	35.8	-----	34.8	----
SY Amboss	38.2	-----	36.6	-----	38.8	-----
SY Pracht	39.2	-----	36.4	-----	38.7	-----
Trianon	36.6	-----	35.6	-----	36.2	-----
KXB2301	37.8	-----	37.0	-----	36.8	-----
KXB2329	37.3	-----	36.6	-----	36.3	-----
P8200	36.6	-----	36.7	-----	37.5	-----
Xxilo	35.8	---	34.1	---	35.0	----
Suvitan	35.2	--	34.3	----	35.4	-----
Coditank	38.7	-----	37.8	-----	39.0	-----
Maxlat	36.1	----	35.1	-----	35.5	-----
Farmfire	37.0	-----	35.4	-----	34.9	----
Sorte xy	34.8	-	31.9	-	33.0	-
Niklas	36.5	----	35.3	-----	36.1	-----
SA1002	37.4	-----	37.0	-----	37.4	-----
SL10271	38.0	-----	36.4	-----	35.3	----
P7859	36.3	----	36.7	-----	34.4	---
KXB3012	35.3	--	34.8	----	36.8	-----
Amadeo	38.0	-----	38.5	-----	37.7	-----
LG 30.218	37.5	-----	35.0	-----	36.9	-----
LG 30.223	37.5	-----	35.5	-----	35.6	-----
Colisee	38.2	-----	36.9	-----	37.6	-----
Millesim	36.2	----	36.1	-----	37.1	-----
Fox	37.2	-----	35.0	-----	34.2	---
Messago	36.8	-----	34.5	-----	38.1	-----
ES Tarock	34.7	-	35.5	-----	35.2	----
Gottardo KWS	37.6	-----	35.3	-----	36.0	-----
DKC 3531	35.4	--	33.6	---	33.0	-
Pentexx	35.5	--	33.8	----	33.8	--
-Bezugsgrösse(n)	36.2	----	35.2	-----	35.3	----
Versuchs-Mittel	36.8	-----	35.5	-----	35.9	-----
VK [%]	2.5		2.4		3.0	
KGD (5%)	1.5		1.4		1.7	
KGD (1%)	2.0		1.8		2.3	
Versuchs-Streuung	0.9		0.9		1.1	
FG Fehlerterm	55.0		70.0		55.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		8046 Reckenholz ZH	
Ceresia	0.5	-	0.5	-
Geoxx	1.6	--	1.6	--
LG 30.224	1.0	-	1.0	-
ES Albatros	0.0	-	0.0	-
P8025	0.0	-	0.0	-
LZM 162/73	1.6	--	1.6	--
LZM 162/51	0.0	-	0.0	-
DKC 3440	0.5	-	0.5	-
SY Amboss	0.0	-	0.0	-
SY Pracht	0.0	-	0.0	-
Trianon	0.0	-	0.0	-
KXB2301	0.0	-	0.0	-
KXB2329	0.0	-	0.0	-
P8200	1.2	-	1.2	-
Xxilo	7.0	-----	7.0	-----
Suvitan	9.4	-----	9.4	-----
Coditank	0.5	-	0.5	-
Maxlat	1.8	--	1.8	--
Farmfire	16.7	-----	16.7	-----
Sorte xy	11.9	-----	11.9	-----
Niklas	0.0	-	0.0	-
SA1002	3.8	---	3.8	---
SL10271	0.0	-	0.0	-
P7859	0.0	-	0.0	-
KXB3012	2.1	--	2.1	--
Amadeo	1.1	-	1.1	-
LG 30.218	0.0	-	0.0	-
LG 30.223	0.0	-	0.0	-
Colisee	0.0	-	0.0	-
Millesim	0.6	-	0.6	-
Fox	2.2	--	2.2	--
Messago	1.6	--	1.6	--
ES Tarock	0.0	-	0.0	-
Gottardo KWS	0.0	-	0.0	-
DKC 3531	2.2	--	2.2	--
Pentexx	0.6	-	0.6	-
-Bezugsgrösse(n)	0.0	-	0.0	-
Versuchs-Mittel	1.9	--	1.9	--
VK [%]	185.6		185.6	
KGD (5%)	5.7		5.7	
KGD (1%)	7.6		7.6	
Versuchs-Streuung	3.5		3.5	
FG Fehlerterm	70.0		70.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		8046 Reckenholz ZH	
Ceresia	0.0	-	0.0	-	0.0	-
Geox	19.0	-----	37.5	-----	0.5	-
LG 30.224	2.0	--	4.0	--	0.0	-
ES Albatros	9.0	-----	18.0	-----	0.0	-
P8025	1.6	--	3.2	--	0.0	-
LZM 162/73	6.7	----	12.8	----	0.6	-
LZM 162/51	2.4	--	4.8	---	0.0	-
DKC 3440	-0.1	-	-0.2	-	0.0	-
SY Amboss	3.7	---	7.3	---	0.0	-
SY Pracht	-1.2	-	-2.5	-	0.0	-
Trianon	1.3	--	2.6	--	0.0	-
KXB2301	2.2	--	4.3	--	0.0	-
KXB2329	2.7	--	5.3	---	0.0	-
P8200	0.2	-	0.3	-	0.0	-
Xxilo	15.2	-----	29.3	-----	1.1	-
Suvitan	23.2	-----	38.2	-----	8.3	-----
Coditank	-0.5	-	-1.0	-	0.0	-
Maxlat	3.7	---	6.3	---	1.2	--
Farmfire	19.8	-----	26.8	-----	12.9	-----
Sorte xy	12.3	-----	16.8	-----	7.8	-----
Niklas	8.5	-----	17.0	-----	0.0	-
SA1002	6.0	----	8.7	---	3.3	---
SL10271	17.2	-----	34.5	-----	0.0	-
P7859	-0.5	-	-1.0	-	0.0	-
KXB3012	1.7	--	2.8	--	0.5	-
Amadeo	0.9	--	1.9	--	0.0	-
LG 30.218	2.1	--	4.3	--	0.0	-
LG 30.223	0.7	--	1.5	--	0.0	-
Colisee	-1.7	-	-3.3	-	0.0	-
Millesim	-0.0	-	-1.2	-	1.1	-
Fox	0.0	-	0.0	-	0.0	-
Messago	0.4	-	0.9	--	0.0	-
ES Tarock	0.8	--	1.5	--	0.0	-
Gottardo KWS	-1.7	-	-3.3	-	0.0	-
DKC 3531	7.7	----	15.3	-----	0.0	-
Pentexx	9.4	-----	18.8	-----	0.0	-
-Bezugsgrösse(n)	5.3	---	10.6	----	0.0	-
Versuchs-Mittel	4.9	---	8.7	---	1.0	-
VK [%]	169.1		136.3		313.4	
KGD (5%)	9.4		19.4		5.3	
KGD (1%)	12.4		25.8		7.0	
Versuchs-Streuung	8.2		11.8		3.2	
FG Fehlerterm	125.0		55.0		70.0	
Anz. Beob.	6.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	9466.9	35	4.01 ***	1.52	0.0000
Anbauorte	3156.4	1	46.79 ***	3.91	0.0000
WW Verf.*Anb.Orte	6074.5	35	2.57 ***	1.52	0.0004
Fehler	8432.2	125			
Insgesamt	27130.0	196			

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1260 Nyon VD	3065 Habstetten BE	8046 Reckenholz ZH	8193 Eglisau ZH
Ceresia	1.1 --	2.1 ---	0.6 ---	2.7 ---	0.0 -
Geoxx	0.4 -	0.7 --	1.0 ----	0.4 -	0.0 -
LG 30.224	-0.2 -	0.2 -	0.0 -	-1.1 -	0.0 -
ES Albatros	0.2 -	-0.2 -	0.0 -	0.4 -	0.0 -
P8025	0.4 -	1.3 --	0.7 ---	0.0 -	0.0 -
LZM 162/73	3.1 ----	8.0 -----	2.0 -----	2.9 ---	1.8 --
LZM 162/51	0.1 -	-0.3 -	0.0 -	0.6 --	0.0 -
DKC 3440	0.7 --	1.1 --	0.4 --	0.1 -	0.0 -
SY Amboss	3.6 ----	1.9 ---	1.0 ----	10.2 -----	2.2 --
SY Pracht	1.3 ---	0.2 -	0.6 ---	3.9 ---	0.6 -
Trianon	1.1 --	1.1 --	0.0 -	1.0 --	3.5 ---
KXB2301	2.0 ---	1.5 ---	0.0 -	6.5 ----	1.1 -
KXB2329	2.3 ----	4.3 ----	0.0 -	3.9 ---	2.8 ---
P8200	2.6 ----	5.1 -----	0.7 ---	3.7 ---	3.7 ---
Xxilo	1.1 --	1.5 ---	0.0 -	3.2 ---	0.6 -
Suvitan	1.0 --	1.4 --	0.0 -	3.2 ---	0.6 -
Coditank	1.6 ---	3.5 ----	1.0 ----	1.2 --	1.2 -
Maxlat	3.0 ----	1.3 --	1.0 ----	9.0 -----	3.9 ---
Farmfire	0.3 -	1.3 --	0.0 -	0.2 -	0.0 -
Sorte xy	1.8 ---	2.5 ----	3.1 -----	3.3 ---	0.0 -
Niklas	2.9 ----	3.7 ----	1.6 ----	7.5 ----	0.6 -
SA1002	3.0 ----	1.3 --	1.0 ----	11.0 -----	0.6 -
SL10271	7.4 -----	5.2 -----	1.7 -----	12.6 -----	13.9 -----
P7859	5.7 -----	1.5 --	0.6 ---	17.9 -----	7.4 ----
KXB3012	2.1 ---	3.4 ----	0.0 -	5.7 ---	1.2 -
Amadeo	2.0 ----	3.1 ----	0.0 -	6.1 ----	1.1 -
LG 30.218	0.5 -	0.9 --	0.0 -	1.0 --	0.5 -
LG 30.223	0.6 --	0.5 -	0.0 -	1.1 --	1.2 -
Colisee	4.7 ----	9.3 -----	1.0 ----	11.3 -----	1.1 -
Millesim	3.6 ----	3.1 ----	0.0 -	7.1 ----	8.0 ----
Fox	2.5 ----	3.5 ----	1.0 ----	3.5 ---	3.9 ---
Messago	0.8 --	1.1 --	1.7 ----	0.2 -	1.1 -
ES Tarock	1.9 ---	3.4 ----	0.7 ---	3.1 ---	0.6 -
Gottardo KWS	2.5 ----	4.1 ----	0.0 -	5.4 ----	1.5 --
DKC 3531	0.3 -	-0.3 -	0.3 --	0.1 -	1.3 --
Pentexx	0.7 --	-0.1 -	0.4 --	1.8 --	1.3 --
-Bezugsgrösse(n)	0.3 -	0.5 -	0.3 --	0.2 -	0.0 -
Versuchs-Mittel	1.9 ---	2.3 ---	0.6 ---	4.2 ---	1.9 --
VK [%]	119.5	91.1	205.9	83.1	147.5
KGD (5%)	1.6	3.4	ns	5.7	4.5
KGD (1%)	2.2	4.5	ns	7.6	6.0
Versuchs-Streuung	2.3	2.1	1.3	3.5	2.8
FG Fehlerterm	320.0	55.0	70.0	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	1455.8	35	8.01 ***	1.46	0.0000
Anbauorte	946.5	4	45.59 ***	2.40	0.0000
WW Verf.*Anb.Orte	1958.6	140	2.70 ***	1.26	0.0001
Fehler	1660.9	320			
Insgesamt	6021.8	499			

Charbon [%] / Beulenbrand [%]

Verfahren	8566 Ellighausen TG	
Ceresia	0.0	-
Geoxx	0.0	-
LG 30.224	0.0	-
ES Albatros	0.6	--
P8025	0.0	-
LZM 162/73	1.1	---
LZM 162/51	0.0	-
DKC 3440	1.6	-----
SY Amboss	2.6	-----
SY Pracht	1.2	----
Trianon	0.0	-
KXB2301	1.0	---
KXB2329	0.5	--
P8200	0.0	-
Xxilo	0.0	-
Suvitan	0.0	-
Coditank	1.1	---
Maxlat	0.0	-
Farmfire	0.0	-
Sorte xy	0.0	-
Niklas	1.0	---
SA1002	1.0	---
SL10271	3.8	-----
P7859	1.1	---
KXB3012	0.0	-
Amadeo	0.0	-
LG 30.218	0.0	-
LG 30.223	0.0	-
Colisee	1.1	---
Millesim	0.0	-
Fox	0.5	--
Messago	0.0	-
ES Tarock	1.6	-----
Gottardo KWS	1.5	----
DKC 3531	0.0	-
Pentexx	0.0	-
-Bezugsgrösse(n)	0.3	-
Versuchs-Mittel	0.6	--
VK [%]	217.0	
KGD (5%)	ns	
KGD (1%)	ns	
Versuchs-Streuung	1.3	
FG Fehlerterm	70.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel		1260 Nyon VD		1567 Delley FR		3065 Habstetten BE		5643 Alikon AG	
Ceresia	9.7	-----	9.1	----	10.0	-----	10.3	-----	9.1	-----
Geoxx	9.5	-----	10.1	-----	10.0	-----	9.5	-----	9.3	-----
LG 30.224	9.9	-----	9.9	-----	10.0	-----	10.1	-----	9.6	-----
ES Albatros	9.6	-----	9.9	-----	10.0	-----	9.0	-----	9.5	-----
P8025	9.7	-----	10.0	-----	10.0	-----	10.3	-----	9.3	-----
LZM 162/73	9.7	-----	9.9	-----	10.0	-----	10.0	-----	9.4	-----
LZM 162/51	9.6	-----	9.3	-----	10.0	-----	10.3	-----	9.5	-----
DKC 3440	9.7	-----	9.5	-----	10.0	-----	9.8	-----	9.1	-----
SY Amboss	9.9	-----	10.0	-----	10.0	-----	10.4	-----	9.4	-----
SY Pracht	9.4	-----	9.6	-----	10.0	-----	10.1	-----	9.9	-----
Trianon	9.9	-----	9.6	-----	10.0	-----	10.3	-----	9.6	-----
KXB2301	10.1	-----	10.0	-----	10.0	-----	10.2	-----	9.5	-----
KXB2329	9.8	-----	9.9	-----	10.0	-----	10.2	-----	9.6	-----
P8200	9.7	-----	9.5	-----	10.0	-----	10.1	-----	9.5	-----
Xxilo	9.6	-----	9.5	-----	10.0	-----	9.8	-----	9.3	-----
Suvitan	9.6	-----	10.0	-----	10.0	-----	9.9	-----	9.4	-----
Coditank	9.7	-----	9.3	-----	10.0	-----	10.0	-----	9.4	-----
Maxlat	9.8	-----	9.6	-----	10.0	-----	10.0	-----	9.7	-----
Farmfire	9.6	-----	9.6	-----	10.0	-----	10.0	-----	9.0	-----
Sorte xy	7.6	-	8.2	-	8.2	-	6.6	-	7.0	-
Niklas	9.7	-----	9.6	-----	10.0	-----	10.1	-----	9.1	-----
SA1002	9.7	-----	9.3	-----	10.0	-----	10.1	-----	9.5	-----
SL10271	9.6	-----	9.5	-----	10.0	-----	9.9	-----	8.7	-----
P7859	10.1	-----	9.9	-----	10.0	-----	10.7	-----	9.5	-----
KXB3012	9.9	-----	9.8	-----	10.0	-----	10.8	-----	9.4	-----
Amadeo	9.6	-----	9.7	-----	10.0	-----	9.9	-----	8.9	-----
LG 30.218	9.5	-----	9.7	-----	10.0	-----	9.8	-----	9.3	-----
LG 30.223	9.6	-----	10.0	-----	10.0	-----	9.8	-----	8.3	-----
Colisee	9.8	-----	10.0	-----	10.0	-----	10.0	-----	9.3	-----
Millesim	9.9	-----	9.9	-----	10.0	-----	10.2	-----	9.3	-----
Fox	9.6	-----	9.5	-----	10.0	-----	9.9	-----	9.0	-----
Messago	9.6	-----	10.0	-----	10.0	-----	10.0	-----	8.7	-----
ES Tarock	9.1	-----	9.2	-----	10.0	-----	9.2	-----	9.2	-----
Gottardo KWS	10.1	-----	9.8	-----	10.0	-----	11.3	-----	8.9	-----
DKC 3531	9.5	-----	9.2	-----	10.0	-----	9.9	-----	9.4	-----
Pentexx	9.2	-----	9.3	-----	10.0	-----	9.1	-----	9.7	-----
-Bezugsgrösse(n)	9.6	-----	9.9	-----	10.0	-----	9.6	-----	9.4	-----
Versuchs-Mittel	9.6	-----	9.6	-----	10.0	-----	9.9	-----	9.2	-----
VK [%]	5.0		3.6		0.7		4.1		5.8	
KGD (5%)	0.3		0.6		0.1		0.7		0.9	
KGD (1%)	0.4		0.8		0.1		0.9		1.2	
Versuchs-Streuung	0.5		0.4		0.1		0.4		0.5	
FG Fehlerterm	430.0		70.0		70.0		55.0		55.0	
Anz. Beob.	21.0		3.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	120.9	35	14.95	***	1.45	0.0000
Anbauorte	71.9	6	51.85	***	2.12	0.0000
WW Verf. *Anb.Orte	78.7	210	1.62	ns	1.21	
Fehler	99.4	430				
Insgesamt	370.9	681				

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
Ceresia	10.0	-----	9.3	-----	10.1	-----
Geoxx	10.0	-----	9.2	-----	8.6	-
LG 30.224	9.7	-----	9.4	-----	10.6	-----
ES Albatros	9.4	-----	9.4	-----	9.7	-----
P8025	9.6	-----	8.8	-----	10.1	-----
LZM 162/73	9.7	-----	8.8	-----	10.0	-----
LZM 162/51	9.3	-----	9.2	-----	9.4	----
DKC 3440	9.8	-----	9.3	-----	10.3	-----
SY Amboss	9.9	-----	9.4	-----	10.3	-----
SY Pracht	9.3	-----	8.6	-----	8.6	-
Trianon	10.3	-----	9.3	-----	10.4	-----
KXB2301	10.1	-----	10.2	-----	10.8	-----
KXB2329	9.7	-----	9.2	-----	9.9	-----
P8200	9.7	-----	8.9	-----	10.2	-----
Xxilo	9.7	-----	9.1	-----	9.5	-----
Suvitan	9.5	-----	8.6	-----	9.8	-----
Coditank	9.9	-----	9.2	-----	9.8	-----
Maxlat	9.7	-----	9.5	-----	9.7	-----
Farmfire	9.4	-----	9.2	-----	9.9	-----
Sorte xy	8.3	-	6.2	-	8.8	-
Niklas	9.9	-----	8.9	-----	10.2	-----
SA1002	9.7	-----	9.1	-----	10.4	-----
SL10271	9.5	-----	9.6	-----	9.6	-----
P7859	10.0	-----	9.6	-----	10.8	-----
KXB3012	10.2	-----	9.5	-----	9.5	-----
Amadeo	9.7	-----	9.6	-----	9.4	-----
LG 30.218	8.9	----	9.2	-----	9.8	-----
LG 30.223	9.9	-----	9.1	-----	9.9	-----
Colisee	9.6	-----	9.6	-----	10.1	-----
Millesim	9.9	-----	9.9	-----	10.4	-----
Fox	9.8	-----	9.2	-----	10.0	-----
Messago	9.8	-----	9.2	-----	9.7	-----
ES Tarock	8.9	----	8.2	-----	9.2	---
Gottardo KWS	10.2	-----	10.1	-----	10.6	-----
DKC 3531	9.3	-----	8.6	-----	10.0	-----
Pentexx	9.4	-----	8.0	-----	8.9	--
-Bezugsgrösse(n)	9.5	-----	9.1	-----	9.9	-----
Versuchs-Mittel	9.7	-----	9.1	-----	9.9	-----
VK [%]	4.7		6.8		7.6	
KGD (5%)	0.7		1.0		1.2	
KGD (1%)	1.0		1.3		ns	
Versuchs-Streuung	0.5		0.6		0.7	
FG Fehlerterm	70.0		55.0		55.0	
Anz. Beob.	3.0		3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon VD		3065 Habstetten BE		8046 Reckenholz ZH	
Ceresia	42.7	-----	44.4	-----	38.3	----	45.5	-----
Geoxx	42.9	-----	45.5	-----	38.4	----	44.7	-----
LG 30.224	44.9	-----	42.9	----	44.4	-----	47.5	-----
ES Albatros	43.7	-----	43.0	----	40.9	-----	47.2	-----
P8025	44.4	-----	45.8	-----	40.6	-----	46.7	-----
LZM 162/73	41.7	----	42.0	----	38.9	----	44.4	----
LZM 162/51	45.8	-----	45.7	-----	43.4	-----	48.4	-----
DKC 3440	37.9	-	37.4	-	36.7	---	39.6	-
SY Amboss	45.2	-----	44.6	-----	42.0	-----	48.9	-----
SY Pracht	46.4	-----	50.2	-----	44.2	-----	44.8	----
Trianon	40.3	---	40.2	---	39.1	----	41.6	---
KXB2301	41.3	----	42.4	----	36.2	--	45.5	-----
KXB2329	43.3	-----	43.9	-----	40.5	-----	45.4	-----
P8200	44.4	-----	43.8	-----	40.2	-----	49.0	-----
Xxilo	42.9	-----	44.2	-----	39.8	----	44.8	----
Suvitan	40.7	----	39.3	--	39.9	-----	43.0	----
Coditank	40.4	----	41.7	----	35.6	--	44.0	----
Maxlat	45.0	-----	46.9	-----	40.9	-----	47.4	-----
Farmfire	45.1	-----	47.4	-----	42.5	-----	45.4	-----
Sorte xy	40.0	---	41.7	----	36.8	---	41.7	---
Niklas	43.5	-----	45.7	-----	38.7	----	46.0	-----
SA1002	42.7	-----	42.8	-----	39.6	-----	45.7	-----
SL10271	41.5	----	40.1	---	39.0	-----	45.5	-----
P7859	43.5	-----	42.7	-----	40.9	-----	46.9	-----
KXB3012	42.3	-----	42.5	-----	38.3	----	46.3	-----
Amadeo	42.0	-----	42.6	-----	38.3	----	45.1	-----
LG 30.218	45.8	-----	45.0	-----	43.9	-----	48.7	-----
LG 30.223	42.2	-----	44.3	-----	38.2	----	44.0	----
Colisee	44.2	-----	45.8	-----	40.6	-----	46.3	-----
Millesim	40.4	----	41.6	----	37.5	---	42.2	---
Fox	43.0	-----	41.2	----	42.1	-----	45.7	-----
Messago	46.1	-----	46.3	-----	45.3	-----	46.7	-----
ES Tarock	41.9	-----	42.9	-----	36.5	--	46.3	-----
Gottardo KWS	39.5	--	39.5	--	34.6	-	44.4	-----
DKC 3531	41.1	----	41.8	----	38.3	----	43.2	----
Pentexx	40.5	----	43.6	-----	37.0	---	41.0	--
-Bezugsgrösse(n)	44.0	-----	44.4	-----	40.7	-----	47.0	-----
Versuchs-Mittel	42.8	-----	43.4	-----	39.7	-----	45.3	-----
VK [%]	5.9		6.8		5.6		5.3	
KGD (5%)	2.3		4.8		3.6		3.9	
KGD (1%)	3.1		6.4		4.8		5.2	
Versuchs-Streuung	2.5		2.9		2.2		2.4	
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	1358.9	35	6.16 ***	1.49	0.0000
Anbauorte	1755.5	2	139.27 ***	3.04	0.0000
WW Verf.*Anb.Orte	568.0	70	1.29 ns	1.37	0.0938
Fehler	1134.5	180			
Insgesamt	4817.0	287			

Floraison [jours] / Blühbeginn [Tage]

Verfahren	Seriemittel	1260 Nyon VD	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	76.2 -----	75.3 -----	85.8 -----	67.6 -----
Geox	76.3 -----	73.5 ----	87.9 -----	67.4 -----
LG 30.224	74.7 -----	72.6 --	84.8 -----	66.6 -----
ES Albatros	74.8 -----	72.0 -	85.2 -----	67.3 -----
P8025	75.9 -----	72.6 --	88.1 -----	67.1 -----
LZM 162/73	74.5 -----	72.8 --	84.9 -----	65.7 ----
LZM 162/51	74.6 -----	72.5 --	85.4 -----	66.0 ----
DKC 3440	76.6 -----	73.0 ---	88.2 -----	68.7 -----
SY Amboss	76.1 -----	72.6 --	87.8 -----	68.0 -----
SY Pracht	75.2 -----	72.7 --	86.8 -----	65.9 ----
Trianon	73.4 ----	73.3 ----	80.5 --	66.4 ----
KXB2301	72.5 --	72.4 --	80.0 --	65.0 --
KXB2329	73.2 ----	72.4 --	81.2 ---	66.0 ----
P8200	74.9 -----	73.0 ---	85.4 -----	66.3 ----
Xxilo	75.5 -----	73.4 ----	86.0 -----	67.0 ----
Suvitan	76.4 -----	73.7 ----	87.5 -----	68.0 -----
Coditank	76.5 -----	74.3 -----	87.0 -----	68.0 -----
Maxlat	75.6 -----	72.8 --	87.7 -----	66.1 ----
Farmfire	73.5 ----	72.5 --	80.8 --	67.3 -----
Sorte xy	76.8 -----	76.6 -----	87.5 -----	66.2 ----
Niklas	74.2 ----	72.3 -	83.7 -----	66.7 -----
SA1002	75.7 -----	72.4 --	87.3 -----	67.3 -----
SL10271	76.5 -----	74.0 -----	88.1 -----	67.4 -----
P7859	75.3 -----	73.2 ---	86.1 -----	66.7 -----
KXB3012	72.8 ---	71.9 -	81.0 ---	65.4 ---
Amadeo	71.8 -	72.0 -	79.1 -	64.3 -
LG 30.218	74.7 -----	72.2 -	86.1 -----	65.7 ----
LG 30.223	74.3 -----	72.4 --	84.8 -----	65.7 ----
Colisee	72.3 --	72.5 --	79.5 -	65.0 --
Millesim	72.0 -	72.1 -	79.5 -	64.4 -
Fox	75.4 -----	72.1 -	87.9 -----	66.2 -----
Messago	74.2 -----	72.0 -	84.5 -----	66.1 -----
ES Tarock	73.7 ----	72.9 ---	82.0 ----	66.3 -----
Gottardo KWS	73.2 ---	72.0 -	81.5 ---	66.0 ----
DKC 3531	76.3 -----	73.1 ---	88.3 -----	67.6 -----
Pentexx	74.9 -----	73.0 ---	83.7 -----	67.9 -----

-Bezugsgrösse(n)	75.4 -----	72.3 -	86.6 -----	67.2 -----
Versuchs-Mittel	74.7 -----	72.9 ---	84.8 -----	66.5 -----

VK [%]	1.7	1.6	2.0	1.3
KGD (5%)	1.2	1.9	2.8	1.4
KGD (1%)	1.6	2.5	3.8	1.9
Versuchs-Streuung	1.3	1.2	1.7	0.9
FG Fehlerterm	165.0	55.0	55.0	55.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	640.1	35	10.78 ***	1.49	0.0000
Anbauorte	18495.2	2	5451.13 ***	3.05	0.0000
WW Verf.*Anb.Orte	519.2	70	4.37 ***	1.38	0.0000
Fehler	279.9	165			
Insgesamt	19934.4	272			

Pyrale [%] / Maiszünsler [%]

Verfahren	Seriemittel	3065 Habstetten BE
Ceresia	12.1 -----	12.1 -----
Geoxx	8.1 -----	8.1 -----
LG 30.224	10.8 -----	10.8 -----
ES Albatros	5.8 ----	5.8 ----
P8025	6.7 -----	6.7 -----
LZM 162/73	7.5 -----	7.5 -----
LZM 162/51	12.0 -----	12.0 -----
DKC 3440	6.0 ----	6.0 ----
SY Amboss	8.6 -----	8.6 -----
SY Pracht	6.1 ----	6.1 ----
Trianon	9.1 -----	9.1 -----
KXB2301	9.9 -----	9.9 -----
KXB2329	7.9 -----	7.9 -----
P8200	6.1 ----	6.1 ----
Xxilo	6.0 ----	6.0 ----
Suvitan	6.3 ----	6.3 ----
Coditank	10.2 -----	10.2 -----
Maxlat	2.8 --	2.8 --
Farmfire	8.2 -----	8.2 -----
Sorte xy	7.7 -----	7.7 -----
Niklas	10.8 -----	10.8 -----
SA1002	6.9 -----	6.9 -----
SL10271	4.1 ---	4.1 ---
P7859	5.9 ----	5.9 ----
KXB3012	13.1 -----	13.1 -----
Amadeo	12.5 -----	12.5 -----
LG 30.218	1.3 -	1.3 -
LG 30.223	3.1 --	3.1 --
Colisee	8.5 -----	8.5 -----
Millesim	12.6 -----	12.6 -----
Fox	4.0 ---	4.0 ---
Messago	7.7 -----	7.7 -----
ES Tarock	12.3 -----	12.3 -----
Gottardo KWS	8.3 -----	8.3 -----
DKC 3531	7.5 -----	7.5 -----
Pentexx	14.8 -----	14.8 -----
-Bezugsgrösse(n)	6.2 ----	6.2 ----
Versuchs-Mittel	8.1 -----	8.1 -----
VK [%]	50.4	50.4
KGD (5%)	6.7	6.7
KGD (1%)	ns	ns
Versuchs-Streuung	4.1	4.1
FG Fehlerterm	55.0	55.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	6.6 -----	6.7 ----	6.9 ----	5.8 ----	6.6 -----
Geoxx	6.5 ----	6.6 --	6.9 ----	5.9 -----	6.3 ---
LG 30.224	6.7 -----	7.0 -----	7.0 -----	6.0 -----	6.6 -----
ES Albatros	6.6 -----	6.8 ----	6.9 ----	5.7 ---	6.5 ----
P8025	6.6 -----	7.1 -----	6.8 ----	5.8 ----	6.5 -----
LZM 162/73	6.6 -----	7.1 -----	6.9 ----	5.8 ----	6.6 -----
LZM 162/51	6.8 -----	7.1 -----	7.0 ----	6.1 -----	6.6 -----
DKC 3440	6.5 ----	6.6 ---	6.9 ----	5.9 -----	6.4 ----
SY Amboss	6.6 -----	6.9 -----	6.9 ----	6.1 -----	6.4 ----
SY Pracht	6.6 -----	6.7 ----	7.1 -----	5.6 --	6.6 -----
Trianon	6.6 -----	7.1 -----	7.1 -----	5.7 ---	6.4 ----
KXB2301	6.8 -----	7.0 -----	7.1 -----	6.1 -----	6.6 -----
KXB2329	6.7 -----	7.0 -----	7.0 ----	5.8 ----	6.4 ----
P8200	6.3 -	6.4 -	6.6 --	5.5 -	6.2 -
Xxilo	6.3 -	6.5 -	6.5 -	5.6 --	6.2 -
Suvitan	6.6 -----	6.7 ----	6.7 ---	5.9 -----	6.5 ----
Coditank	6.5 ----	6.7 ----	6.8 ----	6.1 -----	6.3 --
Maxlat	6.6 -----	6.6 ---	6.9 ----	6.3 -----	6.3 ---
Farmfire	6.6 -----	6.5 -	7.1 -----	6.0 -----	6.4 ----
Sorte xy	6.6 -----	6.7 ----	7.0 ----	6.0 ----	6.6 -----
Niklas	6.4 ---	6.8 ----	6.8 ----	5.6 --	6.3 --
SA1002	6.6 -----	6.8 ----	7.1 -----	5.5 -	6.6 -----
SL10271	6.5 ----	6.5 -	6.8 ----	5.9 -----	6.5 ----
P7859	6.6 -----	7.0 -----	6.9 ----	5.6 -	6.4 ----
KXB3012	6.5 ----	6.7 ----	7.1 -----	5.6 --	6.5 ----
Amadeo	6.8 -----	7.2 -----	7.4 -----	6.3 -----	6.5 -----
LG 30.218	6.7 -----	6.9 ----	7.1 ----	6.1 -----	6.5 ----
LG 30.223	6.7 -----	6.8 ----	7.2 -----	6.0 -----	6.5 ----
Colisee	6.8 -----	6.9 ----	7.3 -----	6.1 -----	6.7 -----
Millesim	6.7 -----	6.9 ----	7.1 -----	5.9 ----	6.8 -----
Fox	6.6 -----	6.9 ----	7.1 -----	5.7 ----	6.5 ----
Messago	6.6 -----	7.0 -----	7.0 ----	5.7 ----	6.6 -----
ES Tarock	6.6 -----	6.7 ----	7.1 -----	5.8 ----	6.6 -----
Gottardo KWS	6.7 -----	7.1 -----	7.1 -----	5.9 ----	6.6 -----
DKC 3531	6.7 -----	7.2 -----	7.0 ----	5.9 ----	6.6 -----
Pentexx	6.6 -----	6.9 ----	6.9 ----	5.8 ----	6.6 -----
-Bezugsgrösse(n)	6.6 -----	6.9 -----	6.9 ----	5.7 ----	6.5 -----
Versuchs-Mittel	6.6 -----	6.8 ----	7.0 ----	5.9 ----	6.5 ----
VK [%]	2.8	3.0	2.5	4.4	2.4
KGD (5%)	0.1	0.3	0.3	0.4	0.3
KGD (1%)	0.2	0.4	0.4	ns	0.3
Versuchs-Streuung	0.2	0.2	0.2	0.3	0.2
FG Fehlerterm	390.0	70.0	70.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	7.7	35	6.35 ***	1.45	0.0000
Anbauorte	88.6	5	509.82 ***	2.24	0.0000
WW Verf.*Anb.Orte	9.4	175	1.54 ns	1.23	
Fehler	13.6	390			
Insgesamt	119.3	605			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ceresia	6.7	-----	6.8	-----
Geoxx	6.6	----	6.7	---
LG 30.224	6.9	-----	7.0	-----
ES Albatros	6.9	-----	6.8	---
P8025	6.8	-----	6.8	-----
LZM 162/73	6.7	-----	6.6	-
LZM 162/51	6.8	-----	7.1	-----
DKC 3440	6.7	-----	6.8	-----
SY Amboss	6.5	---	6.8	-----
SY Pracht	6.8	-----	6.9	-----
Trianon	6.7	-----	6.9	-----
KXB2301	6.8	-----	7.0	-----
KXB2329	6.8	-----	7.0	-----
P8200	6.6	---	6.7	---
Xxilo	6.5	--	6.6	-
Suvitan	6.7	-----	6.9	-----
Coditank	6.6	----	6.8	-----
Maxlat	6.7	-----	6.9	-----
Farmfire	6.8	-----	6.8	-----
Sorte xy	6.8	-----	6.8	-----
Niklas	6.4	-	6.7	---
SA1002	6.8	-----	7.0	-----
SL10271	6.7	-----	6.6	-
P7859	6.8	-----	6.8	-----
KXB3012	6.6	---	6.8	---
Amadeo	6.8	-----	6.8	-----
LG 30.218	6.6	---	6.9	-----
LG 30.223	6.8	-----	6.7	---
Colisee	7.0	-----	6.8	----
Millesim	7.0	-----	6.8	-----
Fox	6.7	----	6.7	---
Messago	6.7	-----	6.8	-----
ES Tarock	6.7	-----	6.8	----
Gottardo KWS	6.9	-----	6.9	-----
DKC 3531	6.8	-----	6.8	-----
Pentexx	6.7	-----	6.9	-----
-Bezugsgrösse(n)	6.8	-----	6.8	-----
Versuchs-Mittel	6.7	-----	6.8	-----
VK [%]	1.9		2.6	
KGD (5%)	0.2		ns	
KGD (1%)	0.3		ns	
Versuchs-Streuung	0.1		0.2	
FG Fehlerterm	55.0		70.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	6.8 -----	7.0 ----	7.2 -----	5.8 ----	6.8 -----
Geox	6.7 ----	6.8 --	7.2 -----	5.9 -----	6.5 ---
LG 30.224	7.0 -----	7.3 -----	7.3 -----	6.1 -----	6.9 -----
ES Albatros	6.8 -----	7.2 -----	7.1 ----	5.7 ---	6.7 -----
P8025	6.9 -----	7.4 -----	7.2 ----	5.8 ----	6.7 -----
LZM 162/73	6.9 -----	7.5 -----	7.2 ----	5.8 ----	6.8 -----
LZM 162/51	7.1 -----	7.4 -----	7.4 -----	6.2 -----	6.9 -----
DKC 3440	6.8 ----	6.8 ---	7.2 ----	6.0 -----	6.5 ---
SY Amboss	6.8 -----	7.1 -----	7.2 ----	6.2 -----	6.6 ----
SY Pracht	6.9 -----	7.0 ----	7.5 -----	5.6 --	6.8 -----
Trianon	6.9 -----	7.5 -----	7.5 -----	5.7 ----	6.6 ----
KXB2301	7.1 -----	7.4 -----	7.6 -----	6.2 -----	6.8 -----
KXB2329	6.9 -----	7.3 -----	7.4 -----	5.8 ----	6.6 ----
P8200	6.5 -	6.6 -	6.9 --	5.5 -	6.3 -
Xxilo	6.5 -	6.6 -	6.7 -	5.5 -	6.3 -
Suvitan	6.8 -----	6.9 ----	7.0 ---	6.0 -----	6.6 -----
Coditank	6.8 ----	6.9 ---	7.2 ----	6.1 -----	6.4 --
Maxlat	6.9 -----	6.9 ---	7.2 ----	6.5 -----	6.5 ---
Farmfire	6.8 -----	6.7 -	7.5 -----	6.0 -----	6.6 ----
Sorte xy	6.9 -----	7.0 ----	7.4 -----	6.0 -----	6.9 -----
Niklas	6.7 ---	7.1 -----	7.1 ----	5.6 --	6.4 --
SA1002	6.9 -----	7.1 -----	7.5 -----	5.4 -	6.8 -----
SL10271	6.7 ----	6.6 -	7.1 ----	6.0 -----	6.7 ----
P7859	6.8 ----	7.3 -----	7.2 ----	5.5 -	6.5 ---
KXB3012	6.8 ----	7.0 ----	7.5 -----	5.6 --	6.7 ----
Amadeo	7.1 -----	7.6 -----	7.9 -----	6.4 -----	6.7 ----
LG 30.218	6.9 -----	7.2 -----	7.5 -----	6.2 -----	6.7 ----
LG 30.223	7.0 -----	7.1 -----	7.6 -----	6.1 -----	6.7 ----
Colisee	7.1 -----	7.2 -----	7.7 -----	6.1 -----	6.9 -----
Millesim	7.0 -----	7.2 -----	7.4 -----	5.9 ----	7.1 -----
Fox	6.9 -----	7.3 -----	7.5 -----	5.7 ----	6.8 ----
Messago	6.9 -----	7.3 -----	7.4 -----	5.7 ---	6.8 -----
ES Tarock	6.9 -----	7.0 ----	7.5 -----	5.8 ----	6.9 -----
Gottardo KWS	7.0 -----	7.5 -----	7.5 -----	5.9 ----	6.8 ----
DKC 3531	7.0 -----	7.6 -----	7.4 -----	5.9 ----	6.9 -----
Pentexx	6.9 -----	7.2 ----	7.3 ----	5.8 ----	6.8 -----
-Bezugsgrösse(n)	6.9 -----	7.3 -----	7.1 ----	5.7 ----	6.7 -----
Versuchs-Mittel	6.9 -----	7.1 -----	7.3 -----	5.9 ----	6.7 -----
VK [%]	3.4	3.7	3.0	5.5	3.0
KGD (5%)	0.2	0.4	0.4	0.5	0.3
KGD (1%)	0.2	0.6	0.5	ns	0.4
Versuchs-Streuung	0.2	0.3	0.2	0.3	0.2
FG Fehlerterm	375.0	55.0	70.0	55.0	70.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	13.1	35	6.71 ***	1.46	0.0000
Anbauorte	146.2	5	524.22 ***	2.24	0.0000
WW Verf.*Anb.Orte	15.8	175	1.62 ns	1.23	
Fehler	20.9	375			
Insgesamt	196.0	590			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ceresia	7.0	-----	7.2	-----
Geoxx	6.9	----	6.9	---
LG 30.224	7.2	-----	7.4	-----
ES Albatros	7.2	-----	7.1	----
P8025	7.1	-----	7.1	-----
LZM 162/73	7.0	-----	6.8	-
LZM 162/51	7.1	-----	7.4	-----
DKC 3440	6.9	-----	7.1	-----
SY Amboss	6.7	-	7.1	-----
SY Pracht	7.1	-----	7.2	-----
Trianon	7.0	-----	7.2	-----
KXB2301	7.1	-----	7.4	-----
KXB2329	7.1	-----	7.3	-----
P8200	6.8	--	7.0	---
Xxilo	6.7	-	6.9	---
Suvitan	7.0	-----	7.2	-----
Coditank	6.9	----	7.2	-----
Maxlat	7.0	-----	7.2	-----
Farmfire	7.2	-----	7.1	-----
Sorte xy	7.1	-----	7.2	-----
Niklas	6.7	-	7.0	----
SA1002	7.1	-----	7.3	-----
SL10271	6.9	----	6.8	-
P7859	7.1	-----	7.1	-----
KXB3012	6.9	---	7.1	-----
Amadeo	7.1	-----	7.1	-----
LG 30.218	6.8	---	7.2	-----
LG 30.223	7.1	-----	7.0	----
Colisee	7.3	-----	7.1	-----
Millesim	7.3	-----	7.1	-----
Fox	6.9	-----	7.0	----
Messago	7.0	-----	7.1	-----
ES Tarock	6.9	-----	7.0	----
Gottardo KWS	7.2	-----	7.2	-----
DKC 3531	7.1	-----	7.1	-----
Pentexx	7.0	-----	7.1	-----
-Bezugsgrösse(n)	7.2	-----	7.1	----
Versuchs-Mittel	7.0	-----	7.1	-----
VK [%]	2.2		3.3	
KGD (5%)	0.3		ns	
KGD (1%)	0.3		ns	
Versuchs-Streuung	0.2		0.2	
FG Fehlerterm	55.0		70.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	154.9	131.5	164.8	118.5	169.0
Geoxx	155.8	146.6	180.2	131.0	161.9
LG 30.224	158.0	152.7	166.1	119.7	173.0
ES Albatros	171.1	169.8	178.2	131.6	192.0
P8025	160.3	161.8	158.5	110.7	180.5
LZM 162/73	165.1	163.9	166.8	131.3	192.4
LZM 162/51	162.5	146.7	182.6	130.3	178.4
DKC 3440	155.2	129.2	169.6	138.0	163.6
SY Amboss	171.3	164.7	181.0	147.4	190.4
SY Pracht	157.5	148.3	173.6	107.4	186.4
Trianon	151.4	149.7	158.6	123.7	169.2
KXB2301	157.9	153.3	169.8	116.2	175.8
KXB2329	159.3	148.9	168.6	121.0	174.2
P8200	154.3	115.6	172.7	114.1	182.4
Xxilo	157.5	146.3	168.3	116.5	171.1
Suvitan	162.5	150.4	167.2	134.6	172.8
Coditank	154.9	145.2	165.3	127.0	167.3
Maxlat	154.0	126.8	158.6	141.8	168.3
Farmfire	159.0	142.6	172.9	131.1	180.2
Sorte xy	133.2	106.7	158.0	93.2	157.7
Niklas	156.1	153.4	164.9	120.6	177.3
SA1002	161.2	146.2	180.7	113.0	181.6
SL10271	164.5	142.4	173.3	136.8	183.5
P7859	162.0	160.5	176.5	114.2	175.7
KXB3012	155.6	149.2	167.0	115.1	175.7
Amadeo	148.1	142.9	164.2	126.5	158.7
LG 30.218	156.6	140.1	173.8	130.2	167.6
LG 30.223	160.2	138.0	179.8	124.2	186.3
Colisee	159.0	151.6	175.1	122.1	169.3
Millesim	149.9	131.9	171.7	110.7	171.4
Fox	158.8	158.4	180.4	118.5	169.6
Messago	154.8	158.9	159.1	110.3	173.9
ES Tarock	153.1	128.0	175.9	113.5	179.2
Gottardo KWS	162.7	157.6	176.4	125.1	186.1
DKC 3531	159.8	159.6	165.9	129.1	176.6
Pentexx	157.6	158.2	175.9	117.7	172.4
-Bezugsgrösse(n)	165.7	165.8	168.3	121.2	186.2
Versuchs-Mittel	157.7	146.6	170.6	122.6	175.3
VK [%]	6.9	7.4	6.1	12.3	5.1
KGD (5%)	7.1	17.7	ns	ns	14.4
KGD (1%)	9.3	23.6	ns	ns	19.2
Versuchs-Streuung	10.8	10.8	10.4	15.2	8.9
FG Fehlerterm	374.0	55.0	70.0	54.0	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	26537.2	35	6.48 ***	1.46	0.0000
Anbauorte	224891.8	5	384.31 ***	2.24	0.0000
WW Verf.*Anb.Orte	37172.3	175	1.81 ***	1.23	0.0006
Fehler	43771.8	374			
Insgesamt	332373.1	589			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ceresia	152.4	-----	193.3	-----
Geoxx	150.6	-----	164.5	---
LG 30.224	156.9	-----	179.7	-----
ES Albatros	172.8	-----	182.4	-----
P8025	172.5	-----	177.9	-----
LZM 162/73	168.4	-----	168.0	----
LZM 162/51	153.6	-----	183.1	-----
DKC 3440	153.0	-----	178.0	-----
SY Amboss	162.4	-----	182.0	-----
SY Pracht	161.9	-----	167.4	---
Trianon	149.9	-----	157.4	-
KXB2301	156.7	-----	175.6	-----
KXB2329	171.3	-----	171.7	----
P8200	163.0	-----	178.2	-----
Xxilo	156.8	-----	186.2	-----
Suvitan	164.8	-----	185.1	-----
Coditank	153.0	-----	171.5	----
Maxlat	161.1	-----	167.5	---
Farmfire	161.6	-----	165.6	---
Sorte xy	126.3	-	157.2	-
Niklas	149.0	-----	171.6	-----
SA1002	167.3	-----	178.6	-----
SL10271	167.2	-----	183.7	-----
P7859	175.8	-----	169.4	----
KXB3012	148.8	-----	177.6	-----
Amadeo	138.0	---	158.3	-
LG 30.218	149.0	-----	178.9	-----
LG 30.223	157.2	-----	175.9	-----
Colisee	161.0	-----	175.1	-----
Millesim	154.6	-----	158.9	-
Fox	157.8	-----	168.2	----
Messago	153.3	-----	173.0	-----
ES Tarock	147.7	-----	174.3	-----
Gottardo KWS	158.3	-----	172.4	-----
DKC 3531	159.3	-----	168.1	----
Pentexx	153.0	-----	168.2	----
-Bezugsgrösse(n)	172.6	-----	180.2	-----
Versuchs-Mittel	157.4	-----	173.5	----
VK [%]	5.4		6.1	
KGD (5%)	13.9		17.3	
KGD (1%)	18.5		23.0	
Versuchs-Streuung	8.5		10.6	
FG Fehlerterm	55.0		70.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon VD	1567 Delley FR	3065 Habstetten BE	8046 Reckenholz ZH
Ceresia	74.7 ----	64.2 ----	77.0 -	57.7 ----	76.6 -
Geoxx	74.8 ----	66.4 ----	82.0 ----	67.0 ----	77.5 -
LG 30.224	77.4 ----	74.5 ----	77.9 --	59.0 ----	82.5 ----
ES Albatros	85.1 ----	82.0 ----	85.5 ----	63.8 ----	95.8 ----
P8025	81.7 ----	82.7 ----	77.2 -	54.5 ---	93.0 ----
LZM 162/73	77.0 ----	78.2 ----	76.1 -	57.0 ----	87.3 ----
LZM 162/51	84.8 ----	73.0 ----	91.8 ----	69.0 ----	94.2 ----
DKC 3440	77.1 ----	63.8 ----	81.7 ----	73.2 ----	79.0 --
SY Amboss	84.8 ----	82.5 ----	85.3 ----	77.6 ----	91.1 ----
SY Pracht	77.4 ----	71.8 ----	86.2 ----	49.3 -	91.4 ----
Trianon	75.2 ----	76.4 ----	78.0 --	62.3 ----	82.1 ---
KXB2301	79.7 ----	76.4 ----	84.8 ----	60.9 ----	86.5 ----
KXB2329	79.1 ----	70.3 ----	83.3 ----	60.0 ----	83.8 ----
P8200	76.1 ----	54.9 --	81.4 ----	54.2 ---	93.0 ----
Xxilo	75.2 ----	64.8 ----	78.1 --	54.1 ---	84.0 ----
Suvitan	78.8 ----	68.4 ----	77.7 --	69.2 ----	86.8 ----
Coditank	77.6 ----	69.2 ----	82.5 ----	62.1 ----	82.5 ----
Maxlat	76.1 ----	59.0 ---	76.6 -	71.1 ----	82.4 ----
Farmfire	77.1 ----	60.8 ----	85.1 ----	64.9 ----	89.5 ----
Sorte xy	67.5 -	49.7 -	78.7 --	47.2 -	82.3 ---
Niklas	75.7 ----	74.5 ----	77.9 --	58.6 ----	85.5 ----
SA1002	80.9 ----	73.3 ----	91.6 ----	46.9 -	96.4 ----
SL10271	76.6 ----	62.5 ---	83.4 ----	67.0 ----	82.6 ----
P7859	79.4 ----	79.9 ----	86.8 ----	49.2 -	86.1 ----
KXB3012	79.8 ----	73.9 ----	86.5 ----	55.2 ---	91.0 ----
Amadeo	77.5 ----	75.1 ----	88.0 ----	68.8 ----	82.4 ----
LG 30.218	79.8 ----	71.1 ----	88.3 ----	67.2 ----	85.9 ----
LG 30.223	78.7 ----	66.5 ----	87.2 ----	61.8 ----	88.6 ----
Colisee	81.2 ----	74.9 ----	88.9 ----	65.3 ----	84.1 ----
Millesim	76.6 ----	61.8 ----	86.8 ----	59.2 ----	86.8 ----
Fox	76.5 ----	70.0 ----	87.7 ----	59.7 ----	81.7 ---
Messago	77.3 ----	78.5 ----	79.0 ---	54.1 ---	83.3 ----
ES Tarock	72.4 ---	57.1 ---	85.3 ----	56.1 ----	82.5 ----
Gottardo KWS	82.8 ----	76.5 ----	88.3 ----	64.5 ----	92.9 ----
DKC 3531	75.9 ----	73.8 ----	75.9 -	61.4 ----	80.2 --
Pentexx	74.1 ----	73.1 ----	79.2 ---	57.6 ----	78.8 --
-Bezugsgrösse(n)	83.4 ----	82.3 ----	81.3 ----	59.2 ----	94.4 ----
Versuchs-Mittel	77.8 ----	70.3 ----	83.0 ----	60.7 ----	85.8 ----
VK [%]	8.6	10.3	7.0	15.3	6.8
KGD (5%)	4.4	11.9	9.5	15.2	9.4
KGD (1%)	5.8	15.8	ns	ns	12.5
Versuchs-Streuung	6.7	7.3	5.8	9.3	5.8
FG Fehlerterm	359.0	55.0	55.0	54.0	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	7797.5	35	4.94 ***	1.46	0.0000
Anbauorte	54749.3	5	242.86 ***	2.24	0.0000
WW Verf.*Anb.Orte	15797.0	175	2.00 ***	1.23	0.0004
Fehler	16186.4	359			
Insgesamt	94530.1	574			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
Ceresia	76.7	----	96.2	-----
Geoxx	75.8	---	80.1	---
LG 30.224	83.3	-----	87.0	-----
ES Albatros	94.4	-----	88.9	-----
P8025	93.8	-----	88.7	-----
LZM 162/73	84.0	-----	79.4	--
LZM 162/51	85.2	-----	95.3	-----
DKC 3440	83.1	-----	81.8	----
SY Amboss	85.0	-----	87.6	-----
SY Pracht	84.5	-----	81.3	---
Trianon	76.8	----	75.7	-
KXB2301	82.6	-----	86.7	-----
KXB2329	92.7	-----	84.6	-----
P8200	85.3	-----	87.6	-----
Xxilo	80.7	----	89.2	-----
Suvitan	82.1	-----	88.8	-----
Coditank	81.9	-----	87.1	-----
Maxlat	85.6	-----	82.1	----
Farmfire	81.6	-----	80.6	---
Sorte xy	68.4	-	78.4	--
Niklas	75.7	---	82.1	----
SA1002	87.9	-----	89.2	-----
SL10271	81.6	-----	82.4	----
P7859	92.1	-----	82.3	----
KXB3012	83.8	-----	88.6	-----
Amadeo	72.6	--	78.1	--
LG 30.218	77.2	----	89.0	-----
LG 30.223	83.0	-----	84.8	-----
Colisee	88.6	-----	85.6	-----
Millesim	85.0	-----	80.1	---
Fox	79.5	-----	80.2	---
Messago	82.3	-----	86.4	-----
ES Tarock	70.6	-	82.6	----
Gottardo KWS	88.3	-----	86.3	-----
DKC 3531	81.5	-----	82.4	----
Pentexx	78.5	----	77.3	-
-Bezugsgrösse(n)	94.1	-----	88.8	-----
Versuchs-Mittel	82.6	-----	84.6	-----
VK [%]	7.2		7.0	
KGD (5%)	9.7		9.6	
KGD (1%)	13.0		ns	
Versuchs-Streuung	5.9		5.9	
FG Fehlerterm	55.0		70.0	
Anz. Beob.	3.0		3.0	

3.3 Serie mittelspät / spät

3.3.1 Standortangaben

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	Saattermin / date de semis	Erntetermin / date de récolte
1260	Changins	430	15.5.2014	29.09.2014, für Auswertung nicht berücksichtigt
1376	Goumoens	622	22.5.2014	23.10.2014
1567	Delley (Avenches)	434	17.5.2014	23.09.2014
1896	Vouvry	404	24.4.2014	09.10.2014
3065	Habstetten	620	9.5.2014	20.10.2014
8046	Reckenholz	440	20.5.2014	27.10.2014
8196	Eglisau	390	6.5.2014	04.10.2014
8566	Ellighausen	517	25.4.2014	08.10.2014
9443	Hinterforst	449	19.5.2014	aufgegeben

3.3.2 Sorten/Status

Name	Synonym	Hybrid Typ	Züchter	Vertreter	KM	SM
NK Silotop	NX 17066	SC	Syngenta / CH	Syngenta, Dielsdorf		SM21/S
KWS 9361	KXA 9361	SC	KWS / D	KWS Suisse SA, Basel		SM21/S
P8488		SC	Pioneer / USA	Pioneer, Manno		SM21/S
Palmer	LZM358/21	SC	Limagrain/ F	Hauenstein, Rafz		SM21/S
P8609	X80B365	SC	Pioneer	Pioneer, Manno	KM21/T	SM21/S
LG 30.306	LZM 358/69	SC	Limagrain / Europe	Fenaco, Moudon		SM21/e2
LZM 361/09	LZM 361/09	SC	Limagrain / Europe	Fenaco, Moudon		SM21/e2
MAS 27.L	MGM 171436	SC	Maisadour	Fenaco, Moudon		SM21/e2
Format	DSP40064		DSP, Delley	DSP, Delley		SM21/2.
Sikaldi CS	CSM1159	SC	Caussade Semence	Schweizer, Thun		SM21/e2
P9203	X85B168	SC	Pioneer	Pioneer, Manno	KM21/e1	SM21/e1
DSP43999	DSP43999	TC	DSP, Delley	DSP, Delley		SM21/1.
DSP44331	DSP44331	SC	DSP, Delley	DSP, Delley		SM21/1.
CSM2259	CSM2259	TC	Caussade Semence	Fenaco, Moudon		SM21/e1
KWS 2323	KXB2323	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM21/e1
KXB3142	KXB3142	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM21/e1
KXB3154	KXB3154	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM21/e1
KXB3181	KXB3181	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM21/e1
KXB3329	KXB3329	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM21/e1
Kawaxx	RH110066	TC	RAGT 2n	Fenaco, Moudon		SM21/e1
Geoxx	RH08023	SC	R2n, RAGT	Fenaco, Moudon		SM11/S
LG 30.224	LZM260/58	SC	Limagrain / Europe	Fenaco, Moudon		SM11/S
KXB3309	KXB3309	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM11/e1
KXB3324	KXB3324	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM11/e1
SY Welas	SA1432	SC	Syngenta	Syngenta, Dielsdorf		SM11/e1
SY Kardona	SA1551	SC	Syngenta	Syngenta, Dielsdorf		SM11/e1
SY Madras	SB1542	SC	Syngenta	Syngenta, Dielsdorf		SM11/e1
Ronaldinio	KXA 4162	TC	KWS / D	KWS Suisse SA, Basel		SM21/T
Kandis	KXA8332	TC	KWS / D	KWS Suisse SA, Basel		SM21/T
Indexx	RH09029	SC	R2n	Fenaco, Moudon		SM21/T

3.3.3 Standorteigenschaften und Bewirtschaftungsmassnahmen

Technische Versuchangaben / données techniques / technical information							
Standort / lieu / site:	Goumoens (622 m ü.M.)	Vouvry (404 m ü.M.)	Habstetten (620 m ü.M.)	Avenches (434 m ü.M.)	Zürich- Affoltern (450 m ü.M.)	Eglisau (392 m ü.M.)	Ellighausen (517 m ü.M.)
Bodenart / type de sol / soil type:	moyen argileux	limono sableux	sandiger Lehm	Argile tourbeux	sandiger Lehm (Humus 2.1%, Ton 20.2%, Schluff 29.8%, Sand 47.9%), pH 7.3		Humus 4.2% Ton 22.7% Schluff 33.5% Sand 25.7%, pH 7.2
Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):				397.2 mm 1458.5 °C	527 mm 1602.4 °C	561mm 1686.3°C Station Wil (ZH)	652mm 1400.5°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:	2reihig, mit 0.8m Weg, 10 m2 netto	2reihig, mit 0.8m Weg, 10 m2 netto	2reihig, mit 0.8m Weg, 10 m2 netto	8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 4 lignes	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto
Vorfrucht / précédent cultural / previous crop:	blé printemps + engrais vert sans légumineuse	0	Körnermais / maïs grain / grain maize	Blé d'automne	Zuckerrüben / bettrave à sucre / sugar beet	Winterweizen, Zwischenfutter SM106	Winterweizen, Wintertriticale
Bodenbearbeitung / travail du sol / soil cultivation:	Pflug, Kreiselegge / charrue, herse rotative / plough, rotary harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	11.04.14 charrue, 25.04.14 herse rotative	13.11.13 (Grubber, cultivateur, chisel plow), 16.4.14 + 20.5.14 (Kreiselegge, herse rotative, rotary harrow)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow (05./12. Mai / may / may)	Pflug / charrue / plough (14. Feb / fev) , Kreiselegge / herse rotative / rotary harrow (24. Apr / avr)
Saat / date de semis / sowing date:	22.05.2014	24.04.2014	09.05.2014	17.5.2014	20.05.2014	06.05.2014	25.04.2014
Ernte / date de récolte / harvest date:	23.10.2014	09.10.2014	20.10.2014	23.9.2014	27.10.2014	03.10.2014	8.10.2014
Saadichte / densité de semis / sowing density:	9.5 Körner / grains pro m2	9.5 Körner / grains pro m2	9.5 Körner / grains pro m2	Semis: 12.1 grains pro m2, éclaircit à 10.3 plantes/m2	10.1 Körner / grains pro m2	10.1 Körner / grains pro m2	10.1 Körner / grains pro m2

Standort / lieu / site:	Goumoens (622 m ü.M.)	Vouvry (404 m ü.M.)	Habstetten (620 m ü.M.)	Avenches (434 m ü.M.)	Zürich- Affoltern (450 m ü.M.)	Eglisau (392 m ü.M.)	Ellighausen (517 m ü.M.)
Vegetationsdauer / durée de vegetation / growing period	154 Tage / jours / days	168 Tage / jours / days	164 Tage / jours / days	130 Tage / jours / days	160 Tage / jours / days	151 Tage / jours / days	166 Tage / jours / days
Reihenabstand / interlignes / row distance:	75 cm	75 cm	75 cm	80 cm	75 cm	75 cm	75 cm
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-	-	non	2 x hacken Nachauflauf zwischen den Reihen / sarclage (après la levée) entre les lignées / hoeing after emergence in between rows (5.6.14, 23.6.14)	keine / rien / nothing	-
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Banvel 4 S 0.5l, Callisto 0.75 l, Garda Gold 4l	2.6.14: Garda Gold 3l, Elumis 1.3l, Banvel 0.25l	3.6.14: Calaris 1.5l, Dual Gold 1.2l	02.06.2014 (3-4 feuil-les): Callisto 1L/ha 10.06.2014 (5-6 feuil-les): Calaris 1L/ha + Dasul 1L/ha	Andil 1.3kg, Dasul 1.3l, Mikado 1.95l (20.6.14); Banvel M 0.03l (18.7.14) Einzelbehandlung Winden, plants individuels liseron, individual plants field bindweed	23.05.14: 4 lt/ha Garda Gold; 0.8 lt/ha Calisto; 0.8 lt/ha Dasul	Andil (1kg), Midado (1.5l), Dasul (1l): 8.5.14
Grunddüngung / fumure de base / basic fertilisation:	15 t fumier composté 103 P 154 K	50 t / ha fumier: 120 unités Potasse, 0 unités Phosphore	120 kg K / ha, 57.6 kg P / ha	03.09.13 350 kg/ha Potasse 60% + 200kg/ha Supertriple 46%	22.4.14: 69 kg P2O5 / ha (Triple Superphosphat)	-	-
N-Düngung / fumure N / N fertilisation:	69 kg N / ha	Ammonsalpeter 27.5% 80 kg N / ha, Harnstoff 80 kg N / ha	28.5.14: Ammonsalpeter 27% 40.5 kg / ha; Harnstoff 46% 82.8 kg N / ha	16.05.14 330 kg/ha Urée granulée 46%	5.6.14: 36.7 kg N / ha (Harnstoff), 23.6.14: 82.7 kg N / ha (Harnstoff) zur Reihe / près de la ligne / to the row	21.05.14: 91 kg/ha N (Harnstoff) ; 10.06.14: 91 kg/ha N (Harnstoff)	Ammonsalpeter 65 kg N / ha (23.4.14); Harnstoff 75 kg N / ha (10.5.14)
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Ensileuse	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler	New Holland Versuchsmaishäcksler

3.3.4 Index

Sorte	Status	VOS	Ertrag	Reife	Jugend- entwicklung	Wurzellagerung Vegetation	Wurzellagerung Ernte	Stängelbruch Ernte	Beulenbrand	Oekon. Index	Agron. Index	Gesamtindex
KXB3142	e1	4.84	3.50	-0.50	-0.11	-0.02	2.00	-1.31	-0.25	8.34	-0.19	8.15
KXB3329	e1	0.08	6.40	-1.84	0.05	0.00	2.60	0.29	0.05	6.47	1.15	7.63
KXB3181	e1	3.51	11.13	-5.38	-0.07	0.00	1.65	-2.50	-0.77	14.64	-7.07	7.57
P8609	S	-0.59	4.63	-0.21	-0.07	0.00	-0.41	0.23	-0.05	4.05	-0.50	3.54
KXB3154	e1	1.85	3.27	0.06	0.00	0.00	1.73	-3.76	-0.29	5.12	-2.26	2.86
LZM 361/09	e2	-2.77	7.03	-2.91	-0.11	0.00	1.20	0.11	-0.18	4.26	-1.90	2.36
KXB3309	e1	3.20	-2.39	-2.99	-0.09	0.00	2.83	-0.54	-0.04	0.81	-0.82	-0.01
Indexx	T	-1.60	6.28	-4.54	0.04	0.00	-0.20	-0.22	0.05	4.68	-4.87	-0.19
Kawaxx	e1	-3.45	-0.25	-1.02	0.01	0.00	2.36	-0.15	-0.20	-3.69	0.98	-2.72
NK Silotop	S	0.59	-4.63	0.21	0.07	0.00	0.41	-0.23	0.05	-4.05	0.50	-3.54
SB1542	e1	1.60	-5.15	0.77	-0.03	0.00	-0.98	-0.10	-0.02	-3.55	-0.36	-3.91
KWS 2323	e1	-7.41	0.21	0.10	-0.13	0.00	2.25	0.06	-0.18	-7.20	2.11	-5.08
Ronaldinio	T	3.18	-9.34	-1.10	-0.04	0.00	2.40	-0.78	0.03	-6.15	0.51	-5.65
DSP44331	1	-4.65	-2.08	-1.44	0.10	0.00	1.94	0.11	0.03	-6.73	0.73	-6.00
LG 30.224	S	7.01	-12.73	-0.87	-0.05	0.00	0.74	-0.34	-0.01	-5.72	-0.54	-6.26
Kandis	T	-1.75	-5.53	1.40	0.04	-0.18	0.40	-0.55	-0.19	-7.28	0.93	-6.35
Format	2	-0.65	-7.58	-0.45	-0.08	0.00	2.59	-0.76	0.01	-8.22	1.30	-6.92
KXB3324	e1	-3.05	-6.96	1.25	-0.15	-0.02	1.94	-0.22	0.03	-10.00	2.83	-7.17
DSP43999	1	-1.39	-3.37	-3.56	-0.04	0.00	1.65	-0.88	-0.08	-4.76	-2.92	-7.68
P 8488	S	-9.75	0.22	-0.64	-0.38	0.00	2.45	-0.61	0.03	-9.54	0.85	-8.68
KWS 9361	S	-2.99	-4.21	-4.07	-0.16	0.00	2.41	0.29	0.03	-7.20	-1.50	-8.70
LG 30.306	e2	-10.30	13.08	-3.62	-0.08	-0.46	-6.85	-0.80	-0.01	2.78	-11.82	-9.05
Palmer	S	-11.77	9.46	-5.94	0.02	-0.04	-0.91	-0.01	-0.05	-2.31	-6.93	-9.24
Geoxx	S	-2.06	-7.23	-0.48	-0.16	-0.02	0.35	-0.35	0.03	-9.29	-0.64	-9.93
SA1432	e1	-2.42	-4.31	3.00	-0.21	-0.04	-6.78	-0.54	-0.06	-6.73	-4.63	-11.36
Sikaldi CS	e2	-7.58	-7.44	1.63	0.05	0.00	0.97	0.29	-0.01	-15.02	2.93	-12.09
P9203	e1	-5.52	-4.06	-4.15	-0.08	0.00	1.05	-0.10	-0.09	-9.58	-3.36	-12.94
CSM2259	e1	-10.80	-7.19	-1.51	-0.17	0.00	2.77	-0.22	-0.16	-17.98	0.71	-17.28
SY Kardona	e1	-2.93	-2.51	-1.68	-0.21	-0.25	-10.22	-0.72	-1.03	-5.44	-14.11	-19.56
MAS 27.L	e2	-5.07	-10.17	-0.58	-0.30	0.00	-4.55	0.35	0.05	-15.24	-5.03	-20.27
Bezugsgrößen		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anz. Beob.		18.00	21.00	21.00	21.00	3.00	6.00	6.00	9.00			
Anz. Orte		6.00	7.00	7.00	7.00	1.00	2.00	2.00	3.00			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

3.3.5 Zusammenfassung

Sorten Bezeichnung	Jugend ent- wicklg Note	allg. Eindruck Note	Helmin. thosp. Note	Pflanzen hoehe cm	Kolben ansatz hoehe cm	VOS g/kg TS g.Pfl. NIR	Staerke g/kg TS g.Pfl. NIR	Rohfaser g/kg TS NIR
NK Silotop	3.4	4.0	2.3	254	114	714.2	348	177
KWS 9361	3.8	4.0	2.2	258	103	703.7	348	182
P 8488	4.3	5.0	2.2	284	117	684.0	325	188
Palmer	3.5	3.7	2.1	299	131	678.1	319	195
P8609	3.6	5.7	2.3	293	126	710.7	359	177
LG 30.306	3.7	3.3	2.3	305	133	682.4	334	189
LZM 361/09	3.7	3.7	1.8	277	122	704.4	341	180
MAS 27.L	4.1	7.0	1.9	274	116	697.7	329	183
Format	3.7	4.3	2.1	271	123	710.6	340	175
Sikaldi CS	3.4	5.0	3.0	256	113	690.3	331	189
P9203	3.7	4.0	2.7	283	131	696.3	321	185
DSP43999	3.6	3.3	2.3	285	123	708.4	329	176
DSP44331	3.3	4.3	2.2	275	118	698.9	340	181
CSM2259	3.9	4.3	2.4	278	120	680.9	323	193
KWS 2323	3.8	3.7	3.1	268	115	690.8	343	189
KXB3142	3.7	2.3	2.0	286	115	726.6	360	167
KXB3154	3.5	3.7	2.1	291	119	717.8	357	172
KXB3181	3.6	4.3	1.8	298	125	722.7	349	170
KXB3329	3.4	2.0	1.8	282	127	712.7	327	174
Kawaxx	3.5	4.0	2.0	288	121	702.4	329	179
Geoxx	3.8	5.0	2.2	281	118	706.4	342	177
LG 30.224	3.6	5.7	2.2	252	113	732.9	360	164
KXB3309	3.7	3.3	1.9	277	123	721.8	340	170
KXB3324	3.8	3.3	2.7	270	115	703.6	338	179
SA1432	3.9	5.0	2.8	264	118	705.4	356	179
SY Kardona	3.9	7.3	2.2	286	126	703.9	328	180
SB1542	3.6	4.0	2.5	260	109	717.1	345	168
Ronaldinio	3.6	4.7	2.6	264	112	721.7	357	170
Kandis	3.4	3.7	2.5	263	114	707.3	345	177
Indexx	3.4	2.3	2.0	288	123	707.8	354	175
-Bezugsgrösse(n)	3.5	4.8	2.3	273	120	712.4	353	177
Versuchs-Mittel	3.7	4.2	2.3	277	119	705.4	341	179
VK [%]	16.1	19.1	21.0	4	7	2.9	7	6
KGD (5%)	0.4	1.3	0.4	8	7	13.2	16	8
KGD (1%)	0.5	1.7	0.5	11	9	17.4	22	10
Versuchs- Streuung	0.6	0.8	0.5	10	8	20.1	25	12
FG Fehlerterm	403.0	58.0	230.0	230	230	346.0	346	346
Anz. Beob.	21.0	3.0	12.0	12	12	18.0	18	18
Anz. Orte	7.0	1.0	4.0	4	4	6.0	6	6
Minimum	3.3	2.0	1.8	252	103	678.1	319	164
Maximum	4.3	7.3	3.1	305	133	732.9	360	195

Sorten Bezeichnung	NDF g/kg TS NIR	Rohprot. g/kg TS NIR	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	Wurzel lager Veg. %	Wurzel lager Ernte %	Steng- bruch Ernte %
NK Silotop	385	62	561.9	213.8	38.2	0.0	11.6	2.7
KWS 9361	401	59	623.8	214.7	34.8	0.0	2.3	0.3
P 8488	411	61	599.1	223.5	37.5	0.0	2.1	4.5
Palmer	423	59	733.3	242.0	33.3	1.1	17.7	1.7
P8609	392	61	616.3	232.4	37.8	0.0	15.4	0.6
LG 30.306	414	60	712.0	249.2	35.1	12.8	45.4	5.4
LZM 361/09	397	61	667.1	237.2	35.7	0.0	7.9	1.1
MAS 27.L	403	62	542.8	202.7	37.6	0.0	34.7	0.0
Format	378	65	554.0	207.9	37.7	0.0	1.4	5.2
Sikaldi CS	407	60	532.2	208.2	39.3	0.0	9.0	0.3
P9203	404	61	621.8	215.0	34.7	0.0	8.6	2.1
DSP43999	383	66	614.8	216.3	35.2	0.0	5.8	5.7
DSP44331	390	62	596.0	218.9	36.9	0.0	4.5	1.1
CSM2259	419	61	572.5	208.7	36.8	0.0	0.6	2.6
KWS 2323	407	57	595.0	223.5	38.1	0.0	3.0	1.3
KXB3142	377	61	613.3	230.1	37.6	0.6	4.2	7.7
KXB3154	376	61	606.9	229.6	38.1	0.0	5.4	19.2
KXB3181	381	62	732.1	245.4	33.7	0.0	5.8	13.3
KXB3329	390	60	646.1	235.9	36.6	0.0	1.4	0.3
Kawaxx	400	61	603.2	222.6	37.2	0.0	2.5	2.4
Geoxx	385	62	557.1	208.6	37.6	0.6	11.9	3.3
LG 30.224	376	64	535.6	197.6	37.3	0.0	10.0	3.2
KXB3309	382	62	614.5	218.3	35.6	0.0	0.3	4.2
KXB3324	392	60	541.5	209.2	39.0	0.6	4.4	2.7
SA1432	396	57	534.0	214.5	40.4	1.1	45.1	4.2
SY Kardona	402	59	599.2	218.1	36.7	7.1	61.2	5.0
SB1542	379	66	552.8	212.8	38.6	0.0	18.1	2.1
Ronaldinio	368	66	556.6	204.4	37.1	0.0	2.3	5.3
Kandis	381	63	543.8	212.0	39.1	5.0	11.6	4.2
Indexx	388	64	691.1	235.6	34.4	0.0	14.5	2.7
-Bezugsgrösse(n)	388	62	589.1	223.1	38.0	0.0	13.5	1.6
Versuchs-Mittel	393	62	602.4	220.3	36.9	1.0	12.3	3.8
VK [%]	5	3	7.6	7.7	5.1	376.4	109.5	165.8
KGD (5%)	14	1	27.7	10.3	1.1	5.9	15.4	7.2
KGD (1%)	18	2	36.5	13.5	1.5		20.3	9.5
Versuchs- Streuung	21	2	45.7	16.9	1.9	3.6	13.5	6.3
FG Fehlerterm	346	346	404.0	404.0	404.0	58.0	116.0	116.0
Anz. Beob.	18	18	21.0	21.0	21.0	3.0	6.0	6.0
Anz. Orte	6	6	7.0	7.0	7.0	1.0	2.0	2.0
Minimum	368	57	532.2	197.6	33.3	0.0	0.3	0.0
Maximum	423	66	733.3	249.2	40.4	12.8	61.2	19.2

Sorten Bezeich- nung	Beulen brand %	Eff. Best. dichte Pfl./m2	relat. Kolben hoehe %	Saat - weibl. Bluete Tage	NEL MJ/kg TS	NEV MJ/kg TS	VOS- Ertrag dt/ha	Stärke- ertrag dt/ha
NK Silotop	0.0	9.4	45	79	6.5	6.7	155.4	75.7
KWS 9361	0.2	9.4	40	80	6.4	6.6	154.1	76.0
P 8488	0.2	9.3	41	81	6.2	6.3	155.7	74.3
Palmer	0.9	9.3	44	85	6.1	6.2	167.5	79.0
P8609	0.9	9.2	43	81	6.5	6.7	167.9	84.6
LG 30.306	0.6	9.4	44	84	6.2	6.3	175.8	86.1
LZM 361/09	2.2	9.4	44	80	6.4	6.6	168.5	81.8
MAS 27.L	0.0	8.9	42	79	6.3	6.5	142.6	67.3
Format	0.4	9.1	45	77	6.5	6.7	150.5	71.9
Sikaldi CS	0.6	9.4	44	77	6.2	6.4	146.3	70.3
P9203	1.3	9.0	46	80	6.3	6.5	156.1	73.1
DSP43999	1.2	9.2	43	78	6.4	6.6	156.1	72.9
DSP44331	0.2	9.1	43	77	6.3	6.5	156.0	76.0
CSM2259	1.9	9.3	43	81	6.1	6.2	144.6	68.9
KWS 2323	2.1	9.3	43	80	6.3	6.4	156.3	77.9
KXB3142	2.8	9.4	40	78	6.6	6.9	170.5	84.6
KXB3154	3.2	9.4	41	80	6.6	6.8	168.3	83.7
KXB3181	7.6	9.4	42	80	6.6	6.8	178.2	86.3
KXB3329	0.0	9.3	45	79	6.5	6.7	172.2	79.4
Kawaxx	2.4	9.4	42	80	6.4	6.5	159.1	74.6
Geoxx	0.2	9.2	42	77	6.4	6.6	149.4	72.5
LG 30.224	0.6	9.4	45	77	6.7	7.0	148.0	72.6
KXB3309	0.8	9.1	44	75	6.6	6.8	157.6	74.4
KXB3324	0.2	9.5	43	80	6.4	6.6	149.1	71.6
SA1432	1.0	9.4	45	78	6.4	6.6	153.5	77.6
SY Kardona	10.0	9.4	44	78	6.4	6.6	153.0	71.5
SB1542	0.6	9.1	42	75	6.5	6.8	154.6	74.2
Ronaldinio	0.2	9.3	43	75	6.6	6.8	149.3	73.8
Kandis	2.2	9.3	43	75	6.4	6.6	154.8	75.8
Indexx	0.0	9.4	43	79	6.4	6.6	168.9	84.7
-Bezugsgrösse(n)	0.5	9.3	44	80	6.5	6.7	161.6	80.1
Versuchs-Mittel	1.5	9.3	43	79	6.4	6.6	158.0	76.4
VK [%]	153.4	5.7	7	2	3.4	4.3	8.3	10.9
KGD (5%)	2.1		2	1	0.1	0.2	8.6	5.4
KGD (1%)	2.8		3	2	0.2	0.2	11.4	7.2
Versuchs- Streuung	2.3	0.5	3	2	0.2	0.3	13.2	8.3
FG Fehlerterm	174.0	404.0	230	230	346.0	346.0	346.0	346.0
Anz. Beob.	9.0	21.0	12	12	18.0	18.0	18.0	18.0
Anz. Orte	3.0	7.0	4	4	6.0	6.0	6.0	6.0
Minimum	0.0	8.9	40	75	6.1	6.2	142.6	67.3
Maximum	10.0	9.5	46	85	6.7	7.0	178.2	86.3

3.3.6 Details

Vigueur au départ [note] / Jugendentwicklung[Note]

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE
NK Silotop	3.4 -	4.0 ---	2.0 -	4.0 -----	4.3 ----
KWS 9361	3.8 -----	4.0 ---	4.3 -----	4.0 -----	4.0 -
P 8488	4.3 -----	3.7 -	6.7 -----	4.0 -----	4.7 -----
Palmer	3.5 --	3.7 -	2.0 -	4.3 -----	4.0 -
P8609	3.6 ----	3.7 -	3.7 ----	3.7 ---	4.3 ----
LG 30.306	3.7 ----	4.0 ---	3.7 ----	4.7 -----	4.0 -
LZM 361/09	3.7 ----	4.7 -----	2.7 ---	4.5 -----	4.3 ----
MAS 27.L	4.1 -----	4.0 ---	6.0 -----	4.0 -----	4.3 ----
Format	3.7 ----	4.3 -----	2.7 ---	4.0 -----	5.0 -----
SikalDI CS	3.4 --	4.3 -----	2.0 -	4.3 -----	4.7 -----
P9203	3.7 ----	4.0 ---	4.0 ----	4.3 -----	4.0 -
DSP43999	3.6 ----	4.7 -----	3.0 ---	4.7 -----	4.7 -----
DSP44331	3.3 -	4.7 -----	1.7 -	4.3 -----	5.0 -----
CSM2259	3.9 -----	4.3 -----	4.0 ----	4.0 -----	4.7 -----
KWS 2323	3.8 ----	4.0 ---	4.0 ----	4.0 -----	4.3 ----
KXB3142	3.7 ----	4.3 -----	3.3 ----	4.3 -----	4.7 -----
KXB3154	3.5 ---	4.0 ---	3.0 ---	3.7 ---	4.7 -----
KXB3181	3.6 ----	4.7 -----	2.7 ---	4.7 -----	5.0 -----
KXB3329	3.4 --	4.7 -----	2.0 -	4.3 -----	5.0 -----
Kawaxx	3.5 ---	4.3 -----	1.7 -	4.3 -----	4.3 ----
Geoxx	3.8 -----	4.0 ---	4.3 -----	4.0 -----	4.7 -----
LG 30.224	3.6 ----	4.0 ---	2.7 ---	4.0 -----	4.3 ----
KXB3309	3.7 ----	5.0 -----	2.3 --	4.7 -----	5.0 -----
KXB3324	3.8 -----	4.3 -----	5.0 -----	3.3 -	5.0 -----
SA1432	3.9 -----	4.7 -----	5.0 -----	4.0 -----	4.3 ----
SY Kardona	3.9 -----	5.0 -----	5.7 -----	4.7 -----	5.0 -----
SB1542	3.6 ---	5.0 -----	2.3 --	4.5 -----	5.0 -----
Ronaldinio	3.6 ----	5.0 -----	2.7 ---	4.3 -----	5.0 -----
Kandis	3.4 --	4.7 -----	2.7 ---	4.0 -----	4.7 -----
Indexx	3.4 --	4.3 -----	2.7 ---	4.0 -----	4.7 -----
-Bezugsgrösse(n)	3.5 ---	3.8 --	2.8 ---	3.8 ----	4.3 ----
Versuchs-Mittel	3.7 ----	4.3 -----	3.3 ----	4.2 -----	4.6 -----
VK [%]	16.1	9.6	30.8	11.9	8.9
KGD (5%)	0.4	0.7	1.7	ns	0.7
KGD (1%)	0.5	0.9	2.2	ns	0.9
Versuchs-Streuung	0.6	0.4	1.0	0.5	0.4
FG Fehlerterm	403.0	58.0	58.0	56.0	57.0
Anz. Beob.	21.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	29.5	29	2.90 ***	1.50	0.0002
Anbauorte	264.9	6	126.08 ***	2.12	0.0000
WW Verf.*Anb.Orte	200.9	174	3.30 ***	1.23	0.0000
Fehler	141.1	403			
Insgesamt	636.5	612			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
NK Silotop	3.2 ----	3.0 -----	3.2 -----
KWS 9361	3.8 -----	3.7 -----	3.0 -----
P 8488	4.0 -----	3.7 -----	3.2 -----
Palmer	3.7 -----	3.3 -----	3.3 -----
P8609	3.8 -----	3.0 -----	3.3 -----
LG 30.306	3.0 ---	3.2 -----	3.2 -----
LZM 361/09	3.5 -----	3.3 -----	3.2 -----
MAS 27.L	3.8 -----	3.5 -----	3.2 -----
Format	3.7 -----	3.2 -----	2.8 -----
Sikaldi CS	3.2 ----	3.0 -----	2.3 --
P9203	4.0 -----	2.7 ----	2.7 -----
DSP43999	3.2 ----	2.2 --	2.8 -----
DSP44331	3.2 ----	2.2 --	2.2 -
CSM2259	3.5 -----	3.8 -----	2.7 -----
KWS 2323	3.7 -----	3.0 -----	3.3 -----
KXB3142	3.2 ----	3.5 -----	2.8 -----
KXB3154	3.7 -----	2.5 ---	3.0 -----
KXB3181	3.3 -----	2.7 ----	2.5 ---
KXB3329	2.7 -	2.5 ---	2.7 -----
Kawaxx	4.0 -----	2.8 -----	3.0 -----
Geoxx	3.7 -----	2.8 -----	3.3 -----
LG 30.224	3.8 -----	3.7 -----	2.8 -----
KXB3309	3.3 -----	2.8 -----	2.7 -----
KXB3324	3.7 -----	2.5 ---	2.8 -----
SA1432	3.3 -----	3.2 -----	3.0 -----
SY Kardona	2.7 -	2.0 -	2.5 ---
SB1542	3.2 ----	2.7 ----	2.3 --
Ronaldinio	3.2 ----	2.5 ---	2.5 ---
Kandis	3.0 ---	2.3 --	2.7 -----
Indexx	3.3 -----	2.3 --	2.7 -----
-Bezugsgrösse(n)	3.5 -----	3.0 -----	3.3 -----
Versuchs-Mittel	3.4 -----	2.9 -----	2.9 -----
VK [%]	17.0	19.8	12.0
KGD (5%)	ns	0.9	0.6
KGD (1%)	ns	1.3	0.7
Versuchs-Streuung	0.6	0.6	0.3
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel	1567	Delley FR
NK Silotop	4.0 ----	4.0 ----	
KWS 9361	4.0 ----	4.0 ----	
P 8488	5.0 -----	5.0 -----	
Palmer	3.7 ----	3.7 ----	
P8609	5.7 -----	5.7 -----	
LG 30.306	3.3 ---	3.3 ---	
LZM 361/09	3.7 ----	3.7 ----	
MAS 27.L	7.0 -----	7.0 -----	
Format	4.3 ----	4.3 ----	
Sikaldi CS	5.0 -----	5.0 -----	
P9203	4.0 ----	4.0 ----	
DSP43999	3.3 ---	3.3 ---	
DSP44331	4.3 ----	4.3 ----	
CSM2259	4.3 ----	4.3 ----	
KWS 2323	3.7 ----	3.7 ----	
KXB3142	2.3 -	2.3 -	
KXB3154	3.7 ----	3.7 ----	
KXB3181	4.3 ----	4.3 ----	
KXB3329	2.0 -	2.0 -	
Kawaxx	4.0 ----	4.0 ----	
Geoxx	5.0 -----	5.0 -----	
LG 30.224	5.7 -----	5.7 -----	
KXB3309	3.3 ---	3.3 ---	
KXB3324	3.3 ---	3.3 ---	
SA1432	5.0 -----	5.0 -----	
SY Kardona	7.3 -----	7.3 -----	
SB1542	4.0 ----	4.0 ----	
Ronaldinio	4.7 -----	4.7 -----	
Kandis	3.7 ----	3.7 ----	
Indexx	2.3 -	2.3 -	
-Bezugsgrösse(n)	4.8 -----	4.8 -----	
Versuchs-Mittel	4.2 ----	4.2 ----	
VK [%]	19.1	19.1	
KGD (5%)	1.3	1.3	
KGD (1%)	1.7	1.7	
Versuchs-Streuung	0.8	0.8	
FG Fehlerterm	58.0	58.0	
Anz. Beob.	3.0	3.0	

Helminthosporium turcicum [note] / Helminthosporium turcicum [Note]

Verfahren	Seriemittel	1376 Goumoens VD	1896 Vouvry VS	3065 Habstetten BE	8566 Ellighausen TG
NK Silotop	2.3 ----	2.0 -	3.3 ----	3.0 ----	1.0 -
KWS 9361	2.2 ---	2.0 -	3.3 ----	2.3 --	1.0 -
P 8488	2.2 ----	2.0 -	3.3 ----	2.3 --	1.2 --
Palmer	2.1 ---	2.0 -	2.7 ---	2.7 ----	1.0 -
P8609	2.3 ----	2.3 ---	3.7 ----	2.3 --	1.0 -
LG 30.306	2.3 ----	2.0 -	2.7 ---	2.3 --	2.2 -----
LZM 361/09	1.8 -	2.0 -	2.0 -	2.0 -	1.2 --
MAS 27.L	1.9 --	2.0 -	2.0 -	2.7 ----	1.0 -
Format	2.1 ---	2.0 -	3.0 ----	2.3 --	1.0 -
Sikaldi CS	3.0 -----	3.0 -----	5.0 -----	3.0 ----	1.0 -
P9203	2.7 -----	3.3 -----	3.0 ----	3.3 ----	1.0 -
DSP43999	2.3 ----	2.3 ---	2.7 ---	3.3 ----	1.0 -
DSP44331	2.2 ---	2.0 -	2.7 ---	3.0 ----	1.0 -
CSM2259	2.4 ----	2.0 -	4.0 ----	2.7 ---	1.0 -
KWS 2323	3.1 -----	3.0 -----	4.0 ----	4.0 -----	1.5 ----
KXB3142	2.0 --	2.3 ---	2.3 --	2.3 --	1.0 -
KXB3154	2.1 ---	2.0 -	3.0 ----	2.0 -	1.5 ----
KXB3181	1.8 -	2.0 -	2.0 -	2.0 -	1.3 ---
KXB3329	1.8 -	2.0 -	2.0 -	2.3 --	1.0 -
Kawaxx	2.0 --	2.0 -	3.0 ----	2.0 -	1.0 -
Geoxx	2.2 ---	2.0 -	2.7 ---	2.7 ----	1.3 ---
LG 30.224	2.2 ---	2.0 -	3.7 ----	2.0 -	1.0 -
KXB3309	1.9 --	2.3 ---	2.3 --	2.0 -	1.0 -
KXB3324	2.7 -----	2.0 -	3.7 ----	2.7 ----	2.3 -----
SA1432	2.8 -----	2.0 -	4.7 -----	3.7 -----	1.0 -
SY Kardona	2.2 ---	2.3 ---	3.0 ----	2.3 --	1.0 -
SB1542	2.5 ----	3.0 -----	3.0 ----	2.3 --	1.7 ----
Ronaldinio	2.6 ----	2.7 ----	3.3 ----	2.7 ----	1.7 ----
Kandis	2.5 ----	2.3 ---	3.7 ----	3.0 ----	1.0 -
Indexx	2.0 --	2.3 ---	2.0 -	2.7 ----	1.0 -
-Bezugsgrösse(n)	2.3 ----	2.2 --	3.5 ----	2.7 ----	1.0 -
Versuchs-Mittel	2.3 ----	2.2 --	3.1 ----	2.6 ----	1.2 --
VK [%]	21.0	13.5	17.2	20.1	43.9
KGD (5%)	0.4	0.5	0.9	0.9	ns
KGD (1%)	0.5	0.7	1.1	1.1	ns
Versuchs-Streuung	0.5	0.3	0.5	0.5	0.5
FG Fehlerterm	230.0	58.0	56.0	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	40.3	29	6.07 ***	1.52	0.0000
Anbauorte	169.5	3	246.79 ***	2.64	0.0000
WW Verf.*Anb.Orte	58.3	87	2.93 ***	1.33	0.0001
Fehler	52.7	230			
Insgesamt	320.8	349			

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1376 Goumoens VD	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	253.8 -	245.0 -	258.3 ----	248.3 -	263.3 --
KWS 9361	257.5 --	248.3 -	260.0 ----	260.0 ---	261.7 --
P 8488	284.2 -----	275.0 -----	283.3 -----	281.7 -----	296.7 -----
Palmer	299.2 -----	290.0 -----	300.0 -----	300.0 -----	306.7 -----
P8609	292.5 -----	281.7 -----	290.0 -----	295.0 -----	303.3 -----
LG 30.306	305.0 -----	300.0 -----	300.0 -----	300.0 -----	320.0 -----
LZM 361/09	276.7 ----	271.7 ----	280.0 ----	268.3 ----	286.7 ----
MAS 27.L	274.2 ----	270.0 ----	276.7 ----	270.0 ----	280.0 ----
Format	271.3 ----	261.7 ----	270.0 ----	273.3 ----	280.0 ----
SikalDI CS	255.8 -	250.0 -	255.0 ---	255.0 --	263.3 --
P9203	282.5 -----	283.3 -----	276.7 -----	281.7 -----	288.3 -----
DSP43999	284.6 -----	285.0 -----	293.3 -----	276.7 -----	283.3 -----
DSP44331	275.4 -----	270.0 -----	275.0 -----	270.0 -----	286.7 -----
CSM2259	278.3 -----	275.0 -----	270.0 -----	271.7 -----	296.7 -----
KWS 2323	268.3 ----	273.3 ----	261.7 ---	263.3 ---	275.0 ---
KXB3142	285.8 -----	281.7 -----	285.0 -----	283.3 -----	293.3 -----
KXB3154	290.8 -----	278.3 -----	295.0 -----	280.0 -----	310.0 -----
KXB3181	297.5 -----	301.7 -----	310.0 -----	281.7 -----	296.7 -----
KXB3329	282.1 ----	281.7 ----	281.7 ----	275.0 ----	290.0 ----
Kawaxx	287.9 -----	285.0 -----	293.3 -----	283.3 -----	290.0 -----
Geoxx	280.8 -----	276.7 -----	278.3 -----	288.3 -----	280.0 ----
LG 30.224	252.1 -	251.7 --	233.3 -	263.3 ----	260.0 -
KXB3309	276.7 ----	278.3 ----	275.0 ----	273.3 ----	280.0 ----
KXB3324	270.4 ----	268.3 ----	270.0 ----	263.3 ----	280.0 ----
SA1432	264.2 ---	265.0 ---	270.0 ----	251.7 -	270.0 ---
SY Kardona	286.3 -----	276.7 -----	286.7 -----	281.7 -----	300.0 -----
SB1542	260.0 --	255.0 --	275.0 -----	255.0 --	255.0 -
Ronaldinio	263.8 ---	273.3 -----	253.3 ---	266.7 ----	261.7 --
Kandis	263.3 ---	253.3 --	265.0 ----	261.7 ---	273.3 ---
Indexx	287.9 -----	291.7 -----	286.7 -----	283.3 -----	290.0 -----
-Bezugsgrösse(n)	273.1 -----	263.3 ----	274.2 -----	271.7 -----	283.3 -----
Versuchs-Mittel	277.0 -----	273.3 -----	276.9 -----	273.6 -----	284.1 -----
VK [%]	3.7	3.6	3.3	3.7	4.0
KGD (5%)	8.2	16.0	15.1	16.5	18.6
KGD (1%)	10.8	21.3	20.0	21.9	24.8
Versuchs-Streuung	10.2	9.8	9.2	10.1	11.4
FG Fehlerterm	230.0	58.0	56.0	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	68142.3	29	22.79 ***	1.52	0.0000
Anbauorte	6794.7	3	21.97 ***	2.64	0.0000
WW Verf.*Anb.Orte	11907.4	87	1.33 ns	1.33	
Fehler	23709.8	230			
Insgesamt	110554.2	349			

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

Verfahren	Seriemittel	1376 Goumoens VD	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	114.2 ----	106.7 ---	123.3 -----	108.3 ----	118.3 ----
KWS 9361	103.3 -	95.0 -	113.3 ---	96.7 -	108.3 -
P 8488	117.1 -----	105.0 ---	126.7 -----	113.3 -----	123.3 -----
Palmer	130.8 -----	126.7 -----	131.7 -----	135.0 -----	130.0 -----
P8609	126.3 -----	120.0 -----	128.3 -----	123.3 -----	133.3 -----
LG 30.306	132.9 -----	126.7 -----	138.3 -----	133.3 -----	133.3 -----
LZM 361/09	122.3 -----	116.7 -----	122.5 -----	123.3 -----	126.7 -----
MAS 27.L	116.3 -----	106.7 ---	126.7 -----	108.3 ---	123.3 -----
Format	123.3 -----	106.7 ---	133.3 -----	123.3 -----	130.0 -----
SikalDI CS	113.3 ----	105.0 ---	126.7 -----	101.7 --	120.0 ----
P9203	130.8 -----	136.7 -----	128.3 -----	121.7 -----	136.7 -----
DSP43999	123.3 -----	116.7 -----	131.7 -----	115.0 -----	130.0 -----
DSP44331	117.9 -----	105.0 ---	136.7 -----	103.3 --	126.7 -----
CSM2259	120.0 -----	113.3 -----	123.3 -----	120.0 -----	123.3 -----
KWS 2323	114.6 ----	101.7 --	126.7 -----	110.0 ---	120.0 ----
KXB3142	115.0 ----	101.7 --	121.7 -----	113.3 -----	123.3 -----
KXB3154	118.8 -----	115.0 -----	121.7 -----	110.0 ----	128.3 -----
KXB3181	125.0 -----	116.7 -----	141.7 -----	116.7 -----	125.0 -----
KXB3329	127.1 -----	118.3 -----	135.0 -----	118.3 -----	136.7 -----
Kawaxx	121.3 -----	118.3 -----	130.0 -----	113.3 -----	123.3 -----
Geoxx	117.9 -----	111.7 -----	126.7 -----	113.3 -----	120.0 ----
LG 30.224	112.9 ----	111.7 -----	106.7 -	113.3 -----	120.0 ----
KXB3309	122.9 -----	116.7 -----	131.7 -----	113.3 -----	130.0 -----
KXB3324	115.0 ----	108.3 ---	126.7 -----	110.0 ---	115.0 ---
SA1432	117.9 -----	110.0 ---	126.7 -----	111.7 -----	123.3 -----
SY Kardona	125.8 -----	115.0 -----	130.0 -----	125.0 -----	133.3 -----
SB1542	108.8 --	100.0 --	125.0 -----	96.7 -	113.3 --
Ronaldinio	112.1 ----	100.0 --	128.3 -----	106.7 ---	113.3 --
Kandis	114.2 ----	105.0 ---	123.3 -----	110.0 ----	118.3 ----
Indexx	123.3 -----	113.3 -----	135.0 -----	120.0 -----	125.0 -----
-Bezugsgrösse(n)	120.2 -----	113.3 -----	125.8 -----	115.8 -----	125.8 -----
Versuchs-Mittel	119.5 -----	111.7 -----	127.6 -----	114.3 -----	124.4 -----
VK [%]	7.1	6.9	6.5	9.6	5.1
KGD (5%)	6.8	12.6	13.6	17.9	10.4
KGD (1%)	9.0	16.7	18.0	23.8	13.9
Versuchs-Streuung	8.5	7.7	8.3	10.9	6.4
FG Fehlerterm	230.0	58.0	56.0	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	16038.3	29	7.67 ***		1.52	0.0000
Anbauorte	16008.5	3	74.02 ***		2.64	0.0000
WW Verf.*Anb.Orte	6866.0	87	1.09 ns		1.33	
Fehler	16580.7	230				
Insgesamt	55493.5	349				

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

Verfahren	Seriemittel	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	714.2	707.7	699.0	658.0	734.0
KWS 9361	703.7	704.0	694.0	655.3	710.3
P 8488	684.0	686.0	680.0	607.3	693.0
Palmer	678.1	650.0	682.7	606.3	698.3
P8609	710.7	685.3	721.0	667.0	719.3
LG 30.306	682.4	669.3	691.3	620.7	693.3
LZM 361/09	704.4	680.7	707.5	630.3	719.7
MAS 27.L	697.7	682.7	694.7	673.7	696.0
Format	710.6	695.7	700.3	665.0	717.7
SikalDI CS	690.3	674.7	651.0	644.3	716.0
P9203	696.3	684.0	700.3	571.0	728.3
DSP43999	708.4	706.7	684.0	652.7	721.3
DSP44331	698.9	686.0	710.0	640.0	702.7
CSM2259	680.9	678.3	678.3	601.0	681.0
KWS 2323	690.8	687.0	689.0	633.7	698.7
KXB3142	726.6	728.3	709.3	682.0	734.3
KXB3154	717.8	721.0	703.0	662.0	727.7
KXB3181	722.7	709.7	726.0	654.3	738.3
KXB3329	712.7	725.3	655.3	661.7	724.3
Kawaxx	702.4	691.0	687.3	643.3	708.7
Geoxx	706.4	713.0	677.7	676.0	706.7
LG 30.224	732.9	733.7	742.0	688.0	737.7
KXB3309	721.8	709.7	692.0	671.7	745.7
KXB3324	703.6	723.7	691.0	674.0	706.3
SA1432	705.4	709.0	681.3	659.0	710.0
SY Kardona	703.9	687.7	699.3	649.7	722.0
SB1542	717.1	702.7	707.0	679.0	729.3
Ronaldinio	721.7	706.7	708.7	704.0	720.3
Kandis	707.3	714.0	663.3	636.0	723.3
Indexx	707.8	697.3	726.7	639.0	707.3
-Bezugsgrösse(n)	712.4	696.5	710.0	662.5	726.7
Versuchs-Mittel	705.4	698.4	695.1	650.2	715.7
VK [%]	2.9	1.9	4.4	4.8	1.4
KGD (5%)	13.2	21.5	ns	51.0	15.8
KGD (1%)	17.4	28.6	ns	67.9	21.0
Versuchs-Streuung	20.1	13.1	30.6	31.2	9.7
FG Fehlerterm	346.0	58.0	56.0	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	99074.9	29	8.43 ***	1.50	0.0000
Anbauorte	475522.0	5	234.56 ***	2.24	0.0000
WW Verf.*Anb.Orte	97162.4	145	1.65 ns	1.25	
Fehler	140289.3	346			
Insgesamt	812048.5	525			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
NK Silotop	755.0	-----	731.3	-----
KWS 9361	732.0	----	726.7	-----
P 8488	720.3	--	717.3	----
Palmer	727.7	---	703.7	-
P8609	748.3	-----	723.3	-----
LG 30.306	720.7	--	699.0	-
LZM 361/09	747.0	-----	741.0	-----
MAS 27.L	727.7	---	711.3	---
Format	741.7	-----	743.0	-----
Sikaldi CS	732.3	----	723.7	-----
P9203	748.7	-----	745.7	-----
DSP43999	743.3	-----	742.3	-----
DSP44331	727.7	---	727.0	-----
CSM2259	730.7	----	716.3	----
KWS 2323	735.3	----	701.3	-
KXB3142	754.0	-----	751.3	-----
KXB3154	751.7	-----	741.7	-----
KXB3181	765.7	-----	742.0	-----
KXB3329	762.3	-----	747.0	-----
Kawaxx	740.3	-----	743.7	-----
Geoxx	737.0	----	728.3	-----
LG 30.224	747.7	-----	748.3	-----
KXB3309	758.3	-----	753.3	-----
KXB3324	715.7	-	710.7	---
SA1432	743.0	-----	730.0	-----
SY Kardona	738.7	----	726.0	-----
SB1542	744.0	-----	740.7	-----
Ronaldinio	745.7	-----	745.0	-----
Kandis	755.3	-----	752.0	-----
Indexx	740.0	----	736.3	-----
-Bezugsgrösse(n)	751.7	-----	727.3	-----
Versuchs-Mittel	741.3	-----	731.6	-----
VK [%]	1.3		1.8	
KGD (5%)	16.3		21.7	
KGD (1%)	21.7		28.9	
Versuchs-Streuung	10.0		13.3	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	348.2	321.7	346.0	306.0	366.3
KWS 9361	347.6	305.7	352.0	314.0	368.3
P 8488	325.1	316.0	328.7	248.7	335.7
Palmer	319.1	271.7	338.3	237.0	347.3
P8609	358.8	326.7	379.7	316.0	362.3
LG 30.306	333.7	305.7	345.7	270.7	353.7
LZM 361/09	341.4	287.0	360.5	263.0	374.7
MAS 27.L	328.5	281.7	340.3	316.3	332.7
Format	339.6	305.0	333.7	293.7	359.0
Sikaldi CS	330.6	306.7	298.0	277.7	366.7
P9203	321.2	294.7	339.3	172.3	353.0
DSP43999	328.8	308.0	308.3	273.3	346.7
DSP44331	340.4	305.3	363.7	288.0	344.0
CSM2259	322.9	304.7	330.7	249.3	306.3
KWS 2323	343.2	314.0	345.3	274.3	363.0
KXB3142	360.3	335.7	357.7	322.3	365.0
KXB3154	356.6	335.0	361.7	308.7	357.7
KXB3181	348.9	312.0	368.0	282.0	365.3
KXB3329	327.3	320.7	257.7	279.3	352.0
Kawaxx	329.4	294.0	320.3	275.3	339.7
Geoxx	342.4	340.7	332.0	317.3	338.3
LG 30.224	360.3	338.3	381.3	320.3	348.7
KXB3309	340.2	319.0	315.3	303.0	350.7
KXB3324	337.7	331.3	334.3	318.7	327.7
SA1432	356.3	347.7	328.3	315.0	353.0
SY Kardona	328.2	301.0	337.7	265.3	341.7
SB1542	344.6	312.3	344.5	314.7	350.3
Ronaldinio	356.6	327.3	357.3	365.0	342.3
Kandis	344.9	334.0	295.7	283.7	364.0
Indexx	354.4	316.0	377.0	303.7	353.0
-Bezugsgrösse(n)	353.5	324.2	362.8	311.0	364.3
Versuchs-Mittel	340.6	314.0	339.3	289.2	351.0
VK [%]	7.4	4.4	11.3	13.5	3.2
KGD (5%)	16.5	22.5	62.9	64.0	18.3
KGD (1%)	21.7	29.9	ns	85.1	24.4
Versuchs-Streuung	25.1	13.7	38.4	39.1	11.2
FG Fehlerterm	346.0	58.0	56.0	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	82259.1	29	4.49 ***	1.50	0.0000
Anbauorte	531075.7	5	168.17 ***	2.24	0.0000
WW Verf.*Anb.Orte	164980.2	145	1.80 ***	1.25	0.0007
Fehler	218526.8	346			
Insgesamt	996841.8	525			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
NK Silotop	381.7	-----	367.3	-----
KWS 9361	386.7	-----	358.7	----
P 8488	363.7	-	358.0	----
Palmer	374.7	----	345.3	--
P8609	394.7	-----	373.3	-----
LG 30.306	374.0	----	352.7	---
LZM 361/09	384.7	-----	378.7	-----
MAS 27.L	361.7	-	338.3	-
Format	382.7	-----	363.3	-----
Sikaldi CS	374.3	----	360.3	----
P9203	387.0	-----	380.7	-----
DSP43999	372.0	---	364.3	-----
DSP44331	372.7	---	368.7	-----
CSM2259	377.3	----	369.0	-----
KWS 2323	397.3	-----	365.3	----
KXB3142	382.3	-----	398.7	-----
KXB3154	384.0	-----	392.3	-----
KXB3181	399.3	-----	367.0	----
KXB3329	388.3	-----	366.0	----
Kawaxx	375.3	----	371.7	-----
Geoxx	364.3	--	362.0	-----
LG 30.224	381.0	-----	392.3	-----
KXB3309	385.0	-----	368.3	-----
KXB3324	359.7	-	354.7	---
SA1432	405.3	-----	388.3	-----
SY Kardona	363.3	-	360.3	----
SB1542	375.7	----	370.3	-----
Ronaldinio	379.7	-----	368.0	-----
Kandis	396.3	-----	396.0	-----
Indexx	398.3	-----	378.7	-----
-Bezugsgrösse(n)	388.2	-----	370.3	-----
Versuchs-Mittel	380.8	-----	369.3	-----
VK [%]	3.2		5.1	
KGD (5%)	19.6		30.7	
KGD (1%)	26.1		ns	
Versuchs-Streuung	12.0		18.8	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1567 Delley FR		1896 Vouvry VS		3065 Habstetten BE		8046 Reckenholz ZH	
NK Silotop	177.4	-----	193.3	----	189.3	-----	203.3	----	156.0	--
KWS 9361	182.1	-----	194.3	-----	191.3	-----	204.0	----	168.0	-----
P 8488	187.8	-----	201.3	-----	195.3	-----	230.3	-----	170.3	-----
Palmer	195.1	-----	223.0	-----	194.7	-----	236.7	-----	176.3	-----
P8609	177.2	-----	202.7	-----	175.0	---	202.7	----	161.3	----
LG 30.306	189.4	-----	210.3	-----	190.3	-----	223.0	-----	171.7	-----
LZM 361/09	180.2	-----	205.3	-----	180.0	----	220.7	-----	160.7	----
MAS 27.L	182.6	-----	201.7	-----	187.3	-----	199.0	----	175.0	-----
Format	174.7	----	194.7	----	180.3	----	204.0	----	161.7	----
Sikaldi CS	188.7	-----	208.0	-----	217.7	-----	220.3	-----	160.3	----
P9203	185.0	-----	200.7	-----	183.7	----	251.3	-----	160.7	----
DSP43999	176.2	----	187.0	---	190.7	-----	207.0	-----	162.7	----
DSP44331	180.7	-----	198.0	-----	177.0	---	213.3	-----	174.0	-----
CSM2259	192.6	-----	205.7	-----	198.0	-----	238.0	-----	185.3	-----
KWS 2323	189.2	-----	202.7	-----	197.0	-----	220.7	-----	176.3	-----
KXB3142	167.3	--	181.0	--	177.3	---	190.7	--	156.3	--
KXB3154	172.3	---	184.0	--	183.0	----	200.7	----	160.0	---
KXB3181	170.4	---	189.3	----	171.3	--	204.7	----	154.3	--
KXB3329	173.7	----	182.7	--	205.7	-----	201.7	----	149.7	-
Kawaxx	179.2	-----	198.3	-----	192.3	-----	205.7	----	166.3	-----
Geoxx	176.9	-----	183.3	--	198.0	-----	189.3	--	165.3	-----
LG 30.224	164.2	-	175.0	-	163.3	-	186.3	--	154.0	--
KXB3309	170.0	--	183.3	--	187.3	-----	194.7	---	153.7	--
KXB3324	179.2	-----	179.7	--	191.0	-----	194.7	---	170.0	-----
SA1432	178.7	-----	188.0	---	196.7	-----	207.0	-----	169.0	-----
SY Kardona	180.1	-----	195.7	-----	185.3	-----	213.7	-----	166.0	-----
SB1542	168.2	--	187.7	---	178.0	---	187.0	--	153.7	--
Ronaldinio	169.5	--	186.3	---	178.3	---	177.3	-	164.0	-----
Kandis	177.3	-----	182.3	--	209.7	-----	217.7	-----	158.0	---
Indexx	175.3	----	189.3	----	173.0	--	211.0	-----	166.3	-----
-Bezugsgrösse(n)	177.3	-----	198.0	-----	182.2	----	203.0	-----	158.7	---
Versuchs-Mittel	178.7	-----	193.8	-----	187.9	-----	208.5	-----	164.2	-----
VK [%]	6.4		3.2		8.9		8.9		3.7	
KGD (5%)	7.5		10.2		27.2		30.3		9.9	
KGD (1%)	9.9		13.6		ns		40.3		13.2	
Versuchs-Streuung	11.5		6.2		16.6		18.5		6.1	
FG Fehlerterm	346.0		58.0		56.0		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	31225.1	29	8.13	***	1.50	0.0000
Anbauorte	199829.1	5	301.81	***	2.24	0.0000
WW Verf.*Anb.Orte	30677.5	145	1.60	ns	1.25	
Fehler	45817.4	346				
Insgesamt	307549.2	525				

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
NK Silotop	156.0	-----	166.3	-----
KWS 9361	163.3	-----	171.7	-----
P 8488	161.3	-----	168.0	-----
Palmer	164.0	-----	175.7	-----
P8609	154.7	-----	166.7	-----
LG 30.306	165.0	-----	176.3	-----
LZM 361/09	153.7	-----	161.0	-----
MAS 27.L	161.0	-----	171.7	-----
Format	151.0	-----	156.3	---
Sikaldi CS	160.0	-----	165.7	-----
P9203	156.3	-----	157.3	---
DSP43999	152.7	-----	157.0	---
DSP44331	161.0	-----	161.0	-----
CSM2259	161.7	-----	167.0	-----
KWS 2323	160.7	-----	178.0	-----
KXB3142	149.3	---	149.0	-
KXB3154	151.3	---	155.0	---
KXB3181	143.3	-	159.3	---
KXB3329	145.7	--	157.0	---
Kawaxx	155.7	-----	157.0	---
Geoxx	162.7	-----	163.0	-----
LG 30.224	154.3	-----	152.0	--
KXB3309	148.0	---	153.0	--
KXB3324	166.7	-----	173.3	-----
SA1432	151.0	-----	160.7	-----
SY Kardona	159.0	-----	160.7	-----
SB1542	150.3	-----	152.3	--
Ronaldinio	154.7	-----	156.3	---
Kandis	147.3	--	149.0	-
Indexx	152.0	-----	160.3	-----
-Bezugsgrösse(n)	155.3	-----	166.5	-----
Versuchs-Mittel	155.8	-----	161.9	-----
VK [%]	4.1		4.9	
KGD (5%)	10.5		12.9	
KGD (1%)	14.0		17.1	
Versuchs-Streuung	6.4		7.9	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	384.6 ----	391.3 ---	398.0 ----	424.3 ----	370.7 ---
KWS 9361	400.8 -----	402.7 -----	418.3 -----	441.7 -----	393.7 -----
P 8488	410.7 -----	409.7 -----	421.0 -----	476.7 -----	402.7 -----
Palmer	423.3 -----	452.7 -----	434.3 -----	488.7 -----	396.7 -----
P8609	392.3 -----	425.7 -----	399.0 -----	415.3 ---	382.3 -----
LG 30.306	414.4 -----	431.7 -----	410.3 -----	467.7 -----	399.0 -----
LZM 361/09	397.4 -----	433.0 -----	398.0 ----	463.3 -----	373.0 ----
MAS 27.L	403.3 -----	419.3 -----	414.7 -----	413.7 ---	404.3 -----
Format	377.6 --	396.3 ----	392.3 ---	411.0 ---	360.0 --
SikalDI CS	407.1 -----	422.7 -----	453.0 -----	448.7 -----	376.3 ----
P9203	403.8 -----	415.0 -----	408.0 -----	528.0 -----	364.0 --
DSP43999	382.8 ---	380.0 --	408.7 -----	421.7 ----	365.0 --
DSP44331	390.3 -----	403.7 -----	390.0 ---	439.0 -----	380.3 -----
CSM2259	419.3 -----	431.3 -----	421.7 -----	495.3 -----	414.0 -----
KWS 2323	406.6 -----	414.0 -----	419.3 -----	454.3 -----	398.3 -----
KXB3142	377.4 --	382.0 --	399.3 ----	412.7 ---	364.3 --
KXB3154	376.0 --	376.7 --	383.3 --	427.7 ----	356.7 -
KXB3181	380.7 ---	392.0 ----	382.3 --	445.7 -----	359.0 -
KXB3329	390.2 -----	395.3 ----	443.0 -----	433.3 ----	366.7 ---
Kawaxx	399.5 -----	411.0 -----	423.7 -----	451.7 -----	388.3 -----
Geoxx	384.8 ----	380.3 --	408.7 -----	406.0 ---	375.7 ----
LG 30.224	375.5 --	366.7 -	369.3 -	418.3 ----	370.0 ---
KXB3309	381.5 ---	393.7 ----	410.0 -----	425.3 ----	354.3 -
KXB3324	391.9 -----	374.0 -	408.0 -----	418.0 ---	386.0 -----
SA1432	396.1 -----	400.7 -----	416.7 -----	428.3 ----	396.7 -----
SY Kardona	402.0 -----	404.0 -----	415.3 -----	449.3 -----	390.7 -----
SB1542	378.5 ---	394.3 ----	397.5 ----	404.0 ---	379.7 -----
Ronaldinio	367.8 -	378.3 --	384.3 --	373.3 -	373.0 ----
Kandis	381.2 ---	376.3 --	432.7 -----	434.3 -----	367.7 ---
Indexx	387.6 ----	398.3 ----	385.3 ---	435.0 -----	392.3 -----
-Bezugsgrösse(n)	388.4 ----	408.5 -----	398.5 ----	419.8 ----	376.5 ----
Versuchs-Mittel	392.8 -----	401.8 -----	408.2 -----	438.4 -----	380.0 -----
VK [%]	5.3	4.1	6.3	7.5	3.6
KGD (5%)	13.7	27.1	41.9	53.7	22.7
KGD (1%)	18.0	36.1	ns	71.5	30.1
Versuchs-Streuung	20.9	16.6	25.6	32.9	13.9
FG Fehlerterm	346.0	58.0	56.0	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	105079.6	29	8.31 ***		1.50	0.0000
Anbauorte	377274.6	5	173.03 ***		2.24	0.0000
WW Verf.*Anb.Orte	103523.4	145	1.64 ns		1.25	
Fehler	150880.9	346				
Insgesamt	736758.5	525				

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

Verfahren	8193 Eglisau ZH		8566 Ellighausen TG	
NK Silotop	357.7	----	365.3	-----
KWS 9361	369.3	-----	379.3	-----
P 8488	378.3	-----	375.7	-----
Palmer	378.0	-----	389.7	-----
P8609	356.3	----	375.3	-----
LG 30.306	382.7	-----	395.3	-----
LZM 361/09	355.7	----	361.7	----
MAS 27.L	376.3	-----	391.3	-----
Format	349.3	--	356.7	----
Sikaldi CS	361.3	-----	380.7	-----
P9203	355.7	----	352.0	----
DSP43999	362.7	-----	358.7	-----
DSP44331	365.3	-----	363.3	-----
CSM2259	371.0	-----	382.7	-----
KWS 2323	368.0	-----	385.7	-----
KXB3142	359.7	-----	346.3	---
KXB3154	357.3	----	354.3	----
KXB3181	344.7	-	360.3	-----
KXB3329	348.3	--	354.7	----
Kawaxx	363.0	-----	359.3	-----
Geoxx	373.7	-----	364.3	-----
LG 30.224	364.0	-----	364.7	-----
KXB3309	350.3	---	355.3	----
KXB3324	381.3	-----	384.0	-----
SA1432	361.7	-----	372.7	-----
SY Kardona	380.0	-----	372.7	-----
SB1542	350.0	---	345.7	---
Ronaldinio	354.3	----	343.7	--
Kandis	342.0	-	334.0	-
Indexx	358.0	-----	356.3	----
-Bezugsgrösse(n)	357.0	----	370.3	-----
Versuchs-Mittel	362.5	-----	366.1	-----
VK [%]	3.4		4.4	
KGD (5%)	20.4		26.5	
KGD (1%)	27.2		35.2	
Versuchs-Streuung	12.5		16.2	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	61.9 -----	65.3 ----	63.0 ----	62.0 -----	58.0 -----
KWS 9361	59.3 ---	64.3 ----	61.0 ----	58.0 ----	56.0 ---
P 8488	61.4 -----	65.0 ----	63.0 -----	59.7 -----	59.3 -----
Palmer	59.2 ---	63.3 ---	61.0 ---	53.7 -	60.3 -----
P8609	61.3 -----	63.0 --	63.7 -----	60.0 -----	58.7 -----
LG 30.306	59.6 ---	62.3 -	62.3 ----	55.3 ---	57.3 ----
LZM 361/09	60.9 -----	64.3 ----	63.5 -----	57.0 ----	59.0 -----
MAS 27.L	62.1 -----	67.0 -----	62.0 ----	62.0 -----	58.0 ----
Format	64.8 -----	67.7 -----	66.3 -----	63.3 -----	62.7 -----
SikalDI CS	60.4 ----	65.0 ----	60.3 ---	58.3 ----	57.7 ----
P9203	60.7 -----	63.7 ---	61.3 ----	54.3 --	59.3 -----
DSP43999	65.8 -----	69.0 -----	69.0 -----	63.0 -----	61.0 -----
DSP44331	62.1 -----	67.0 -----	64.7 -----	56.3 ---	58.0 ----
CSM2259	61.1 -----	66.0 -----	61.0 ----	54.7 --	59.0 -----
KWS 2323	57.3 -	61.7 -	58.7 --	53.3 -	54.3 --
KXB3142	60.9 -----	64.3 ----	63.0 ----	55.3 ---	58.7 ----
KXB3154	60.8 -----	65.0 ----	60.7 ---	55.7 ---	60.0 -----
KXB3181	62.3 -----	65.0 ----	66.0 -----	54.3 --	61.0 -----
KXB3329	60.2 ----	64.7 ----	58.7 --	55.0 --	58.0 ----
Kawaxx	60.8 -----	65.3 ----	61.3 ----	53.7 -	58.0 ----
Geoxx	61.6 -----	66.7 -----	61.3 ----	58.3 ----	56.3 ----
LG 30.224	63.8 -----	68.3 -----	65.3 -----	58.7 ----	60.3 -----
KXB3309	62.1 -----	64.7 ----	62.0 ----	56.7 ---	61.3 -----
KXB3324	59.9 ----	65.7 ----	61.0 ----	55.7 ---	56.3 ----
SA1432	57.1 -	62.0 -	57.3 -	55.7 ---	53.3 -
SY Kardona	58.5 --	62.0 -	60.0 ---	53.7 -	55.0 --
SB1542	65.8 -----	69.0 -----	66.0 -----	62.0 -----	62.3 -----
Ronaldinio	66.4 -----	70.3 -----	66.7 -----	62.7 -----	62.0 -----
Kandis	62.7 -----	67.0 -----	62.3 ----	55.7 ---	61.3 -----
Indexx	64.3 -----	67.0 -----	67.7 -----	58.3 ----	61.7 -----
-Bezugsgrösse(n)	61.6 -----	64.2 ---	63.3 -----	61.0 -----	58.3 -----
Versuchs-Mittel	61.5 -----	65.4 -----	62.7 -----	57.4 ----	58.8 -----
VK [%]	3.3	2.6	3.6	4.5	3.3
KGD (5%)	1.3	2.8	3.7	4.2	3.2
KGD (1%)	1.8	3.7	5.0	5.6	4.3
Versuchs-Streuung	2.1	1.7	2.3	2.6	2.0
FG Fehlerterm	346.0	58.0	56.0	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	2821.8	29	23.11 ***	1.50	0.0000
Anbauorte	3788.7	5	180.00 ***	2.24	0.0000
WW Verf.*Anb.Orte	1221.1	145	2.00 ***	1.25	0.0004
Fehler	1456.5	346			
Insgesamt	9288.1	525			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
NK Silotop	63.3	-----	59.7	---
KWS 9361	61.0	----	55.7	-
P 8488	62.0	----	59.7	---
Palmer	59.7	---	57.0	--
P8609	63.3	-----	59.3	---
LG 30.306	59.3	--	61.0	----
LZM 361/09	61.7	----	59.7	---
MAS 27.L	61.0	----	62.3	----
Format	63.3	-----	65.7	-----
Sikaldi CS	59.3	--	62.0	----
P9203	63.7	-----	62.0	----
DSP43999	66.7	-----	66.3	-----
DSP44331	64.7	-----	62.0	----
CSM2259	62.0	----	64.0	-----
KWS 2323	58.7	--	57.3	--
KXB3142	60.7	----	63.3	-----
KXB3154	60.7	----	62.7	----
KXB3181	65.0	-----	62.7	----
KXB3329	64.0	-----	61.0	----
Kawaxx	64.0	-----	62.3	----
Geoxx	64.3	-----	62.7	----
LG 30.224	65.3	-----	64.7	-----
KXB3309	64.3	-----	63.3	-----
KXB3324	59.3	--	61.3	----
SA1432	57.7	-	56.3	-
SY Kardona	59.0	--	61.3	----
SB1542	66.7	-----	69.0	-----
Ronaldinio	66.7	-----	70.0	-----
Kandis	65.0	-----	64.7	-----
Indexx	66.0	-----	65.3	-----
-Bezugsgrösse(n)	63.3	-----	59.5	---
Versuchs-Mittel	62.6	-----	62.1	-----
VK [%]	3.3		2.6	
KGD (5%)	3.3		2.6	
KGD (1%)	4.5		3.5	
Versuchs-Streuung	2.0		1.6	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE
NK Silotop	561.9 --	499.9 --	672.7 ----	517.4 ----	601.6 ---
KWS 9361	623.8 ----	583.7 ----	779.9 ----	536.7 ----	668.1 ----
P 8488	599.1 ----	557.9 ----	623.3 ---	528.2 ---	686.3 ----
Palmer	733.3 ----	678.4 ----	843.1 ----	690.6 ----	808.6 ----
P8609	616.3 ----	539.2 ---	647.4 ----	583.9 ----	685.0 ----
LG 30.306	712.0 ----	637.6 ----	805.3 ----	687.0 ----	759.9 ----
LZM 361/09	667.1 ----	624.3 ----	776.7 ----	607.9 ----	709.0 ----
MAS 27.L	542.8 -	531.5 ---	583.1 --	480.9 ---	580.4 --
Format	554.0 --	498.5 -	661.3 ----	476.5 ---	583.1 --
SikalDI CS	532.2 -	475.3 -	660.2 ----	426.9 --	570.3 --
P9203	621.8 ----	502.6 --	778.1 ----	560.9 ----	635.2 ----
DSP43999	614.8 ----	615.8 ----	700.8 ----	601.6 ----	580.9 --
DSP44331	596.0 ----	534.7 ---	714.7 ----	524.5 ----	602.4 ---
CSM2259	572.5 ---	517.7 --	694.0 ----	481.8 ---	649.1 ----
KWS 2323	595.0 ----	602.4 ----	714.8 ----	477.0 --	668.4 ----
KXB3142	613.3 ----	555.4 ----	723.9 ----	536.2 ----	637.1 ----
KXB3154	606.9 ----	543.1 ---	718.5 ----	513.1 ----	649.6 ----
KXB3181	732.1 ----	734.9 ----	816.7 ----	759.2 ----	749.8 ----
KXB3329	646.1 ----	583.0 ----	796.1 ----	604.9 ----	649.5 ----
Kawaxx	603.2 ----	554.0 ----	741.9 ----	534.2 ----	662.9 ----
Geoxx	557.1 --	519.5 --	668.9 ----	488.7 ---	635.7 ----
LG 30.224	535.6 -	537.0 ---	635.8 ----	381.9 -	636.0 ----
KXB3309	614.5 ----	603.7 ----	752.6 ----	537.1 ----	627.3 ----
KXB3324	541.5 -	526.7 ---	669.4 ----	436.0 --	596.7 ---
SA1432	534.0 -	525.6 ---	595.0 --	510.4 ----	589.3 --
SY Kardona	599.2 ----	601.7 ----	542.8 -	597.8 ----	687.5 ----
SB1542	552.8 --	509.8 --	667.5 ----	507.8 ----	580.4 --
Ronaldinio	556.6 --	530.8 ---	676.7 ----	435.9 --	612.2 ---
Kandis	543.8 -	506.2 --	656.2 ----	464.7 ---	545.0 -
Indexx	691.1 ----	628.7 ----	821.1 ----	670.5 ----	750.0 ----
-Bezugsgrösse(n)	589.1 ---	519.5 --	660.0 ----	550.7 ----	643.3 ----
Versuchs-Mittel	602.4 ----	562.0 ----	704.6 ----	538.7 ----	646.6 ----
VK [%]	7.6	8.3	6.9	7.8	7.5
KGD (5%)	27.7	76.2	79.2	69.0	79.2
KGD (1%)	36.5	101.3	105.4	91.8	105.4
Versuchs-Streuung	45.7	46.6	48.5	42.2	48.5
FG Fehlerterm	404.0	58.0	58.0	56.0	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	2053251.4	29	33.91 ***	1.50	0.0000
Anbauorte	1762608.8	6	140.72 ***	2.12	0.0000
WW Verf.*Anb.Orte	688047.7	174	1.89 ***	1.23	0.0005
Fehler	843415.6	404			
Insgesamt	5347323.5	613			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
NK Silotop	567.1	----	519.3	--	555.3	---
KWS 9361	549.3	----	565.1	----	683.9	-----
P 8488	581.2	-----	592.8	-----	624.0	-----
Palmer	759.4	-----	682.5	-----	670.4	-----
P8609	629.6	-----	606.0	-----	622.9	-----
LG 30.306	715.6	-----	724.8	-----	653.6	-----
LZM 361/09	655.1	-----	628.4	-----	668.2	-----
MAS 27.L	505.3	--	522.9	--	595.7	-----
Format	542.8	----	509.6	--	606.2	-----
Sikaldi CS	553.7	----	493.7	-	545.0	--
P9203	642.6	-----	565.1	----	668.1	-----
DSP43999	603.8	-----	598.6	-----	602.0	-----
DSP44331	563.4	----	569.7	----	662.9	-----
CSM2259	521.6	---	514.0	--	629.6	-----
KWS 2323	596.7	-----	547.5	---	558.4	---
KXB3142	584.7	-----	616.8	-----	638.8	-----
KXB3154	595.9	-----	615.1	-----	613.1	-----
KXB3181	654.0	-----	684.2	-----	726.3	-----
KXB3329	659.6	-----	625.2	-----	604.8	-----
Kawaxx	550.4	----	571.4	----	607.7	-----
Geoxx	519.7	---	537.7	---	529.4	--
LG 30.224	515.4	---	484.1	-	559.5	---
KXB3309	593.3	-----	582.7	-----	605.0	-----
KXB3324	516.8	---	540.8	---	503.9	-
SA1432	451.0	-	507.9	--	558.9	---
SY Kardona	562.0	----	577.5	----	624.8	-----
SB1542	499.1	--	516.8	--	588.2	----
Ronaldinio	500.4	--	539.3	---	600.9	-----
Kandis	506.7	--	550.6	---	577.1	----
Indexx	650.4	-----	630.8	-----	686.5	-----
-Bezugsgrösse(n)	598.4	-----	562.7	----	589.1	----
Versuchs-Mittel	578.2	-----	574.0	----	612.4	-----
VK [%]	8.4		6.2		7.9	
KGD (5%)	79.2		58.2		79.1	
KGD (1%)	105.4		77.4		105.2	
Versuchs-Streuung	48.5		35.6		48.4	
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	1376 Goumoens VD	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE
NK Silotop	213.8 ----	192.1 ---	244.8 -----	193.7 -----	203.9 -----
KWS 9361	214.7 ----	191.3 ---	235.5 -----	199.8 -----	203.3 -----
P 8488	223.5 -----	204.1 -----	222.6 ----	210.4 -----	203.6 -----
Palmer	242.0 -----	215.4 -----	254.6 -----	239.6 -----	221.1 -----
P8609	232.4 -----	209.4 -----	239.2 -----	213.8 -----	223.4 -----
LG 30.306	249.2 -----	202.1 ----	279.6 -----	247.1 -----	226.6 -----
LZM 361/09	237.2 -----	229.1 -----	260.4 -----	217.3 -----	203.2 -----
MAS 27.L	202.7 --	193.9 ----	196.0 -	192.0 ----	191.4 ----
Format	207.9 ---	187.3 ---	237.8 -----	178.2 ---	187.7 ---
SikalDI CS	208.2 ---	189.9 ---	237.8 -----	172.5 ---	194.0 ----
P9203	215.0 ----	172.9 -	249.7 -----	194.1 ----	167.1 -
DSP43999	216.3 ----	199.0 ----	241.1 -----	201.7 -----	180.3 ---
DSP44331	218.9 -----	196.9 ----	243.6 -----	196.7 ----	193.6 ----
CSM2259	208.7 ---	193.2 ----	239.3 -----	180.7 ---	186.1 ----
KWS 2323	223.5 -----	210.2 -----	245.6 -----	198.5 -----	203.6 -----
KXB3142	230.1 -----	206.2 ----	254.7 -----	198.7 -----	215.9 -----
KXB3154	229.6 -----	205.1 ----	254.0 -----	208.8 -----	207.2 -----
KXB3181	245.4 -----	242.7 -----	263.1 -----	251.4 -----	206.1 -----
KXB3329	235.9 -----	209.0 ----	285.9 -----	206.7 ----	211.1 -----
Kawaxx	222.6 ----	201.1 ----	248.9 -----	210.0 -----	215.4 -----
Geoxx	208.6 ---	192.6 ---	229.1 ----	184.3 ---	229.4 -----
LG 30.224	197.6 -	172.1 -	232.9 ----	145.6 -	197.0 ----
KXB3309	218.3 -----	222.4 -----	251.9 -----	185.9 ----	186.8 ----
KXB3324	209.2 ---	196.6 ----	237.0 -----	177.0 ---	194.2 ----
SA1432	214.5 ----	197.8 ----	231.3 ----	214.1 -----	199.0 -----
SY Kardona	218.1 ----	226.5 -----	189.3 -	211.9 -----	197.1 ----
SB1542	212.8 ----	197.2 ----	248.2 -----	198.5 -----	194.0 ----
Ronaldinio	204.4 --	192.7 ----	227.3 ----	173.4 ---	190.6 ----
Kandis	212.0 ---	177.6 -	239.2 -----	209.7 -----	179.4 ---
Indexx	235.6 -----	221.6 -----	257.1 -----	232.5 -----	211.7 -----
-Bezugsgrösse(n)	223.1 -----	200.7 -----	242.0 -----	203.7 -----	213.7 -----
Versuchs-Mittel	220.3 -----	201.6 -----	242.6 -----	201.5 -----	200.8 -----
VK [%]	7.7	10.1	6.1	10.2	8.3
KGd (5%)	10.3	33.1	24.0	33.6	27.3
KGd (1%)	13.5	ns	32.0	44.7	36.3
Versuchs-Streuung	16.9	20.3	14.7	20.5	16.7
FG Fehlerterm	404.0	58.0	58.0	56.0	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	107300.1	29	12.91 ***	1.50	0.0000
Anbauorte	184230.5	6	107.15 ***	2.12	0.0000
WW Verf.*Anb.Orte	84473.1	174	1.69 ***	1.23	0.0009
Fehler	115769.9	404			
Insgesamt	491773.6	613			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
NK Silotop	229.9	----	211.6	--	220.8	----
KWS 9361	213.6	---	213.6	---	245.4	-----
P 8488	232.1	----	237.9	-----	254.0	-----
Palmer	265.6	-----	248.0	-----	249.8	-----
P8609	251.0	-----	244.9	-----	244.9	-----
LG 30.306	263.9	-----	268.8	-----	256.6	-----
LZM 361/09	257.2	-----	240.6	-----	252.3	-----
MAS 27.L	206.7	--	206.5	-	232.7	-----
Format	223.5	----	205.2	-	235.7	-----
Sikaldi CS	233.1	-----	206.4	-	223.6	----
P9203	251.7	-----	218.9	---	250.5	-----
DSP43999	230.1	-----	230.9	-----	231.2	-----
DSP44331	228.1	-----	220.0	---	253.6	-----
CSM2259	205.8	-	207.6	--	248.4	-----
KWS 2323	245.0	-----	226.6	----	235.0	-----
KXB3142	234.3	-----	248.5	-----	252.3	-----
KXB3154	240.3	-----	249.9	-----	242.1	-----
KXB3181	245.2	-----	257.0	-----	251.9	-----
KXB3329	251.9	-----	251.7	-----	235.0	-----
Kawaxx	218.7	---	225.7	----	238.3	-----
Geoxx	208.7	--	213.6	---	202.6	-
LG 30.224	213.0	---	200.5	-	222.2	----
KXB3309	224.4	----	228.5	-----	228.4	-----
KXB3324	214.7	---	226.3	----	218.5	----
SA1432	200.6	-	221.4	----	237.2	-----
SY Kardona	229.0	-----	235.7	-----	237.0	-----
SB1542	207.5	--	207.8	--	236.3	-----
Ronaldinio	202.2	-	217.6	---	227.1	-----
Kandis	213.9	---	224.4	----	240.0	-----
Indexx	238.8	-----	239.4	-----	248.5	-----
-Bezugsgrösse(n)	240.4	-----	228.2	-----	232.9	-----
Versuchs-Mittel	229.3	-----	227.9	-----	238.4	-----
VK [%]	7.7		5.7		6.0	
KGD (5%)	28.8		21.4		23.2	
KGD (1%)	38.3		28.5		30.9	
Versuchs-Streuung	17.6		13.1		14.2	
FG Fehlerterm	58.0		58.0		58.0	
Anz. Beob.	3.0		3.0		3.0	

Précocité [% MS] / Fröheife [% TS]

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE
NK Silotop	38.2 -----	38.4 -----	36.4 -----	37.4 ----	33.9 -----
KWS 9361	34.8 ---	32.9 --	30.2 -	37.3 ----	30.4 ----
P 8488	37.5 -----	36.5 -----	35.7 -----	39.8 -----	29.7 ----
Palmer	33.3 -	31.7 -	30.3 -	34.7 --	27.4 --
P8609	37.8 -----	38.8 -----	37.0 -----	36.9 ----	32.6 -----
LG 30.306	35.1 ---	31.8 -	34.7 -----	36.1 ---	29.8 ----
LZM 361/09	35.7 ----	36.6 -----	33.5 ----	35.7 ---	28.7 ---
MAS 27.L	37.6 -----	36.6 -----	33.6 ----	40.0 -----	33.0 -----
Format	37.7 -----	37.5 -----	36.0 -----	37.4 ----	32.2 -----
SikalDI CS	39.3 -----	39.8 -----	36.1 -----	40.4 -----	34.0 -----
P9203	34.7 ---	34.5 ----	32.1 ---	34.7 --	26.3 -
DSP43999	35.2 ---	32.3 -	34.4 -----	33.5 -	30.9 ----
DSP44331	36.9 -----	36.9 -----	34.1 -----	37.5 ----	32.2 -----
CSM2259	36.8 -----	37.3 -----	34.7 -----	37.6 ----	28.7 ---
KWS 2323	38.1 -----	34.8 ---	34.4 ----	41.8 -----	30.5 ----
KXB3142	37.6 -----	37.0 -----	35.2 -----	37.1 ----	33.9 -----
KXB3154	38.1 -----	37.7 -----	35.4 -----	40.9 -----	31.9 ----
KXB3181	33.7 -	33.1 --	32.2 ---	33.2 -	27.6 --
KXB3329	36.6 ----	35.9 ----	36.0 -----	34.2 --	32.5 -----
Kawaxx	37.2 -----	36.3 -----	33.7 -----	39.3 -----	32.6 -----
Geoxx	37.6 -----	37.3 -----	34.3 -----	37.6 ----	36.0 -----
LG 30.224	37.3 -----	32.7 --	36.6 -----	38.4 -----	31.0 ----
KXB3309	35.6 ----	36.8 -----	33.5 ----	34.6 --	29.7 ----
KXB3324	39.0 -----	37.3 -----	35.4 -----	40.6 -----	32.6 -----
SA1432	40.4 -----	37.7 -----	38.9 -----	42.1 -----	33.8 -----
SY Kardona	36.7 ----	37.6 -----	35.0 -----	35.5 ---	28.8 ---
SB1542	38.6 -----	38.7 -----	37.2 -----	39.2 -----	33.4 -----
Ronaldinio	37.1 -----	36.4 -----	33.6 -----	39.6 -----	31.6 ----
Kandis	39.1 -----	35.2 ----	36.4 -----	44.7 -----	32.9 -----
Indexx	34.4 --	35.2 ----	31.4 --	34.6 --	28.4 ---
-Bezugsgrösse(n)	38.0 -----	38.6 -----	36.7 -----	37.2 ----	33.3 -----
Versuchs-Mittel	36.9 -----	36.0 -----	34.6 -----	37.7 -----	31.2 -----
VK [%]	5.1	5.8	4.4	7.7	7.3
KGD (5%)	1.1	3.4	2.5	4.7	3.7
KGD (1%)	1.5	4.6	3.3	6.3	5.0
Versuchs-Streuung	1.9	2.1	1.5	2.9	2.3
FG Fehlerterm	404.0	58.0	58.0	56.0	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	1836.1	29	17.91 ***		1.50	0.0000
Anbauorte	5513.5	6	259.99 ***		2.12	0.0000
WW Verf.*Anb.Orte	975.7	174	1.59 ns		1.23	
Fehler	1427.9	404				
Insgesamt	9753.3	613				

Précocité [% MS] / Frühreife [% TS]

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
NK Silotop	40.6 -----	40.8 -----	39.9 -----
KWS 9361	38.9 -----	37.8 ---	35.9 --
P 8488	39.9 -----	40.2 -----	40.8 -----
Palmer	35.0 -	36.4 -	37.4 ---
P8609	39.9 -----	40.4 -----	39.3 -----
LG 30.306	37.0 ---	37.1 --	39.4 -----
LZM 361/09	39.2 -----	38.3 ---	37.8 ----
MAS 27.L	40.9 -----	39.5 -----	39.2 -----
Format	41.2 -----	40.3 -----	38.9 -----
Sikaldi CS	42.1 -----	41.8 -----	41.1 -----
P9203	39.1 -----	38.8 ----	37.5 ----
DSP43999	38.1 ----	38.6 ----	38.4 -----
DSP44331	40.5 -----	38.6 ----	38.3 ----
CSM2259	39.5 -----	40.4 -----	39.5 -----
KWS 2323	41.2 -----	41.4 -----	42.6 -----
KXB3142	40.2 -----	40.3 -----	39.6 -----
KXB3154	40.4 -----	40.7 -----	39.5 -----
KXB3181	37.5 ---	37.6 --	34.8 -
KXB3329	38.2 ----	40.3 -----	38.9 -----
Kawaxx	39.8 -----	39.5 -----	39.2 -----
Geoxx	40.2 -----	39.8 -----	38.3 ----
LG 30.224	41.4 -----	41.4 -----	39.7 -----
KXB3309	37.9 ----	39.2 -----	37.7 ----
KXB3324	41.5 -----	41.9 -----	43.9 -----
SA1432	44.5 -----	43.6 -----	42.5 -----
SY Kardona	41.0 -----	40.8 -----	38.1 ----
SB1542	41.6 -----	40.2 -----	40.2 -----
Ronaldinio	40.4 -----	40.4 -----	37.9 ----
Kandis	42.2 -----	40.8 -----	41.7 -----
Indexx	36.7 --	38.0 ---	36.3 --
-Bezugsgrösse(n)	40.2 -----	40.6 -----	39.6 -----
Versuchs-Mittel	39.9 -----	39.8 -----	39.1 -----
VK [%]	3.1	2.4	3.7
KGD (5%)	2.1	1.5	2.3
KGD (1%)	2.7	2.1	3.1
Versuchs-Streuung	1.3	0.9	1.4
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel	8046 Reckenholz ZH
NK Silotop	0.0 -	0.0 -
KWS 9361	0.0 -	0.0 -
P 8488	0.0 -	0.0 -
Palmer	1.1 -	1.1 -
P8609	0.0 -	0.0 -
LG 30.306	12.8 -----	12.8 -----
LZM 361/09	0.0 -	0.0 -
MAS 27.L	0.0 -	0.0 -
Format	0.0 -	0.0 -
Sikaldi CS	0.0 -	0.0 -
P9203	0.0 -	0.0 -
DSP43999	0.0 -	0.0 -
DSP44331	0.0 -	0.0 -
CSM2259	0.0 -	0.0 -
KWS 2323	0.0 -	0.0 -
KXB3142	0.6 -	0.6 -
KXB3154	0.0 -	0.0 -
KXB3181	0.0 -	0.0 -
KXB3329	0.0 -	0.0 -
Kawaxx	0.0 -	0.0 -
Geoxx	0.6 -	0.6 -
LG 30.224	0.0 -	0.0 -
KXB3309	0.0 -	0.0 -
KXB3324	0.6 -	0.6 -
SA1432	1.1 -	1.1 -
SY Kardona	7.1 -----	7.1 -----
SB1542	0.0 -	0.0 -
Ronaldinio	0.0 -	0.0 -
Kandis	5.0 -----	5.0 -----
Indexx	0.0 -	0.0 -
-Bezugsgrösse(n)	0.0 -	0.0 -
Versuchs-Mittel	1.0 -	1.0 -
VK [%]	376.4	376.4
KGD (5%)	5.9	5.9
KGD (1%)	ns	ns
Versuchs-Streuung	3.6	3.6
FG Fehlerterm	58.0	58.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel		1567 Delley FR		8046 Reckenholz ZH	
NK Silotop	11.6	--	8.3	--	14.9	--
KWS 9361	2.3	-	0.0	-	4.5	-
P 8488	2.1	-	0.0	-	4.2	-
Palmer	17.7	---	0.0	-	35.5	----
P8609	15.4	---	0.0	-	30.8	----
LG 30.306	45.4	-----	4.2	-	86.7	-----
LZM 361/09	7.9	--	4.2	-	11.6	--
MAS 27.L	34.7	-----	29.2	-----	40.3	-----
Format	1.4	-	0.0	-	2.8	-
Sikaldi CS	9.0	--	4.2	-	13.8	--
P9203	8.6	--	8.3	--	8.8	--
DSP43999	5.8	--	4.2	-	7.5	-
DSP44331	4.5	-	0.0	-	8.9	--
CSM2259	0.6	-	0.0	-	1.1	-
KWS 2323	3.0	-	0.0	-	6.0	-
KXB3142	4.2	-	0.0	-	8.3	--
KXB3154	5.4	-	4.2	-	6.7	-
KXB3181	5.8	--	4.2	-	7.5	-
KXB3329	1.4	-	0.0	-	2.8	-
Kawaxx	2.5	-	0.0	-	5.0	-
Geoxx	11.9	---	4.2	-	19.6	---
LG 30.224	10.0	--	4.2	-	15.9	--
KXB3309	0.3	-	0.0	-	0.5	-
KXB3324	4.4	-	4.2	-	4.7	-
SA1432	45.1	-----	16.7	----	73.6	-----
SY Kardona	61.2	-----	50.0	-----	72.4	-----
SB1542	18.1	----	4.2	-	32.0	----
Ronaldinio	2.3	-	0.0	-	4.6	-
Kandis	11.6	--	0.0	-	23.2	---
Indexx	14.5	---	4.2	-	24.7	---
-Bezugsgrösse(n)	13.5	---	4.2	-	22.8	---
Versuchs-Mittel	12.3	---	5.3	--	19.3	---
VK [%]	109.5		127.1		92.2	
KGD (5%)	15.4		11.0		29.1	
KGD (1%)	20.3		14.6		38.7	
Versuchs-Streuung	13.5		6.7		17.8	
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	39168.2	29	7.46	***	1.57	0.0000
Anbauorte	8845.8	1	48.88	***	3.92	0.0000
WW Verf.*Anb.Orte	14416.3	29	2.75	***	1.57	0.0004
Fehler	20991.3	116				
Insgesamt	83421.5	175				

Planten cassés à la récolte [%] / Stängelbruch Ernte [%]

Verfahren	Seriemittel		1567 Delley FR		8046 Reckenholz ZH	
NK Silotop	2.7	--	4.2	---	1.3	-
KWS 9361	0.3	-	0.0	-	0.6	-
P 8488	4.5	---	8.3	-----	0.6	-
Palmer	1.7	-	0.0	-	3.3	--
P8609	0.6	-	0.0	-	1.1	-
LG 30.306	5.4	---	4.2	---	6.6	---
LZM 361/09	1.1	-	0.0	-	2.3	-
MAS 27.L	0.0	-	0.0	-	0.0	-
Format	5.2	---	4.2	---	6.2	---
Sikaldi CS	0.3	-	0.0	-	0.6	-
P9203	2.1	--	4.2	---	0.0	-
DSP43999	5.7	----	8.3	-----	3.1	--
DSP44331	1.1	-	0.0	-	2.3	-
CSM2259	2.6	--	4.2	---	1.1	-
KWS 2323	1.3	-	0.0	-	2.7	--
KXB3142	7.7	-----	8.3	-----	7.1	---
KXB3154	19.2	-----	12.5	-----	25.9	-----
KXB3181	13.3	-----	20.8	-----	5.8	---
KXB3329	0.3	-	0.0	-	0.6	-
Kawaxx	2.4	--	4.2	---	0.6	-
Geoxx	3.3	--	4.2	---	2.4	--
LG 30.224	3.2	--	4.2	---	2.3	-
KXB3309	4.2	---	8.3	-----	0.0	-
KXB3324	2.7	--	4.2	---	1.2	-
SA1432	4.2	---	8.3	-----	0.0	-
SY Kardona	5.0	---	8.3	-----	1.7	-
SB1542	2.1	--	4.2	---	0.0	-
Ronaldinio	5.3	---	8.3	-----	2.3	-
Kandis	4.2	---	4.2	---	4.2	--
Indexx	2.7	--	4.2	---	1.2	-
-Bezugsgrösse(n)	1.6	-	2.1	--	1.2	-
Versuchs-Mittel	3.8	---	4.7	---	2.9	--
VK [%]	165.8		150.9		185.9	
KGD (5%)	7.2		ns		8.8	
KGD (1%)	9.5		ns		11.7	
Versuchs-Streuung	6.3		7.1		5.4	
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	2736.2	29	2.37	***	1.57	0.0008
Anbauorte	149.8	1	3.76	ns	3.92	0.0550
WW Verf.*Anb.Orte	1117.8	29	0.97	ns	1.57	0.5225
Fehler	4626.6	116				
Insgesamt	8630.4	175				

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
NK Silotop	0.0 -	0.0 -	0.0 -	0.0 -
KWS 9361	0.2 -	0.0 -	0.6 -	0.0 -
P 8488	0.2 -	0.0 -	0.6 -	0.0 -
Palmer	0.9 --	1.7 --	1.1 --	0.0 -
P8609	0.9 --	2.7 ---	0.0 -	0.0 -
LG 30.306	0.6 -	0.0 -	0.0 -	1.8 ---
LZM 361/09	2.2 ---	2.2 --	3.0 ----	1.2 --
MAS 27.L	0.0 -	0.0 -	0.0 -	0.0 -
Format	0.4 -	0.0 -	0.0 -	1.2 --
Sikaldi CS	0.6 -	0.6 -	0.6 -	0.6 -
P9203	1.3 --	1.2 -	1.1 --	1.7 ---
DSP43999	1.2 --	2.4 --	1.2 --	0.0 -
DSP44331	0.2 -	0.6 -	0.0 -	0.0 -
CSM2259	1.9 ---	2.2 --	1.9 ---	1.8 ---
KWS 2323	2.1 ---	1.1 -	2.4 ----	2.8 ---
KXB3142	2.8 ---	6.1 ----	1.8 ---	0.5 -
KXB3154	3.2 ----	5.1 ----	1.7 ---	2.8 ----
KXB3181	7.6 -----	8.3 -----	7.9 -----	6.7 -----
KXB3329	0.0 -	0.0 -	0.0 -	0.0 -
Kawaxx	2.4 ---	4.0 ----	0.6 -	2.5 ---
Geoxx	0.2 -	0.0 -	0.6 -	0.0 -
LG 30.224	0.6 -	0.0 -	1.2 --	0.6 -
KXB3309	0.8 -	1.2 --	1.2 --	0.0 -
KXB3324	0.2 -	0.6 -	0.0 -	0.0 -
SA1432	1.0 --	1.8 --	1.3 --	0.0 -
SY Kardona	10.0 -----	13.5 -----	8.1 -----	8.5 -----
SB1542	0.6 -	1.2 --	0.0 -	0.6 -
Ronaldinio	0.2 -	0.0 -	0.6 -	0.0 -
Kandis	2.2 ---	2.8 ---	1.9 ---	1.9 ---
Indexx	0.0 -	0.0 -	0.0 -	0.0 -
-Bezugsgrösse(n)	0.5 -	1.4 --	0.0 -	0.0 -
Versuchs-Mittel	1.5 --	2.0 --	1.3 --	1.2 --
VK [%]	153.4	149.0	128.0	173.0
KGD (5%)	2.1	4.8	2.8	3.3
KGD (1%)	2.8	6.4	3.7	4.4
Versuchs-Streuung	2.3	2.9	1.7	2.0
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	1281.1	29	8.48 ***	1.53	0.0000
Anbauorte	33.3	2	3.20 *	3.04	0.0433
WW Verf.*Anb.Orte	178.1	58	0.59 ns	1.40	0.9896
Fehler	906.6	174			
Insgesamt	2399.1	263			

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

Verfahren	Seriemittel	1376 Goumoens VD	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE
NK Silotop	9.4 -----	9.4 -----	10.3 -	9.3 -----	9.5 -----
KWS 9361	9.4 -----	9.4 -----	10.3 -	9.7 -----	9.3 -----
P 8488	9.3 -----	9.3 -----	10.3 -	9.4 -----	9.8 -----
Palmer	9.3 -----	9.3 -----	10.3 -	9.4 -----	9.6 -----
P8609	9.2 -----	9.5 -----	10.3 -	9.5 -----	8.0 ---
LG 30.306	9.4 -----	9.4 -----	10.3 -	9.3 -----	10.1 -----
LZM 361/09	9.4 -----	9.3 -----	10.3 -	9.6 -----	9.8 -----
MAS 27.L	8.9 -	8.9 ---	10.3 -	9.0 ---	7.4 -
Format	9.1 ---	9.4 -----	10.3 -	9.4 -----	7.8 --
SikalDI CS	9.4 -----	9.5 -----	10.3 -	9.1 ---	10.0 -----
P9203	9.0 ---	8.6 -	10.3 -	8.7 -	9.0 -----
DSP43999	9.2 -----	9.6 -----	10.3 -	9.5 -----	9.3 -----
DSP44331	9.1 -----	9.3 -----	10.3 -	9.3 -----	7.7 --
CSM2259	9.3 -----	9.2 -----	10.3 -	9.4 -----	9.7 -----
KWS 2323	9.3 -----	9.8 -----	10.3 -	9.2 -----	8.2 ---
KXB3142	9.4 -----	9.4 -----	10.3 -	9.4 -----	9.6 -----
KXB3154	9.4 -----	9.4 -----	10.3 -	9.6 -----	9.8 -----
KXB3181	9.4 -----	9.6 -----	10.3 -	9.5 -----	9.5 -----
KXB3329	9.3 -----	9.3 -----	10.3 -	9.5 -----	9.4 -----
Kawaxx	9.4 -----	9.5 -----	10.3 -	9.6 -----	9.7 -----
Geoxx	9.2 -----	9.4 -----	10.3 -	9.4 -----	9.4 -----
LG 30.224	9.4 -----	9.4 -----	10.3 -	9.7 -----	9.4 -----
KXB3309	9.1 -----	9.3 -----	10.3 -	9.5 -----	8.0 ---
KXB3324	9.5 -----	9.4 -----	10.3 -	9.1 -----	9.9 -----
SA1432	9.4 -----	9.5 -----	10.3 -	9.4 -----	9.7 -----
SY Kardona	9.4 -----	9.4 -----	10.3 -	9.5 -----	9.8 -----
SB1542	9.1 -----	8.9 ---	10.3 -	9.3 -----	9.4 -----
Ronaldinio	9.3 -----	9.5 -----	10.3 -	9.6 -----	9.4 -----
Kandis	9.3 -----	9.6 -----	10.3 -	9.4 -----	9.9 -----
Indexx	9.4 -----	9.5 -----	10.3 -	9.6 -----	9.6 -----
-Bezugsgrösse(n)	9.3 -----	9.5 -----	10.3 -	9.4 -----	8.8 -----
Versuchs-Mittel	9.3 -----	9.4 -----	10.3 -	9.4 -----	9.3 -----
VK [%]	5.7	3.1	0.0	4.0	12.5
KGD (5%)	ns	0.5	0.0	ns	ns
KGD (1%)	ns	ns	0.0	ns	ns
Versuchs-Streuung	0.5	0.3	0.0	0.4	1.2
FG Fehlerterm	404.0	58.0	58.0	56.0	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	10.9	29	1.34 ns		1.50	0.1149
Anbauorte	132.8	6	78.86 ***		2.12	0.0000
WW Verf.*Anb.Orte	65.0	174	1.33 ns		1.23	
Fehler	113.4	404				
Insgesamt	322.2	613				

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

Verfahren	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
NK Silotop	9.1 -----	9.0 -----	9.2 -----
KWS 9361	9.1 -----	9.0 -----	9.0 -----
P 8488	8.8 ---	8.6 ----	8.8 -----
Palmer	9.4 -----	8.8 -----	8.7 ----
P8609	9.3 -----	9.0 -----	9.0 -----
LG 30.306	8.9 ----	9.0 -----	8.7 ----
LZM 361/09	9.2 -----	9.0 -----	8.5 ----
MAS 27.L	9.5 -----	8.6 ----	8.8 -----
Format	9.2 -----	8.8 -----	8.8 -----
Sikaldi CS	9.1 -----	8.8 -----	8.7 ----
P9203	8.7 --	9.0 -----	8.8 -----
DSP43999	8.8 ---	8.8 -----	8.1 -
DSP44331	9.6 -----	9.0 -----	8.8 -----
CSM2259	9.4 -----	8.4 -	8.8 -----
KWS 2323	9.2 -----	8.7 ----	9.4 -----
KXB3142	9.1 -----	8.6 ----	9.3 -----
KXB3154	9.2 -----	8.5 ---	9.1 -----
KXB3181	8.9 ----	8.7 ----	9.2 -----
KXB3329	9.0 ----	9.0 -----	8.8 -----
Kawaxx	9.2 -----	8.8 -----	8.6 ----
Geoxx	8.9 ----	8.7 ----	8.6 ----
LG 30.224	9.2 -----	8.7 ----	8.8 -----
KXB3309	9.1 -----	8.7 ----	9.0 -----
KXB3324	9.1 ----	9.0 -----	9.4 -----
SA1432	9.4 -----	8.7 ----	8.6 ----
SY Kardona	9.1 -----	8.9 -----	8.7 ----
SB1542	8.6 -	8.4 -	9.1 -----
Ronaldinio	9.3 -----	8.9 -----	8.2 --
Kandis	9.0 ----	8.7 ----	8.4 ---
Indexx	8.9 ----	8.8 -----	9.1 -----
-Bezugsgrösse(n)	9.2 -----	9.0 -----	9.1 -----
Versuchs-Mittel	9.1 -----	8.8 -----	8.8 -----
VK [%]	4.5	3.3	4.5
KGD (5%)	ns	ns	0.6
KGD (1%)	ns	ns	ns
Versuchs-Streuung	0.4	0.3	0.4
FG Fehlerterm	58.0	58.0	58.0
Anz. Beob.	3.0	3.0	3.0

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

Verfahren	Seriemittel	1376 Goumoens VD	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	44.9 -----	43.5 -----	47.6 -----	43.6 -----	44.9 -----
KWS 9361	40.1 -	38.3 --	43.6 ---	37.1 -	41.4 -
P 8488	41.2 --	38.1 --	44.7 ----	40.2 ----	41.6 -
Palmer	43.8 -----	43.9 -----	43.9 ---	45.1 -----	42.4 ---
P8609	43.2 -----	42.6 -----	44.2 -----	41.8 -----	44.0 -----
LG 30.306	43.6 -----	42.2 -----	46.2 -----	44.4 -----	41.7 -
LZM 361/09	44.2 -----	43.0 -----	43.8 ---	46.0 -----	44.2 ----
MAS 27.L	42.4 ----	39.5 ---	45.9 -----	40.1 ----	44.0 ----
Format	45.4 -----	40.8 ----	49.4 -----	45.1 -----	46.5 -----
Sikaldi CS	44.3 -----	42.0 ----	49.7 -----	39.8 ----	45.6 -----
P9203	46.3 -----	48.1 -----	46.4 -----	43.2 -----	47.4 -----
DSP43999	43.4 -----	41.0 ----	44.9 ----	41.6 -----	46.0 -----
DSP44331	42.8 ----	38.9 ---	49.7 -----	38.3 --	44.4 -----
CSM2259	43.2 -----	41.2 ----	45.6 ----	44.2 -----	41.7 -
KWS 2323	42.8 ----	37.2 -	48.4 -----	41.8 -----	43.7 ----
KXB3142	40.2 -	36.2 -	42.7 --	40.0 ----	42.0 --
KXB3154	40.9 --	41.4 ----	41.3 -	39.3 ---	41.4 -
KXB3181	41.9 ----	38.6 ---	45.7 ----	41.4 ----	42.1 --
KXB3329	45.0 -----	42.0 ----	47.9 -----	43.1 -----	47.1 -----
Kawaxx	42.1 ----	41.5 ----	44.3 ----	40.2 ----	42.4 ---
Geoxx	42.0 ----	40.4 ----	45.5 ----	39.2 ---	43.0 ----
LG 30.224	44.8 -----	44.4 -----	45.6 ----	43.1 -----	46.2 -----
KXB3309	44.4 -----	41.9 ----	47.9 -----	41.4 ----	46.5 -----
KXB3324	42.5 ----	40.3 ----	46.9 -----	41.8 ----	41.1 -
SA1432	44.6 -----	41.5 ----	46.8 ----	44.4 -----	45.8 -----
SY Kardona	44.0 -----	41.6 ----	45.4 ----	44.4 -----	44.5 -----
SB1542	41.8 ---	39.2 ---	45.5 ----	37.9 -	44.5 -----
Ronaldinio	42.6 ----	36.6 -	50.7 -----	39.7 ---	43.3 ----
Kandis	43.4 -----	41.5 ----	46.6 ----	42.1 -----	43.4 ----
Indexx	42.9 ----	38.9 ---	47.1 -----	42.4 -----	43.1 ----
-Bezugsgrösse(n)	44.0 -----	43.1 -----	45.9 -----	42.7 -----	44.5 -----
Versuchs-Mittel	43.2 -----	40.9 ----	46.1 -----	41.8 -----	43.9 ----
VK [%]	7.1	7.3	6.2	8.9	5.7
KGD (5%)	2.5	4.9	4.7	ns	4.1
KGD (1%)	3.2	6.5	ns	ns	ns
Versuchs-Streuung	3.1	3.0	2.9	3.7	2.5
FG Fehlerterm	230.0	58.0	56.0	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	797.1	29	2.94 ***	1.52	0.0002
Anbauorte	1485.1	3	52.99 ***	2.64	0.0000
WW Verf.*Anb.Orte	939.6	87	1.16 ns	1.33	
Fehler	2148.8	230			
Insgesamt	5370.6	349			

Début Floraison [jours] / Blühbeginn [Tage]

Verfahren	Seriemittel	1376 Goumoens VD	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	79.2 ----	77.0 -----	77.0 ----	88.3 -----	74.3 ---
KWS 9361	79.9 -----	76.3 -----	77.7 -----	88.3 -----	77.3 -----
P 8488	81.3 -----	77.0 -----	80.7 -----	88.7 -----	78.7 -----
Palmer	85.1 -----	80.0 -----	82.0 -----	95.0 -----	83.3 -----
P8609	80.8 -----	76.7 -----	81.0 -----	88.7 -----	76.7 -----
LG 30.306	84.1 -----	80.3 -----	81.0 -----	94.3 -----	80.7 -----
LZM 361/09	79.9 -----	76.0 -----	78.5 -----	88.7 -----	76.3 -----
MAS 27.L	78.5 ----	75.7 -----	76.0 ---	88.0 -----	74.3 ---
Format	76.7 ---	72.7 ---	74.7 -	85.7 ---	73.7 ---
SikalDI CS	77.3 ---	74.0 ---	74.0 -	87.7 ---	73.7 ---
P9203	79.7 -----	76.7 -----	75.7 ---	89.0 -----	77.3 -----
DSP43999	77.8 ----	76.0 -----	74.3 -	86.0 ----	74.7 ---
DSP44331	77.0 ---	75.3 -----	74.3 -	84.7 ---	73.7 ---
CSM2259	81.2 -----	76.3 -----	80.3 -----	89.0 -----	79.0 -----
KWS 2323	80.0 -----	76.0 -----	78.7 -----	88.0 -----	77.3 -----
KXB3142	78.2 -----	75.3 -----	74.3 -	88.0 -----	75.0 ----
KXB3154	79.5 -----	75.7 -----	78.7 -----	87.7 -----	76.0 ----
KXB3181	79.6 -----	76.0 -----	79.3 -----	86.3 ----	76.7 -----
KXB3329	78.7 ----	76.3 -----	75.3 --	88.3 -----	74.7 ---
Kawaxx	79.5 -----	76.3 -----	78.7 -----	85.7 ---	77.3 -----
Geoxx	76.9 ---	74.3 -----	74.3 -	86.3 ----	72.7 --
LG 30.224	76.9 ---	74.3 -----	74.0 -	85.7 ----	73.7 ---
KXB3309	74.9 -	70.3 -	74.0 -	83.3 --	72.0 -
KXB3324	79.9 -----	76.7 -----	78.0 -----	88.3 -----	76.7 -----
SA1432	78.3 ----	73.7 ---	80.3 -----	86.0 ---	73.3 --
SY Kardona	77.9 -----	75.0 -----	75.0 --	87.3 -----	74.3 ---
SB1542	74.8 -	70.3 -	74.0 -	83.0 --	72.0 -
Ronaldinio	75.4 -	70.0 -	74.7 -	83.3 --	73.7 ---
Kandis	74.6 -	72.0 ---	74.0 -	81.0 -	71.3 -
Indexx	79.0 -----	76.0 -----	75.7 ---	88.3 -----	76.0 ----
-Bezugsgrösse(n)	80.0 -----	76.8 -----	79.0 -----	88.5 -----	75.5 ----
Versuchs-Mittel	78.7 -----	75.3 -----	76.9 ----	87.3 -----	75.5 ----
VK [%]	2.2	1.7	2.0	2.8	1.7
KGD (5%)	1.4	2.1	2.5	3.9	2.1
KGD (1%)	1.8	2.8	3.3	5.2	2.8
Versuchs-Streuung	1.7	1.3	1.5	2.4	1.3
FG Fehlerterm	230.0	58.0	56.0	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	2040.1	29	24.52 ***		1.52	0.0000
Anbauorte	8889.3	3	1032.92 ***		2.64	0.0000
WW Verf.*Anb.Orte	407.4	87	1.63 ns		1.33	
Fehler	659.8	230				
Insgesamt	11996.6	349				

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

Verfahren	Seriemittel	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	6.5 -----	6.4 -----	6.3 -----	5.9 -----	6.7 -----
KWS 9361	6.4 -----	6.4 -----	6.3 -----	5.9 -----	6.5 -----
P 8488	6.2 --	6.2 ----	6.1 ----	5.4 ---	6.3 --
Palmer	6.1 -	5.8 -	6.2 ----	5.3 ---	6.3 ---
P8609	6.5 -----	6.2 -----	6.6 -----	6.0 -----	6.5 -----
LG 30.306	6.2 -	6.0 --	6.3 -----	5.5 ----	6.3 --
LZM 361/09	6.4 -----	6.1 ----	6.5 -----	5.6 -----	6.6 -----
MAS 27.L	6.3 -----	6.2 ----	6.3 -----	6.1 -----	6.3 ---
Format	6.5 -----	6.3 -----	6.3 -----	6.0 -----	6.5 -----
Sikaldi CS	6.2 ---	6.1 ---	5.8 -	5.7 -----	6.5 -----
P9203	6.3 -----	6.2 ----	6.4 -----	5.0 -	6.6 -----
DSP43999	6.4 -----	6.4 -----	6.2 ----	5.8 -----	6.6 -----
DSP44331	6.3 -----	6.2 -----	6.4 -----	5.7 -----	6.4 -----
CSM2259	6.1 -	6.1 ----	6.1 ----	5.3 ---	6.1 -
KWS 2323	6.3 ---	6.2 -----	6.2 -----	5.6 -----	6.3 ---
KXB3142	6.6 -----	6.7 -----	6.5 -----	6.1 -----	6.7 -----
KXB3154	6.6 -----	6.6 -----	6.4 -----	5.9 -----	6.7 -----
KXB3181	6.6 -----	6.5 -----	6.6 -----	5.8 -----	6.8 -----
KXB3329	6.5 -----	6.6 -----	5.9 -	5.9 -----	6.6 -----
Kawaxx	6.4 -----	6.3 -----	6.2 -----	5.7 -----	6.4 -----
Geoxx	6.4 -----	6.5 -----	6.1 ----	6.1 -----	6.4 ----
LG 30.224	6.7 -----	6.7 -----	6.8 -----	6.2 -----	6.8 -----
KXB3309	6.6 -----	6.4 -----	6.2 -----	6.0 -----	6.9 -----
KXB3324	6.4 -----	6.6 -----	6.2 -----	6.1 -----	6.4 -----
SA1432	6.4 -----	6.4 -----	6.1 ----	5.9 -----	6.4 -----
SY Kardona	6.4 -----	6.2 -----	6.3 -----	5.8 -----	6.6 -----
SB1542	6.5 -----	6.4 -----	6.5 -----	6.1 -----	6.7 -----
Ronaldinio	6.6 -----	6.4 -----	6.4 -----	6.4 -----	6.6 -----
Kandis	6.4 -----	6.5 -----	6.0 --	5.7 -----	6.6 -----
Indexx	6.4 -----	6.3 -----	6.7 -----	5.7 -----	6.4 -----
-Bezugsgrösse(n)	6.5 -----	6.3 -----	6.5 -----	5.9 -----	6.6 -----
Versuchs-Mittel	6.4 -----	6.3 -----	6.3 -----	5.8 -----	6.5 -----
VK [%]	3.4	2.3	5.4	5.7	1.7
KGD (5%)	0.1	0.2	ns	0.5	0.2
KGD (1%)	0.2	0.3	ns	0.7	0.2
Versuchs-Streuung	0.2	0.1	0.3	0.3	0.1
FG Fehlerterm	346.0	58.0	56.0	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	12.0	29	8.49 ***		1.50	0.0000
Anbauorte	56.9	5	233.01 ***		2.24	0.0000
WW Verf.*Anb.Orte	11.6	145	1.64 ns		1.25	
Fehler	16.9	346				
Insgesamt	97.4	525				

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
NK Silotop	7.0	-----	6.7	-----
KWS 9361	6.7	----	6.6	-----
P 8488	6.6	--	6.6	----
Palmer	6.6	---	6.4	--
P8609	6.9	-----	6.6	-----
LG 30.306	6.6	--	6.3	-
LZM 361/09	6.9	-----	6.8	-----
MAS 27.L	6.7	----	6.5	---
Format	6.8	-----	6.8	-----
Sikaldi CS	6.7	----	6.6	-----
P9203	6.9	-----	6.9	-----
DSP43999	6.8	-----	6.8	-----
DSP44331	6.7	----	6.6	-----
CSM2259	6.7	----	6.5	---
KWS 2323	6.8	-----	6.4	--
KXB3142	6.9	-----	6.9	-----
KXB3154	6.9	-----	6.8	-----
KXB3181	7.1	-----	6.8	-----
KXB3329	7.1	-----	6.9	-----
Kawaxx	6.8	-----	6.8	-----
Geoxx	6.8	-----	6.7	-----
LG 30.224	6.9	-----	6.9	-----
KXB3309	7.0	-----	6.9	-----
KXB3324	6.5	-	6.5	---
SA1432	6.8	-----	6.7	-----
SY Kardona	6.8	-----	6.6	-----
SB1542	6.8	-----	6.8	-----
Ronaldinio	6.8	-----	6.8	-----
Kandis	7.0	-----	6.9	-----
Indexx	6.8	-----	6.8	-----
-Bezugsgrösse(n)	6.9	-----	6.6	-----
Versuchs-Mittel	6.8	-----	6.7	-----
VK [%]	1.7		2.2	
KGD (5%)	0.2		0.2	
KGD (1%)	0.2		0.3	
Versuchs-Streuung	0.1		0.1	
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	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	6.7 -----	6.6 -----	6.5 -----	5.9 -----	7.0 -----
KWS 9361	6.6 -----	6.6 -----	6.4 -----	5.9 -----	6.6 -----
P 8488	6.3 --	6.3 -----	6.2 ---	5.2 ---	6.4 --
Palmer	6.2 -	5.8 -	6.3 ---	5.2 ---	6.5 ---
P8609	6.7 -----	6.3 -----	6.8 -----	6.0 -----	6.8 -----
LG 30.306	6.3 -	6.1 ---	6.4 -----	5.4 -----	6.4 --
LZM 361/09	6.6 -----	6.2 -----	6.7 -----	5.5 -----	6.8 -----
MAS 27.L	6.5 -----	6.3 -----	6.5 -----	6.1 -----	6.4 -----
Format	6.7 -----	6.4 -----	6.5 -----	6.0 -----	6.7 -----
Sikaldi CS	6.4 ---	6.2 ---	5.9 -	5.7 -----	6.8 -----
P9203	6.5 -----	6.3 -----	6.5 -----	4.8 -	6.9 -----
DSP43999	6.6 -----	6.6 -----	6.3 -----	5.9 -----	6.8 -----
DSP44331	6.5 -----	6.3 -----	6.7 -----	5.6 -----	6.5 -----
CSM2259	6.2 -	6.2 ---	6.2 ---	5.1 ---	6.2 -
KWS 2323	6.4 ---	6.3 -----	6.4 -----	5.6 -----	6.5 ---
KXB3142	6.9 -----	6.9 -----	6.6 -----	6.3 -----	7.0 -----
KXB3154	6.8 -----	6.8 -----	6.6 -----	5.9 -----	6.9 -----
KXB3181	6.8 -----	6.7 -----	6.9 -----	5.8 -----	7.1 -----
KXB3329	6.7 -----	6.9 -----	5.9 -	6.0 -----	6.8 -----
Kawaxx	6.5 -----	6.4 -----	6.3 -----	5.7 -----	6.6 -----
Geoxx	6.6 -----	6.7 -----	6.2 ---	6.2 -----	6.6 -----
LG 30.224	7.0 -----	7.0 -----	7.1 -----	6.4 -----	7.0 -----
KXB3309	6.8 -----	6.7 -----	6.4 -----	6.1 -----	7.2 -----
KXB3324	6.6 -----	6.8 -----	6.4 -----	6.1 -----	6.6 -----
SA1432	6.6 -----	6.6 -----	6.3 -----	6.0 -----	6.6 -----
SY Kardona	6.6 -----	6.4 -----	6.5 -----	5.8 -----	6.8 -----
SB1542	6.8 -----	6.5 -----	6.7 -----	6.2 -----	6.9 -----
Ronaldinio	6.8 -----	6.6 -----	6.6 -----	6.6 -----	6.8 -----
Kandis	6.6 -----	6.7 -----	6.0 --	5.6 -----	6.8 -----
Indexx	6.6 -----	6.5 -----	6.9 -----	5.7 -----	6.6 -----
-Bezugsgrösse(n)	6.7 -----	6.5 -----	6.7 -----	6.0 -----	6.9 -----
Versuchs-Mittel	6.6 -----	6.5 -----	6.5 -----	5.8 -----	6.7 -----
VK [%]	4.3	2.9	6.8	7.3	2.1
KGD (5%)	0.2	0.3	ns	0.7	0.2
KGD (1%)	0.2	0.4	ns	0.9	0.3
Versuchs-Streuung	0.3	0.2	0.4	0.4	0.1
FG Fehlerterm	346.0	58.0	56.0	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	20.3	29	8.66 ***	1.50	0.0000
Anbauorte	93.8	5	232.28 ***	2.24	0.0000
WW Verf.*Anb.Orte	19.0	145	1.62 ns	1.25	
Fehler	27.9	346			
Insgesamt	161.0	525			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
NK Silotop	7.3	-----	7.0	-----
KWS 9361	7.0	----	6.9	-----
P 8488	6.8	--	6.8	----
Palmer	6.9	---	6.6	--
P8609	7.2	-----	6.8	-----
LG 30.306	6.8	--	6.5	-
LZM 361/09	7.2	-----	7.1	-----
MAS 27.L	6.9	---	6.7	---
Format	7.1	-----	7.1	-----
Sikaldi CS	7.0	----	6.8	-----
P9203	7.2	-----	7.2	-----
DSP43999	7.1	-----	7.1	-----
DSP44331	6.9	---	6.9	-----
CSM2259	6.9	----	6.7	----
KWS 2323	7.0	-----	6.5	-
KXB3142	7.3	-----	7.2	-----
KXB3154	7.2	-----	7.1	-----
KXB3181	7.4	-----	7.1	-----
KXB3329	7.4	-----	7.2	-----
Kawaxx	7.1	-----	7.1	-----
Geoxx	7.0	-----	6.9	-----
LG 30.224	7.2	-----	7.2	-----
KXB3309	7.3	-----	7.3	-----
KXB3324	6.7	-	6.7	---
SA1432	7.1	-----	6.9	-----
SY Kardona	7.0	----	6.9	-----
SB1542	7.2	-----	7.1	-----
Ronaldinio	7.2	-----	7.2	-----
Kandis	7.3	-----	7.3	-----
Indexx	7.1	-----	7.0	-----
-Bezugsgrösse(n)	7.3	-----	6.9	-----
Versuchs-Mittel	7.1	-----	7.0	-----
VK [%]	2.1		2.8	
KGD (5%)	0.2		0.3	
KGD (1%)	0.3		0.4	
Versuchs-Streuung	0.1		0.2	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	155.4 ----	173.2 -----	135.4 ----	134.1 -----	168.7 -----
KWS 9361	154.1 ----	165.8 -----	138.6 -----	133.5 -----	151.8 ---
P 8488	155.7 ----	152.7 ----	143.4 -----	123.7 ----	160.9 -----
Palmer	167.5 -----	165.5 -----	163.5 -----	134.3 -----	185.4 -----
P8609	167.9 -----	163.8 -----	153.5 -----	149.0 -----	180.6 -----
LG 30.306	175.8 -----	187.2 -----	170.6 -----	141.0 -----	183.0 -----
LZM 361/09	168.5 -----	177.3 -----	153.6 -----	128.1 -----	185.2 -----
MAS 27.L	142.6 -	133.9 -	133.4 ----	128.9 -----	143.8 -
Format	150.5 ---	165.3 -----	124.9 ---	124.9 -----	160.4 -----
SikalDI CS	146.3 --	160.5 -----	112.1 -	125.2 -----	167.0 -----
P9203	156.1 ----	170.8 -----	136.2 ----	95.8 -	183.5 -----
DSP43999	156.1 ----	170.6 -----	138.4 -----	118.3 ----	166.0 -----
DSP44331	156.0 ----	167.1 -----	139.8 -----	124.1 -----	160.3 -----
CSM2259	144.6 -	162.4 -----	122.5 ---	113.0 ---	140.2 -
KWS 2323	156.3 ----	168.8 -----	136.7 ----	129.3 -----	171.3 -----
XKB3142	170.5 -----	185.6 -----	141.1 ----	147.5 -----	172.1 -----
KXB3154	168.3 -----	183.1 -----	146.9 -----	137.4 -----	174.9 -----
KXB3181	178.2 -----	186.8 -----	182.8 -----	134.8 -----	181.1 -----
KXB3329	172.2 -----	207.5 -----	135.8 ----	139.7 -----	182.4 -----
Kawaxx	159.1 ----	172.0 -----	144.6 -----	138.5 -----	155.0 ----
Geoxx	149.4 ---	163.4 -----	125.3 ---	155.1 -----	147.5 --
LG 30.224	148.0 --	170.9 -----	107.8 -	135.7 -----	157.3 ----
KXB3309	157.6 -----	178.8 -----	128.6 ---	125.8 -----	167.3 -----
KXB3324	149.1 --	171.5 -----	122.1 ---	130.9 -----	151.6 ---
SA1432	153.5 ----	164.0 -----	145.7 -----	131.2 -----	142.4 -
SY Kardona	153.0 ---	129.7 -	148.3 -----	128.1 -----	165.4 -----
SB1542	154.6 ----	174.3 -----	139.9 -----	132.3 -----	151.4 ---
Ronaldinio	149.3 --	160.6 -----	123.3 ---	134.3 -----	145.9 --
Kandis	154.8 ----	170.7 -----	139.1 -----	114.2 ----	154.7 ----
Indexx	168.9 -----	179.3 -----	169.7 -----	135.3 -----	168.9 -----
-Bezugsgrösse(n)	161.6 -----	168.5 -----	144.4 -----	141.6 -----	174.6 -----
Versuchs-Mittel	158.0 -----	169.4 -----	140.1 -----	130.8 -----	164.2 -----
VK [%]	8.3	6.5	11.7	11.6	8.3
KGD (5%)	8.6	18.1	26.8	24.7	22.2
KGD (1%)	11.4	24.1	35.7	ns	29.6
Versuchs-Streuung	13.2	11.1	16.4	15.1	13.6
FG Fehlerterm	346.0	58.0	56.0	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	47739.5	29	9.48 ***	1.50	0.0000
Anbauorte	145777.6	5	167.84 ***	2.24	0.0000
WW Verf.*Anb.Orte	48675.9	145	1.93 ***	1.25	0.0005
Fehler	60102.3	346			
Insgesamt	302295.3	525			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
NK Silotop	159.7	---	161.5	----
KWS 9361	156.4	--	178.3	-----
P 8488	171.3	-----	182.1	-----
Palmer	180.5	-----	175.7	-----
P8609	183.3	-----	177.1	-----
LG 30.306	193.8	-----	179.3	-----
LZM 361/09	179.8	-----	187.0	-----
MAS 27.L	150.2	-	165.5	----
Format	152.2	-	175.1	-----
Sikaldi CS	151.2	-	162.1	----
P9203	163.9	----	186.8	-----
DSP43999	171.6	-----	171.8	-----
DSP44331	160.2	---	184.4	-----
CSM2259	151.6	-	178.0	-----
KWS 2323	166.7	----	165.2	----
KXB3142	187.5	-----	189.5	-----
KXB3154	187.9	-----	179.6	-----
KXB3181	196.9	-----	186.9	-----
KXB3329	191.8	-----	175.7	-----
Kawaxx	167.2	----	177.1	-----
Geoxx	157.5	--	147.7	-
LG 30.224	150.0	-	166.3	----
KXB3309	173.3	-----	172.1	-----
KXB3324	162.0	---	156.3	---
SA1432	164.5	----	173.0	-----
SY Kardona	174.1	-----	172.1	-----
SB1542	154.5	--	175.1	-----
Ronaldinio	162.6	---	169.3	-----
Kandis	169.4	-----	180.4	-----
Indexx	177.1	-----	183.0	-----
-Bezugsgrösse(n)	171.5	-----	169.3	-----
Versuchs-Mittel	169.0	-----	174.5	-----
VK [%]	6.2		6.5	
KGD (5%)	17.1		18.7	
KGD (1%)	22.8		24.8	
Versuchs-Streuung	10.5		11.4	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1896 Vouvry VS	3065 Habstetten BE	8046 Reckenholz ZH
NK Silotop	75.7 -----	78.7 -----	67.0 ----	62.4 -----	84.2 -----
KWS 9361	76.0 -----	72.0 -----	70.2 -----	64.3 -----	78.7 -----
P 8488	74.3 ----	70.4 -----	69.5 -----	50.6 ----	77.9 -----
Palmer	79.0 -----	69.2 ----	81.0 -----	52.6 -----	92.2 -----
P8609	84.6 -----	78.0 -----	80.3 -----	70.5 -----	91.0 -----
LG 30.306	86.1 -----	85.6 -----	85.1 -----	61.5 -----	93.3 -----
LZM 361/09	81.8 -----	74.7 -----	78.3 -----	53.3 -----	96.3 -----
MAS 27.L	67.3 -	55.4 -	65.4 ----	60.5 -----	68.7 --
Format	71.9 ---	72.5 -----	59.5 ---	55.2 -----	80.2 -----
SikalDI CS	70.3 --	72.9 -----	51.1 -	54.2 -----	85.5 -----
P9203	73.1 ----	73.6 -----	66.1 ----	29.6 -	89.0 -----
DSP43999	72.9 ----	74.3 -----	62.7 ---	50.2 -----	79.8 -----
DSP44331	76.0 -----	74.4 -----	71.6 -----	55.9 -----	78.5 -----
CSM2259	68.9 -	72.9 -----	59.6 ---	47.6 -----	63.1 -
KWS 2323	77.9 -----	77.2 -----	68.4 -----	56.3 -----	89.2 -----
KXB3142	84.6 -----	85.5 -----	71.2 -----	69.7 -----	85.6 -----
KXB3154	83.7 -----	85.1 -----	75.7 -----	64.2 -----	86.0 -----
KXB3181	86.3 -----	82.1 -----	92.9 -----	58.1 -----	89.7 -----
KXB3329	79.4 -----	91.7 -----	53.6 -	59.1 -----	88.6 -----
Kawaxx	74.6 ----	73.2 -----	67.5 -----	59.2 -----	74.2 ----
Geoxx	72.5 ---	78.1 -----	61.8 ---	73.0 -----	70.7 ---
LG 30.224	72.6 ---	78.9 -----	55.3 --	63.3 -----	74.3 ----
KXB3309	74.4 ----	80.3 -----	58.5 --	57.0 -----	78.7 -----
KXB3324	71.6 ---	78.4 -----	58.9 --	61.9 -----	70.2 ---
SA1432	77.6 -----	80.4 -----	70.0 -----	62.7 -----	70.8 ---
SY Kardona	71.5 ---	56.1 -	71.6 -----	52.4 -----	78.1 -----
SB1542	74.2 ----	77.3 -----	67.9 -----	61.5 -----	72.9 ----
Ronaldinio	73.8 ----	74.4 -----	62.5 ---	69.7 -----	69.5 ---
Kandis	75.8 -----	79.8 -----	62.3 ---	51.0 -----	77.8 -----
Indexx	84.7 -----	81.3 -----	88.6 -----	64.4 -----	84.3 -----
-Bezugsgrösse(n)	80.1 -----	78.3 -----	73.6 -----	66.5 -----	87.6 -----
Versuchs-Mittel	76.4 -----	76.1 -----	68.5 -----	58.4 -----	80.6 -----
VK [%]	10.9	6.8	16.4	18.5	8.8
KGD (5%)	5.4	8.5	18.4	17.7	11.5
KGD (1%)	7.2	11.3	24.5	ns	15.4
Versuchs-Streuung	8.3	5.2	11.3	10.8	7.1
FG Fehlerterm	346.0	58.0	56.0	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	14741.9	29	7.37 ***	1.50	0.0000
Anbauorte	58602.6	5	169.83 ***	2.24	0.0000
WW Verf.*Anb.Orte	19998.8	145	2.00 ***	1.25	0.0004
Fehler	23879.2	346			
Insgesamt	117222.5	525			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
NK Silotop	80.7	---	81.0	---
KWS 9361	82.6	---	88.0	-----
P 8488	86.6	-----	90.8	-----
Palmer	93.0	-----	86.3	-----
P8609	96.7	-----	91.4	-----
LG 30.306	100.7	-----	90.5	-----
LZM 361/09	92.6	-----	95.5	-----
MAS 27.L	74.7	-	78.7	---
Format	78.5	--	85.6	-----
Sikaldi CS	77.3	--	80.9	---
P9203	84.7	----	95.3	-----
DSP43999	85.9	-----	84.4	-----
DSP44331	82.0	---	93.6	-----
CSM2259	78.3	--	91.6	-----
KWS 2323	90.1	-----	86.3	-----
KXB3142	95.1	-----	100.6	-----
KXB3154	96.0	-----	95.0	-----
KXB3181	102.7	-----	92.3	-----
KXB3329	97.7	-----	86.1	-----
Kawaxx	84.7	----	88.5	-----
Geoxx	78.0	--	73.5	-
LG 30.224	76.5	-	87.2	-----
KXB3309	88.0	-----	84.1	-----
KXB3324	81.4	---	78.8	---
SA1432	89.7	-----	91.9	-----
SY Kardona	85.6	----	85.4	-----
SB1542	78.0	--	87.6	-----
Ronaldinio	82.9	----	83.7	-----
Kandis	88.8	-----	95.0	-----
Indexx	95.4	-----	94.1	-----
-Bezugsgrösse(n)	88.7	-----	86.2	-----
Versuchs-Mittel	86.8	-----	88.1	-----
VK [%]	7.4		8.4	
KGD (5%)	10.5		12.0	
KGD (1%)	14.0		ns	
Versuchs-Streuung	6.4		7.4	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	