

Pflanzen

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## Résultats des essais variétaux de maïs ensilage 2018

## Resultate der Haupt- versuche Silomais 2018

### Autoren

Jürg Hiltbrunner, Ulrich Buchmann und Pierre Pignon

### Partner

Delley Samen und Pflanzen AG

Carine Oberson und Cécile Brabant, Agroscope



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## Legende / Légende

<b>KM01</b>	Körnermais früh / maïs grain précoce	<b>SM01</b>	Silomais früh / maïs ensilage précoce	<b>STD / T / FS</b>	Standardsorte (STD) weitere Sorte aus Sortenliste (T) oder Füllsorte (FS) / variété de référence (STD) autre variété de la liste recommandée (T=témoin) ou pour compléter l'essai (FS)
<b>KM11</b>	Körnermais mittelfrüh / maïs grain mi-précoce	<b>SM11</b>	Silomais mittelfrüh / maïs ensilage mi-précoce	<b>e1 / e2 / e3</b>	Neue Sorte 1., 2. bzw. 3. Prüfjahr Liste empfohlener Sorten / nouvelle variété 1 <sup>ière</sup> , 2 <sup>ième</sup> ou 3 <sup>ième</sup> année pour liste recommandée
<b>KM21</b>	Körnermais mittelspät – spät / maïs grain mi-tardif – tardif	<b>SM21</b>	Silomais mittelspät – spät / maïs ensilage mi-tardif – tardif		
<b>KM41</b>	Körnermais mittelfrüh Tessin / maïs grain mi- précoce Tessin	<b>SM41</b>	Silomais mittelfrüh Tessin / maïs ensilage mi- précoce Tessin	<b>1. / 2. / 3.</b>	Neue Sorte 1., 2. bzw. 3. Prüfjahr Nationaler Sortenkatalog / nouvelle variété 1 <sup>ière</sup> , 2 <sup>ième</sup> ou 3 <sup>ième</sup> année pour catalogue national
<b>KM42</b>	Körnermais mittelspät – spät Tessin / maïs grain mi-tardif – tardif Tessin	<b>SM42</b>	Silomais mittelspät – spät Tessin / maïs ensilage mi-tardif – tardif Tessin		

## Danksagung

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# 1 Merkmale / Critères

## Rendement / Ertrag

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

## Précocité / Frühreife

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

## Vigueur au départ / Jugendentwicklung

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

## Verse en végétation / Wurzellager während Vegetation

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

## Verse à la récolte / Wurzellager zum Zeitpunkt der Ernte

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

## Charbon / Beulenbrand

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

## Fusariose / Stängelfäule

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

## Hauteur / Pflanzenhöhe

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

## Hauteur de l'épi / Ansatzhöhe des Hauptkolbens

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

## Hauteur relative de l'épi / Relative Kolbenansatzhöhe

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

## Floraison / Blühbeginn

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

## Pyrale / Maiszünsler

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

### **Densité / Bestandesdichte**

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

### **Digestibilité (NIRS) / Gehalt verdauliche organische Substanz**

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

### **Teneur en cellulose brute (NIRS) / Rohfaser**

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

### **Teneur en protéines (NIRS) / Proteingehalt**

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

### **Teneur en amidon (NIRS) / Stärkegehalt**

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

### **NDF (NIRS) / Zellwandanteil**

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

### **NEL (NIRS) / NEL**

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

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

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

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

### **Qualité / Qualität:**

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

### **Rendement / Ertrag :**

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

### **Précocité / Reife :**

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

### **Vigueur au départ / Jugendentwicklung :**

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

### **Verse en végétation / Lagerung während Vegetation :**

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

### **Verse à la récolte / Lagerung bei Ernte :**

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

### **Plantes cassées à la récolte / Stängelbruch bei Ernte :**

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

### **Charbon / Beulenbrand :**

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

### **Indice global / Gesamtindex :**

- Somme de tous les indices partiels
- Summe aller Teilindizes

## 3 Nördlich der Alpen / Nord des Alpes

### 3.1 Serie früh / Série précoce

#### 3.1.1 Standortangaben / Informations des lieux

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	2018	
			Saattermin / date de semis	Erntetermin / date de récolte
1260	Nyon	430	27.04.18	nicht geerntet / ne pas récolté
1567	Delley	511	22.05.18	28.08.18
1725	Grangeneuve	650	11.05.18	05.09.18
3065	Habstetten	680	09.05.18	20.09.18
5643	Alikon	490	21.04.18	27.08.18
8046	Reckenholz	440	20.04.18	16.08.18
8193	Eglisau	390	08.05.18	28.08.18
8566	Ellighausen	503	25.04.18	30.08.18

#### 3.1.2 Sorten / Status

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
DKC 3333	EL3442	SC	Monsanto	Monsanto		SM01/S
LG 31211	LZM163/74	SC	Limagrain	Fenaco, Moudon	KM01/S	SM01/S
Spyci CS	CSM2152	SC	Caussade Semence	Schweizer		SM01/S
Karibous	KXB4302	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/S
SY Amboss	SA1051	SC	Syngenta	Syngenta, Dielsdorf		SM01/S
Amanova	KXB5127	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/S
SY Skandik	SA0813	SC	Syngenta, CH	Syngenta, Dielsdorf		SM01/e2
LG 31205	LZM166/71	SC	Limagrain	Fenaco, Moudon		SM01/e2
Rancador	KXB6127	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e2	SM01/e2
KWS Colonnada	KXB6303	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e2
KWS Stefano	KXB6125	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e2
Mas 08.F	MGM 273807	SC	Maisadour, F			SM01/e2
ES2821	ES2821	SC	Monsanto, USA	Monsanto, Morges		SM01/e1
Mantilla	LZM166/51	SC	Limagrain, F	Fenaco, Moudon		SM01/e1
LZM 166/73	LZM 166/73	SC	Limagrain, F	Fenaco, Moudon	KM01/e1	SM01/e1
LZM 167/39	LZM 167/39	SC	Limagrain, F	Fenaco, Moudon		SM01/e1
KWS	KXB6036	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e1
Amavit	KXB6126	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e2	SM01/e1
KXB7127	KXB7127	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e1
KXB7307	KXB7307	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM01/e1
KXB7313	KXB7313	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e1
RH17038	RH17038	SC	RAGT 2n, F	Fenaco, Moudon		SM01/e1
RH17036	RH17036	SC	RAGT 2n, F	Fenaco, Moudon		SM01/e1
Amaizi CS	CSM16001	SC	Caussade Semences			SM01/e1
Actual	SA0025	SC	Syngenta, CH	Syngenta, Dielsdorf		SM01/e1
DFI45213	DFI45213		DSP, Delley	DSP, Delley		SM01/1.
Landlord		SC	agaSaat GmbH & Co	Schweizer, Thun		SM01/e1
LG 30222	LZM 158/51	SC	Limagrain	Fenaco, Moudon	KM01/S	SM01/T
DKC 2978	EQ3048	SC	Monsanto, USA	Monsanto, Morges		SM01/T
Kaprilias	KXB5305	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/T



### 3.1.3 Standorteigenschaften und Bewirtschaftungsmassnahmen / Informations sur les sites et techniques culturales

Technische Versuchsangaben / données techniques / technical information										
Standort / lieu / site:	1260 Nyon (412 m altitude)	Delley (500 m ü.M.) Pré Billon 1	Grangeneuve (650 m ü.M.)	Habstetten (680 m ü.M.)	Alikon (494 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (603 m ü.M.)		
Bodenart / type de sol / soil type:	limono sableux	Moyen: 15-20 % argile, pH 7.2	moyen	sandiger Lehm	schwach humoser SchluffeHM	Parabraunerde	Leicht; mittel humos	stark sandiger Lehm		
Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme de s températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):	nicht geerntet / pas récolté	248.6 mm (selon AgroMeteo, station Delley) 1438.6°C (selon AgroMeteo, station Delley)	-	225 mm (ev. nicht ganz vollständig) 1681°C	247.7 mm (Meteostation Hohenrain) 1687.6°C (Meteostation Hohenrain)	265.4 mm 1524.4°C	234.9 mm (Meteostation Will/Steinmaur) 1561.6°C (Meteostation Will/Steinmaur)	248.6 mm 1527.7°C		
Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen / blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzellengrösse / grandeur d'une parcelle / plot size:	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	Semé: 17 m2 per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs Récolté: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	15 m2 pro Parzelle brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto		
Vorfrucht / précédent cultural / previous crop:	colza	Maïs grain	prairie temporaire	blé d'hiver	Zuckerrüben	Zuckerrüben / bettrave à sucre / sugar beets	Winterweizen	Raps - Zwischenfutter (Wick-Hafer-Erbsengemenge)		
Bodenbearbeitung / travail du sol / soil cultivation:	26.10. labour 19.04. hersage 27.04. hersage	14.02.2018: Labour 21.05.2018: Herse rotative	24. 04. et 7. 05.: déchaumeur; 9. 05. et 11. 05.: herse à disques	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Grubber nachher Streifenfrässaat	Pflug (6.3.18), Federzahnegge (18.4.18) / charrue, herse / plough, harrow	06.05. 2018 Pflug/charrue/plow; 07.05.2018 Kreiselegge/herse rotative/ rotary harrow	Pflug (Hebst) und Kreiselegge / charrue (automne) et herse rotative / plough (fall) and rotary harrow		
Saat / date de semis / sowing date:	27.04.2018	22.05.2018 (jour 142)	11.05.2018	09.05.2018	21. 04.2018	20.04.2018	08.05.2018	25.04.2018		
Ernte / date de récolte / harvest date:	nicht geerntet / pas récolté	28.08.2018 (jour 240)	05.09.2018	20.09.2018	27.08.2018	16.08.2018	28.08.2018	30.08.2018		

Technische Versuchsausgaben / données techniques / technical information										
Standort / lieu / site:	1260 Nyon (412 m ü.M.)	De lley (500 m ü.M.) Pré Bilon 1	Grangeneuve (650 m ü.M.)	Habstetten (680 m ü.M.)	Alikon (494 m ü.M.)	Zürich- Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Ellighausen (503 m ü.M.)		
Saatdichte / densité de semis / sowing density:	11.0 Körner / grains pro m <sup>2</sup>	Semis: 10.8 grains pro m <sup>2</sup> , éclaircit à 10.3 plantes/m <sup>2</sup>	11.0 Körner / grains pro m <sup>2</sup>	11.0 Körner / grains pro m <sup>2</sup>	11.5 Körner / grains pro m <sup>2</sup>	11.5 Körner / grains pro m <sup>2</sup>	11.5 Körner / grains pro m <sup>2</sup>	11.5 Körner / grains pro m <sup>2</sup>		
Vegetationsdauer / durée de végétation / growing period	136 Tage / jours / days	98 Tage / jours / days	117 Tage / jours / days	134 Tage / jours / days	128 Tage / jours / days	118 Tage / jours / days	112 Tage / jours / days	127 Tage / jours / days		
Reihenabstand / inter-rignes / row distance:	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm	75 cm	75 cm		
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-	-	-	-	Hacken (11.5.18)	-	-		
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Gardo Gold 4 l/ha Banvel4S 0.5 l/ha Elumis 1.3 l/ha (04.06.2018)	15.06.2018: Gardo Gold (4 l/ha) + Elumis (1.3 l/ha)	1.6.18: 1.5 l/ha Equip Power	Elumis 1.3 l/ha + Banvel 4S 0.4l/ha (17.06.18)	07.05.2018: Equip Power 1.5 l/ha + Spectrum 1.1 l/ha	24.5.: Aspect 2.0l/ha, Laudis 2.0l/ha, Banvel M 0.5l/ha	24.05.2018 Gardo Gold 4 lt. / Callisto 0.6 lt / Dasul extra 0.6 lt Ha	15.5.: Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha		
Grunddüngung / fumure de base / basic fertilisation:	Purin de bovins 54 m <sup>3</sup> /ha 110 N 55 P2O5 148 K2O 22 MgO	13.02.2018: Landor 0.20.30 (270kg/ha)	-	-	24.04.2018: Schweinegülle 30m <sup>3</sup> /ha; Hühnermist 6m <sup>3</sup> /ha; Bodenaktivator TMCE 120 kg/ha	11.4. T riple Superphosphat 46% 92 kgP2O5/ha; 12.4. Kali 60% 180 kg K2O/ha	28.04.2018 Mist 70 m <sup>3</sup> /ha	nach Raps 20 to/ha Stapelmist (Herbst 2017)		
N-Düngung / fumure N / N fertilisation:	Urée perlée 46 % 117 kg/ha 54 N	22.05.2018: Sulfonitrate 26.0.0 (300 kg/ha) 18.06.2018: Urée 46.0.0 (150 kg/ha)	175 kg/ha Nitrate sulfomagnésien (25N, 5mg, 8.5S) 43 N (11.05.) 200 kg Urée 46%/N 92 N (15.06.)	38.5 kg N/ha (ammonitrate, 26.05.18); 78 kg N/ha (urée 10.06.18)	Ammonsalpeter: 90 kg/ha; 14.05.2018 Harnstoff 170 kg/ha; 06.06.2018 Blattdüngung Micronährstoffe 6 l/ha	Harnstoff 46% 82.8 kg N/ha (11.5.), Harnstoff 46 % 32.2 kg N/ha (11.5.)	29.05.2018 Harnstoff 46% 300 kg/ha	5.5.: Ammonsalpeter (55 kg N/ha); 5.6. Harnstoff (70 kg N/ha)		
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Ensileuse expérimentale	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse						New Holland Versuchsmaishäcksler

## 3.1.4 Index / Indice

Sorte	Status	VOS	Ertrag	Reife	Jugend- entwicklung	Wurzellaag.		Stängelbr.	Beulen- brand	Oekon.	Agron.	Gesamt- index
						Veget.	Ernte					
LZM 166/73	e1	3.96	0.41	-0.19	-0.37	-0.04	0.36	1.28	0.04	4.37	1.07	5.45
KXB7313	e1	1.80	6.01	1.32	0.16	0.07	-4.15	-3.02	0.02	7.81	-5.60	2.20
LZM 167/39	e1	0.38	0.85	-0.66	-0.06	0.07	0.02	1.73	-0.23	1.23	0.88	2.12
ES2821	e1	1.39	3.66	-2.23	-0.25	-0.07	-1.47	1.11	-0.14	5.05	-3.06	1.99
LG 31205	e2	-0.18	1.51	-0.42	-0.01	0.07	-0.56	1.73	-0.35	1.33	0.47	1.80
<b>LG 31211</b>	<b>S</b>	<b>0.77</b>	<b>0.35</b>	<b>-0.87</b>	<b>0.14</b>	<b>0.00</b>	<b>-0.92</b>	<b>1.33</b>	<b>-0.01</b>	<b>1.12</b>	<b>-0.33</b>	<b>0.79</b>
KXB7307	e1	0.35	4.31	-2.68	-0.03	0.07	-1.67	-0.14	-0.21	4.66	-4.67	-0.01
Mantilla	e1	-2.15	2.14	-0.11	-0.17	0.07	-0.78	1.04	-0.11	-0.01	-0.06	-0.07
<b>Amanova</b>	<b>S</b>	<b>-0.77</b>	<b>-0.35</b>	<b>0.87</b>	<b>-0.14</b>	<b>0.00</b>	<b>0.92</b>	<b>-1.33</b>	<b>0.01</b>	<b>-1.12</b>	<b>0.33</b>	<b>-0.79</b>
RH17038	e1	1.12	-1.14	-0.62	-0.50	0.07	-1.56	1.46	-0.29	-0.02	-1.43	-1.45
LG 30222	T	-1.53	-1.68	-1.01	0.15	0.07	-0.11	1.69	0.02	-3.21	0.81	-2.40
KWS Colonnada	e2	1.27	3.89	2.29	-0.10	0.07	-1.65	-8.18	-0.07	5.16	-7.64	-2.49
Landlord	e1	0.19	0.55	-3.44	-0.35	-0.07	-1.00	1.42	-0.16	0.74	-3.60	-2.86
DKC 3333	S	3.38	-6.06	-1.88	-0.37	0.07	0.60	1.44	-0.07	-2.68	-0.21	-2.89
Karibous	S	1.12	-2.65	-2.23	-0.05	0.07	-1.12	0.35	-0.16	-1.53	-3.14	-4.67
Kaprilas	T	-2.15	0.36	-1.98	-0.30	0.07	-1.12	0.10	-0.52	-1.79	-3.75	-5.54
KWS Salamandra	e1	-3.30	1.06	-0.73	-0.02	0.07	-2.81	0.48	-0.87	-2.24	-3.88	-6.12
SY Skandik	e2	-0.61	-0.77	-2.71	-0.05	0.07	-3.15	0.55	0.09	-1.38	-5.19	-6.57
Amaizi C.S	e1	-4.26	-6.00	3.68	-0.06	0.07	-1.25	0.84	0.03	-10.26	3.31	-6.95
RH17036	e1	-0.26	-2.53	-1.50	-0.41	0.07	-4.46	1.15	0.00	-2.78	-5.15	-7.93
Amavit	e1	-2.84	-0.56	-1.04	-0.10	0.07	-4.35	0.84	0.03	-3.40	-4.55	-7.95
<b>DFI45213</b>	<b>1.</b>	<b>-6.14</b>	<b>-0.49</b>	<b>-0.35</b>	<b>0.21</b>	<b>0.07</b>	<b>-1.45</b>	<b>-0.10</b>	<b>-0.84</b>	<b>-6.64</b>	<b>-2.46</b>	<b>-9.09</b>
Rancador	e2	-2.36	-0.01	-0.67	-0.35	0.03	-4.49	-1.48	0.02	-2.38	-6.94	-9.31
KXB7127	e1	-3.67	4.15	-4.00	-0.12	0.07	-4.67	-1.15	-0.97	0.48	-10.83	-10.35
Mas 08.F	e2	4.43	-5.16	-0.72	-0.54	-0.02	-8.37	-0.14	0.02	-0.74	-9.77	-10.51
DKC 2978	T	-0.92	-8.26	-1.85	-0.51	0.07	-0.40	0.99	-0.37	-9.17	-2.06	-11.23
Spyci C.S	S	-4.04	-6.93	1.23	-0.14	-0.07	-3.59	0.39	0.15	-10.97	-2.04	-13.02
KWS Stefano	e2	-0.38	-2.92	-1.23	-0.75	0.07	-7.03	-0.93	0.02	-3.30	-9.85	-13.15
SY Amboss	S	-2.63	-3.49	-3.75	-0.41	0.07	-3.88	1.04	-0.77	-6.12	-7.71	-13.83
Actual	e1	-0.82	-8.16	3.69	0.05	0.03	-4.58	-6.55	0.09	-8.98	-7.28	-16.25
<b>Bezugsgrößen</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Anz. Beob.		16	16	16	19	3	5	5	10			
Anz. Orte		6	6	6	7	1	2	2	4			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

## 3.1.5 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- ent- wicklg. Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Wurzel- lager Veg. %	Wurzel- lager Ernte %
DKC 3333	4.2	73.8	73.0	224.0	105.2	46.8	0.0	4.0
<b>LG 31211</b>	<b>3.2</b>	<b>72.0</b>	<b>71.4</b>	<b>255.8</b>	<b>102.7</b>	<b>40.1</b>	<b>2.1</b>	<b>11.0</b>
Spyci CS	3.7	73.7	72.8	246.9	109.6	44.3	4.2	23.5
Karibous	3.6	71.8	72.2	243.8	118.1	47.9	0.0	12.0
SY Amboss	4.3	74.9	74.6	260.4	133.5	51.1	0.0	24.9
<b>Amanova</b>	<b>3.7</b>	<b>73.2</b>	<b>72.8</b>	<b>261.0</b>	<b>122.3</b>	<b>46.7</b>	<b>2.1</b>	<b>2.5</b>
SY Skandik	3.5	73.6	73.1	245.8	110.6	44.8	0.0	21.5
LG 31205	3.5	72.2	72.1	273.3	113.8	41.6	0.0	9.4
Rancador	4.2	72.6	72.6	257.1	124.6	48.2	1.3	27.7
KWS Colonnada	3.7	72.8	73.2	241.0	115.6	48.4	0.0	14.5
KWS Stefano	5.0	73.5	74.3	260.0	122.7	46.7	0.0	39.6
Mas 08.F	4.5	73.0	72.2	224.6	97.9	43.8	2.5	45.8
ES2821	4.0	73.2	72.7	262.7	114.6	43.5	4.2	13.6
Mantilla	3.8	73.3	73.3	273.8	122.9	44.6	0.0	10.4
LZM 166/73	4.2	73.5	73.1	260.6	110.2	42.1	3.3	5.1
LZM 167/39	3.6	72.2	72.3	276.5	117.7	42.3	0.0	6.7
KWS Salamandra	3.5	73.8	73.9	265.8	125.8	47.2	0.0	19.9
Amavit	3.7	73.6	73.7	264.2	127.5	47.9	0.0	27.1
KXB7127	3.7	75.3	75.0	267.5	136.9	50.9	0.0	28.5
KXB7307	3.5	73.4	73.0	255.8	128.1	49.8	0.0	14.6
KXB7313	3.1	72.0	72.2	259.6	126.0	48.5	0.0	26.1
RH17038	4.5	73.3	72.9	255.2	111.9	43.7	0.0	14.1
RH17036	4.3	73.2	73.5	266.5	116.9	43.8	0.0	27.6
Amaizi CS	3.6	71.9	72.1	251.3	103.5	40.9	0.0	12.6
Actual	3.4	72.9	71.8	234.0	102.7	44.1	1.3	28.1
DFI45213	3.0	73.0	71.6	270.0	111.7	41.2	0.0	13.5
Landlord	4.1	74.0	73.0	262.5	124.8	47.3	4.2	11.5
LG 30222	3.2	73.0	72.8	244.8	106.7	43.5	0.0	7.3
DKC 2978	4.5	72.9	72.5	251.7	100.4	39.7	0.0	8.6
Kaprilias	4.1	73.8	73.9	257.1	124.2	47.8	0.0	12.0
<b>Bezugsgrösse(n)</b>	<b>3.4</b>	<b>72.6</b>	<b>72.1</b>	<b>258.4</b>	<b>112.5</b>	<b>43.4</b>	<b>2.1</b>	<b>6.8</b>
<b>Versuchs-Mittel</b>	<b>3.8</b>	<b>73.2</b>	<b>72.9</b>	<b>255.8</b>	<b>116.3</b>	<b>45.3</b>	<b>0.8</b>	<b>17.5</b>
VK [%]	19.4	2.1	1.9	5.2	9.1	9.0	347.4	111.6
KGD (5%)	0.5	1.3	1.1	11.3	8.9	3.4		
KGD (1%)	0.6	1.7	1.5	14.9	11.8	4.5		
Versuchsstreuung	0.7	1.5	1.4	13.4	10.6	4.1	2.9	19.5
FG Fehlerterm	345.0	200.0	200.0	201.0	201.0	201.0	58.0	87.0
Anz. Beob.	19.0	11.0	11.0	11.0	11.0	11.0	3.0	5.0
Anz. Orte	7.0	4.0	4.0	4.0	4.0	4.0	1.0	2.0
Minimum	3.0	71.8	71.4	224.0	97.9	39.7	0.0	2.5
Maximum	5.0	75.3	75.0	276.5	136.9	51.1	4.2	45.8

Sorten Bezeichnung	Stängel- bruch Ernte %	dürre Blatt- fläche %	Beulen- brand %	Mais- zünsler %	Effekt. Best. dichte Pfl./m2	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	VOS- Ertrag dt/ha
DKC 3333	2.0	26.7	1.6	6.1	9.8	541.8	210.4	39.4	151.4
<b>LG 31211</b>	<b>2.5</b>	<b>32.8</b>	<b>1.1</b>	<b>8.6</b>	<b>10.3</b>	<b>563.0</b>	<b>225.4</b>	<b>40.3</b>	<b>160.1</b>
Spyci CS	6.9	51.7	0.0	4.7	10.2	501.2	208.4	42.3	145.4
Karibous	7.1	27.8	2.1	6.4	10.5	563.5	218.4	39.1	155.5
SY Amboss	3.9	19.4	6.4	6.3	10.2	576.2	216.4	37.6	151.8
<b>Amanova</b>	<b>14.9</b>	<b>27.5</b>	<b>1.0</b>	<b>7.9</b>	<b>10.4</b>	<b>535.3</b>	<b>223.8</b>	<b>42.0</b>	<b>158.1</b>
SY Skandik	6.1	21.4	0.4	2.8	10.2	578.0	222.8	38.6	157.5
LG 31205	0.6	27.8	3.5	7.9	10.5	562.8	228.1	40.8	161.3
Rancador	15.6	33.1	0.9	7.0	10.1	560.7	224.5	40.5	157.8
KWS Colonnada	46.9	37.8	1.5	3.2	10.3	542.8	233.7	43.3	166.2
KWS Stefano	13.0	24.7	0.9	10.8	10.2	550.7	217.8	40.0	154.4
Mas 08.F	9.4	37.2	0.9	6.2	10.1	529.4	212.5	40.5	153.4
ES2821	3.5	27.8	2.0	3.6	9.5	599.0	233.1	39.1	166.2
Mantilla	3.9	37.8	1.8	4.2	10.5	560.2	229.6	41.0	161.1
LZM 166/73	2.7	31.7	0.7	2.0	10.1	554.6	225.5	41.0	162.5
LZM 167/39	0.6	39.2	2.6	6.3	10.6	560.6	226.6	40.5	160.4
KWS Salamandra	6.5	31.1	7.1	16.0	10.4	563.9	227.1	40.5	159.0
Amavit	4.8	33.9	0.8	7.9	10.3	559.7	223.3	40.2	156.3
KXB7127	14.1	36.1	7.9	6.8	10.5	636.0	234.3	37.4	163.6
KXB7307	9.4	29.2	2.5	6.6	10.2	610.3	234.6	38.6	166.4
KXB7313	22.8	32.2	0.9	5.4	10.4	565.9	238.6	42.4	170.6
RH17038	1.9	33.6	3.0	11.5	9.9	551.4	221.9	40.6	157.9
RH17036	3.3	27.2	1.1	6.7	10.2	551.4	218.7	39.7	154.6
Amaizi CS	4.8	53.3	0.8	6.5	10.0	475.8	210.6	44.6	146.3
Actual	39.3	57.2	0.4	3.2	10.2	472.2	205.5	44.6	145.3
DFI45213	9.2	49.2	6.9	4.8	9.8	555.5	223.4	40.8	154.3
Landlord	2.1	26.4	2.1	6.5	10.5	598.3	225.9	37.9	160.1
LG 30222	0.8	34.7	0.9	3.3	10.2	553.4	220.7	40.2	155.5
DKC 2978	4.1	33.1	3.6	9.5	10.0	526.9	205.3	39.4	144.9
Kaprilias	8.2	25.6	4.7	5.6	10.3	581.3	225.4	39.3	158.1
<b>Bezugsgrösse(n)</b>	<b>8.7</b>	<b>30.1</b>	<b>1.0</b>	<b>8.3</b>	<b>10.4</b>	<b>549.1</b>	<b>224.6</b>	<b>41.1</b>	<b>159.1</b>
<b>Versuchs-Mittel</b>	<b>9.0</b>	<b>33.6</b>	<b>2.3</b>	<b>6.5</b>	<b>10.2</b>	<b>556.1</b>	<b>222.4</b>	<b>40.4</b>	<b>157.2</b>
VK [%]	141.6	35.9	97.8	58.6	6.2	9.1	7.6	6.2	8.5
KGD (5%)	16.1	11.9	2.0	6.2	0.4	35.0	11.7	1.7	9.3
KGD (1%)	21.3	15.7	2.7		0.6	46.2	15.4	2.3	12.3
Versuchsstreuung	12.8	12.0	2.3	3.8	0.6	50.3	16.8	2.5	13.4
FG Fehlerterm	87.0	145.0	172.0	56.0	288.0	288.0	288.0	288.0	288.0
Anz. Beob.	5.0	8.0	10.0	3.0	16.0	16.0	16.0	16.0	16.0
Anz. Orte	2.0	3.0	4.0	1.0	6.0	6.0	6.0	6.0	6.0
Minimum	0.6	19.4	0.0	2.0	9.5	472.2	205.3	37.4	144.9
Maximum	46.9	57.2	7.9	16.0	10.6	636.0	238.6	44.6	170.6

Sorten Bezeichnung	Stärke- Ertrag dt/ha	VOS Gehalt NIR g/kg TS	Stärke Gehalt NIR g/kg TS	Rohfaser Gehalt NIR g/kg TS	NDF Gehalt NIR g/kg TS	Rohprotein Gehalt NIR g/kg TS	NEL Gehalt MJ/kg TS	NEV Gehalt MJ/kg TS
DKC 3333	73.9	718.9	351.0	154.8	361.5	63.1	6.6	6.8
<b>LG 31211</b>	<b>79.5</b>	<b>711.3</b>	<b>355.8</b>	<b>154.8</b>	<b>359.8</b>	<b>61.8</b>	<b>6.5</b>	<b>6.7</b>
Spyci CS	68.7	697.3	329.3	167.1	372.4	62.0	6.3	6.5
Karibous	78.4	712.3	359.8	153.9	359.3	65.4	6.5	6.7
SY Amboss	75.4	701.4	348.3	161.3	378.8	64.1	6.4	6.5
<b>Amanova</b>	<b>82.0</b>	<b>706.8</b>	<b>367.1</b>	<b>151.1</b>	<b>352.6</b>	<b>63.3</b>	<b>6.4</b>	<b>6.6</b>
SY Skandik	75.6	707.3	340.7	160.5	372.9	65.3	6.4	6.6
LG 31205	80.2	708.5	356.5	157.1	360.9	63.9	6.4	6.7
Rancador	73.7	702.2	329.2	163.0	373.3	61.6	6.4	6.5
KWS Colonnada	85.9	712.8	370.9	146.9	340.6	61.8	6.5	6.7
KWS Stefano	77.0	707.9	354.1	158.7	369.7	63.1	6.4	6.6
Mas 08.F	77.0	722.0	362.7	149.1	355.8	63.3	6.6	6.8
ES2821	75.8	713.1	326.5	161.8	368.0	64.2	6.5	6.7
Mantilla	77.6	702.8	336.2	165.6	375.9	63.0	6.4	6.6
LZM 166/73	81.8	720.6	363.1	150.3	341.3	64.3	6.6	6.8
LZM 167/39	79.5	710.2	351.8	156.4	350.0	64.6	6.5	6.7
KWS Salamandra	77.6	699.4	339.6	164.4	375.0	62.9	6.4	6.5
Amavit	77.1	700.8	346.0	164.9	375.5	66.6	6.4	6.5
KXB7127	78.4	698.4	333.3	166.6	381.4	65.8	6.3	6.5
KXB7307	81.6	710.1	348.2	157.3	360.1	64.5	6.5	6.7
KXB7313	86.6	714.3	362.7	147.4	346.5	62.9	6.5	6.7
RH17038	75.5	712.3	339.9	164.5	379.4	65.2	6.5	6.7
RH17036	73.6	708.3	337.1	168.3	386.4	65.5	6.4	6.6
Amaizi CS	66.4	696.6	317.2	171.9	390.7	62.5	6.3	6.5
Actual	71.9	706.7	349.3	159.7	374.5	61.1	6.4	6.6
DFI45213	73.3	691.1	328.3	165.6	374.1	63.2	6.2	6.4
Landlord	77.8	709.6	344.5	161.3	364.3	67.3	6.5	6.6
LG 30222	76.5	704.6	347.4	159.1	359.2	65.1	6.4	6.6
DKC 2978	70.1	706.4	342.3	164.4	371.6	65.4	6.4	6.6
Kaprilias	76.6	702.8	341.5	162.1	376.7	63.7	6.4	6.6
<b>Bezugsgrösse(n)</b>	<b>80.8</b>	<b>709.1</b>	<b>361.4</b>	<b>152.9</b>	<b>356.2</b>	<b>62.6</b>	<b>6.5</b>	<b>6.6</b>
<b>Versuchs-Mittel</b>	<b>76.8</b>	<b>707.2</b>	<b>346.0</b>	<b>159.7</b>	<b>366.9</b>	<b>63.9</b>	<b>6.4</b>	<b>6.6</b>
VK [%]	13.7	3.0	10.2	8.8	7.7	5.0	3.6	4.6
KGD (5%)	7.3	14.6	24.6	9.8	19.6	2.2	0.2	0.2
KGD (1%)	9.7	19.2	32.4	12.9	25.8	2.9		0.3
Versuchsstreuung	10.6	21.0	35.3	14.0	28.1	3.2	0.2	0.3
FG Fehlerterm	288.0	288.0	288.0	288.0	288.0	288.0	288.0	288.0
Anz. Beob.	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Anz. Orte	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Minimum	66.4	691.1	317.2	146.9	340.6	61.1	6.2	6.4
Maximum	86.6	722.0	370.9	171.9	390.7	67.3	6.6	6.8

## 3.1.6 Details / Détails

## Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	5643 Alikon AG
DKC 3333	4.2 -----	5.0 -----	2.2 -----	5.3 -----	3.5 ----
<b>LG 31211</b>	<b>3.2 -</b>	<b>4.3 ---</b>	<b>1.3 -</b>	<b>4.0 -</b>	<b>2.8 --</b>
Spyci CS	3.7 ----	4.3 ---	1.7 ---	5.3 -----	2.3 -
Karibous	3.6 ---	4.7 ----	1.8 ----	4.7 ----	3.3 ---
SY Amboss	4.3 -----	5.0 -----	2.2 -----	5.3 -----	3.5 ----
<b>Amanova</b>	<b>3.7 ----</b>	<b>4.3 ---</b>	<b>1.7 ---</b>	<b>4.3 --</b>	<b>3.3 ----</b>
SY Skandik	3.5 ---	5.0 -----	1.7 ---	5.0 -----	3.0 ---
LG 31205	3.5 ---	4.3 ---	1.7 ---	4.3 --	3.5 ----
Rancador	4.2 -----	5.0 -----	1.7 ---	5.0 -----	3.3 ---
KWS Colonnada	3.7 ----	4.7 ----	2.0 -----	4.3 --	3.3 ---
KWS Stefano	5.0 -----	6.3 -----	2.7 -----	5.3 -----	5.8 -----
Mas 08.F	4.5 -----	5.0 -----	2.0 -----	5.3 -----	3.6 ----
ES2821	4.0 ----	5.0 -----	2.2 -----	5.3 -----	3.2 ---
Mantilla	3.8 ----	4.7 ----	1.8 ----	5.3 -----	2.5 -
LZM 166/73	4.2 -----	5.3 -----	2.3 -----	5.7 -----	3.3 ---
LZM 167/39	3.6 ---	4.0 --	1.7 ---	4.3 --	3.0 ---
KWS Salamandra	3.5 ---	5.0 -----	2.2 -----	5.3 -----	3.0 ---
Amavit	3.7 ----	5.0 -----	2.0 -----	4.7 ----	3.2 ---
KXB7127	3.7 ----	4.7 ----	2.0 -----	5.0 -----	2.8 --
KXB7307	3.5 ---	4.3 ---	1.8 ----	5.0 -----	2.7 --
KXB7313	3.1 -	4.0 --	1.5 --	4.5 ---	2.7 --
RH17038	4.5 -----	5.3 -----	2.5 -----	6.0 -----	3.3 ---
RH17036	4.3 -----	5.0 -----	2.2 -----	5.0 -----	3.5 ----
Amaizi CS	3.6 ---	4.7 ----	1.5 --	5.3 -----	2.3 -
Actual	3.4 --	4.3 ---	1.3 -	4.0 -	2.7 --
DFI45213	3.0 -	4.7 ----	1.7 ---	4.0 -	2.3 -
Landlord	4.1 -----	4.7 ----	2.0 -----	5.3 -----	3.5 ----
LG 30222	3.2 -	3.7 -	1.7 ---	4.7 ----	2.5 -
DKC 2978	4.5 -----	5.7 -----	2.3 -----	4.5 ---	3.3 ---
Kaprilias	4.1 -----	5.0 -----	2.0 -----	5.3 -----	3.0 ---
<b>-Bezugsgrösse(n)</b>	<b>3.4 ---</b>	<b>4.3 ---</b>	<b>1.5 --</b>	<b>4.2 -</b>	<b>3.1 ---</b>
Versuchs-Mittel	3.8 -----	4.8 -----	1.9 -----	4.9 -----	3.1 ---
VK [%]	19.4	11.5	15.4	11.8	21.3
KGD (5%)	0.5	0.9	0.5	1.0	1.1
KGD (1%)	0.6	1.2	0.6	1.3	1.5
Versuchs-Streuung	0.7	0.5	0.3	0.6	0.7
FG Fehlerterm	345.0	58.0	58.0	56.0	58.0
Anz. Beob.	19.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	121.8	29	7.70 ***	1.50	0.0000
Anbauorte	563.9	6	172.32 ***	2.13	0.0000
WW Verf.*Anb.Orte	159.5	174	1.68 ***	1.24	0.0009
Fehler	188.2	345			
Insgesamt	1033.3	554			

## Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
DKC 3333	5.5	-----	4.0	----	3.8	-----
<b>LG 31211</b>	<b>3.3</b>	<b>---</b>	<b>4.0</b>	<b>----</b>	<b>2.5</b>	<b>--</b>
Spyci CS	4.5	-----	4.5	-----	3.5	-----
Karibous	4.8	-----	3.0	-	2.7	---
SY Amboss	5.0	-----	4.3	-----	4.7	-----
<b>Amanova</b>	<b>4.0</b>	<b>----</b>	<b>4.0</b>	<b>----</b>	<b>4.3</b>	<b>-----</b>
SY Skandik	3.5	---	3.5	---	3.2	---
LG 31205	2.5	--	5.5	-----	2.5	--
Rancador	6.5	-----	4.3	-----	3.3	-----
KWS Colonnada	4.0	----	3.3	--	4.0	-----
KWS Stefano	5.3	-----	4.3	-----	5.0	-----
Mas 08.F	6.0	-----	5.5	-----	4.3	-----
ES2821	5.5	-----	4.0	----	2.5	--
Mantilla	3.5	---	4.8	-----	4.0	-----
LZM 166/73	4.8	-----	4.3	-----	3.7	-----
LZM 167/39	5.0	-----	5.0	-----	2.0	-
KWS Salamandra	3.5	---	3.3	--	2.2	-
Amavit	3.8	---	3.5	---	3.5	-----
KXB7127	5.3	-----	3.3	--	2.8	---
KXB7307	3.8	---	4.0	-----	3.0	----
KXB7313	4.0	----	3.3	--	2.0	-
RH17038	5.5	-----	4.0	----	4.5	-----
RH17036	4.5	-----	5.0	-----	4.7	-----
Amaizi CS	4.0	----	4.5	-----	2.7	---
Actual	4.5	-----	3.5	---	3.2	----
DFI45213	2.0	-	3.3	--	3.3	-----
Landlord	6.5	-----	4.0	----	3.0	----
LG 30222	3.0	---	3.8	----	2.8	---
DKC 2978	6.5	-----	4.8	-----	4.2	-----
Kaprilias	4.5	-----	4.3	-----	4.3	-----
<b>-Bezugsgrösse(n)</b>	<b>3.6</b>	<b>---</b>	<b>4.0</b>	<b>----</b>	<b>3.4</b>	<b>-----</b>
Versuchs-Mittel	4.5	-----	4.1	-----	3.4	-----
VK [%]	21.2		13.5		35.7	
KGD (5%)	2.0		1.1		ns	
KGD (1%)	2.6		1.5		ns	
Versuchs-Streuung	1.0		0.5		1.2	
FG Fehlerterm	29.0		28.0		58.0	
Anz. Beob.	2.0		2.0		3.0	



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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
DKC 3333	73.8 -----	68.0 -	74.3 -----	76.0 -----	76.7 -----
<b>LG 31211</b>	<b>72.0 -</b>	<b>70.0 ----</b>	<b>71.0 ---</b>	<b>73.5 -</b>	<b>73.3 -</b>
Spyci CS	73.7 -----	70.3 -----	72.3 ----	75.5 ----	76.7 -----
Karibous	71.8 -	68.7 --	70.7 --	74.0 --	74.0 --
SY Amboss	74.9 -----	71.7 -----	73.7 -----	76.0 -----	78.3 -----
<b>Amanova</b>	<b>73.2 ----</b>	<b>70.0 ----</b>	<b>70.7 ---</b>	<b>75.5 ----</b>	<b>76.7 -----</b>
SY Skandik	73.6 -----	70.7 -----	72.3 ----	75.0 ----	76.3 -----
LG 31205	72.2 --	71.0 -----	70.0 -	73.0 -	74.7 ----
Rancador	72.6 ---	70.0 ----	71.3 ----	74.5 ---	74.7 ----
KWS Colonnada	72.8 ---	70.3 -----	71.3 ----	74.0 --	75.3 ----
KWS Stefano	73.5 ----	69.0 ---	72.7 -----	75.5 ----	77.0 -----
Mas 08.F	73.0 ----	70.3 -----	71.0 ---	75.0 ----	75.7 -----
ES2821	73.2 ----	68.5 --	72.7 -----	76.5 -----	75.0 ----
Mantilla	73.3 ----	69.0 ---	74.0 -----	74.5 --	75.7 -----
LZM 166/73	73.5 ----	72.0 -----	71.7 ----	75.5 ----	74.7 ----
LZM 167/39	72.2 --	69.0 ---	71.7 ----	75.0 ----	73.0 -
KWS Salamandra	73.8 -----	70.7 -----	74.3 -----	75.5 ----	74.7 ----
Amavit	73.6 -----	72.7 -----	71.3 ----	74.5 --	76.0 -----
KXB7127	75.3 -----	70.3 -----	75.3 -----	79.0 -----	76.7 -----
KXB7307	73.4 ----	71.7 -----	72.3 ----	75.0 ----	74.7 ----
KXB7313	72.0 -	70.0 ----	69.5 -	74.5 ---	74.0 --
RH17038	73.3 ----	69.0 ---	73.0 -----	75.5 ----	75.7 -----
RH17036	73.2 ----	69.0 ---	70.7 --	76.0 -----	77.0 -----
Amaizi CS	71.9 -	68.7 --	70.7 --	74.0 --	74.3 ---
Actual	72.9 ----	71.7 -----	71.0 ---	75.0 ----	74.0 --
DFI45213	73.0 ----	71.3 -----	72.3 ----	73.5 -	75.0 ----
Landlord	74.0 -----	70.3 -----	74.3 -----	77.0 -----	74.3 ---
LG 30222	73.0 ----	69.0 ---	73.3 -----	75.5 ----	74.0 --
DKC 2978	72.9 ----	69.7 ----	71.0 ---	76.0 -----	75.0 ----
Kaprilias	73.8 -----	71.0 -----	72.0 ----	75.5 ----	76.7 -----
<b>-Bezugsgrösse(n)</b>	<b>72.6 ---</b>	<b>70.0 ----</b>	<b>70.8 ---</b>	<b>74.5 ---</b>	<b>75.0 ----</b>
Versuchs-Mittel	73.2 ----	70.1 -----	72.1 ----	75.2 ----	75.3 -----
VK [%]	2.1	2.7	1.4	1.5	2.2
KGD (5%)	1.3	ns	1.6	2.3	2.7
KGD (1%)	1.7	ns	2.2	ns	ns
Versuchs-Streuung	1.5	1.9	1.0	1.1	1.7
FG Fehlerterm	200.0	57.0	56.0	29.0	58.0
Anz. Beob.	11.0	3.0	3.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	213.5	29	3.26 ***	1.52	0.0001
Anbauorte	1583.1	3	233.42 ***	2.65	0.0000
WW Verf.*Anb.Orte	301.5	87	1.53 ns	1.34	
Fehler	452.2	200			
Insgesamt	2550.3	319			

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
DKC 3333	73.0 ----	67.0 -	72.0 -----	76.5 ----	76.3 -----
<b>LG 31211</b>	<b>71.4 -</b>	<b>67.7 --</b>	<b>70.0 --</b>	<b>74.5 --</b>	<b>73.3 -</b>
Spyci CS	72.8 ----	67.7 --	71.7 ----	75.5 --	76.3 -----
Karibous	72.2 ---	68.3 ----	70.7 ---	75.0 --	74.7 ---
SY Amboss	74.6 -----	70.3 -----	72.7 -----	77.0 -----	78.3 -----
<b>Amanova</b>	<b>72.8 ----</b>	<b>67.7 --</b>	<b>71.0 ----</b>	<b>75.5 ---</b>	<b>77.0 -----</b>
SY Skandik	73.1 ----	69.0 ----	71.0 ----	75.0 --	77.3 -----
LG 31205	72.1 ---	70.0 -----	69.7 --	74.0 -	74.7 ---
Rancador	72.6 ---	68.0 ---	71.7 ----	75.5 ---	75.3 ----
KWS Colonnada	73.2 -----	68.7 ----	72.0 -----	76.0 ----	76.0 ----
KWS Stefano	74.3 -----	67.7 --	74.3 -----	77.0 -----	78.0 -----
Mas 08.F	72.2 ---	68.0 ---	69.7 --	75.5 ---	75.7 ----
ES2821	72.7 ---	67.0 -	72.3 ----	76.5 ----	75.0 ---
Mantilla	73.3 ----	67.0 -	74.3 ----	76.0 ---	76.0 ----
LZM 166/73	73.1 ----	71.3 -----	70.0 --	76.0 ---	75.0 ---
LZM 167/39	72.3 ---	67.7 --	71.7 ----	76.0 ----	73.7 -
KWS Salamandra	73.9 -----	68.7 ----	74.3 -----	76.5 ----	76.0 ----
Amavit	73.7 -----	69.7 -----	72.7 -----	75.5 ---	77.0 -----
KXB7127	75.0 -----	69.0 ----	74.7 -----	79.5 -----	76.7 -----
KXB7307	73.0 ----	68.0 ---	73.0 -----	76.0 ----	75.0 ----
KXB7313	72.2 ---	67.7 --	71.0 ----	75.0 --	75.0 ----
RH17038	72.9 ----	68.3 ----	72.0 -----	75.5 ---	75.7 ----
RH17036	73.5 ----	68.3 ----	71.3 ----	76.5 ----	77.7 -----
Amaizi CS	72.1 ---	67.7 --	70.3 ---	75.0 --	75.3 ----
Actual	71.8 --	69.0 ----	69.7 --	74.5 --	74.0 --
DFI45213	71.6 -	68.7 ----	69.0 -	74.0 -	74.7 ---
Landlord	73.0 ----	68.3 ----	72.0 -----	77.5 -----	74.3 ---
LG 30222	72.8 ----	69.0 ----	72.3 -----	75.0 --	74.7 ---
DKC 2978	72.5 ----	68.7 ----	70.0 --	75.5 ---	75.7 ----
Kaprilias	73.9 -----	68.7 ----	72.3 -----	77.5 -----	77.0 -----
<b>-Bezugsgrösse(n)</b>	<b>72.1 ---</b>	<b>67.7 --</b>	<b>70.5 ---</b>	<b>75.0 --</b>	<b>75.2 ----</b>
Versuchs-Mittel	72.9 ----	68.4 ----	71.6 -----	75.8 ----	75.7 -----
VK [%]	1.9	2.1	1.3	1.4	2.2
KGD (5%)	1.1	ns	1.5	2.2	2.8
KGD (1%)	1.5	ns	2.0	ns	ns
Versuchs-Streuung	1.4	1.4	0.9	1.1	1.7
FG Fehlerterm	200.0	57.0	56.0	29.0	58.0
Anz. Beob.	11.0	3.0	3.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	231.8	29	4.38 ***	1.52	0.0000
Anbauorte	3146.0	3	574.83 ***	2.65	0.0000
WW Verf.*Anb.Orte	265.9	87	1.68 ns	1.34	
Fehler	364.9	200			
Insgesamt	4008.5	319			

## Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
DKC 3333	224.0 -	198.3 ---	238.3 -	227.5 --	231.7 -
<b>LG 31211</b>	<b>255.8 -----</b>	<b>216.7 -----</b>	<b>285.0 -----</b>	<b>255.0 -----</b>	<b>266.7 -----</b>
Spyci CS	246.9 ----	208.3 ----	263.3 ----	252.5 ----	263.3 ----
Karibous	243.8 ---	200.0 ---	256.7 ---	265.0 ----	253.3 ---
SY Amboss	260.4 -----	220.0 -----	273.3 -----	275.0 -----	273.3 -----
<b>Amanova</b>	<b>261.0 -----</b>	<b>220.0 -----</b>	<b>276.7 -----</b>	<b>277.5 -----</b>	<b>270.0 -----</b>
SY Skandik	245.8 ----	203.3 ----	263.3 ----	265.0 -----	251.7 ----
LG 31205	273.3 -----	233.3 -----	278.3 -----	295.0 -----	286.7 -----
Rancador	257.1 -----	216.7 -----	281.7 -----	255.0 ----	275.0 -----
KWS Colonnada	241.0 ----	203.3 ----	266.7 ----	267.5 -----	226.7 -
KWS Stefano	260.0 -----	206.7 ----	271.7 -----	280.0 -----	281.7 -----
Mas 08.F	224.6 -	185.0 -	258.3 ----	220.0 -	235.0 --
ES2821	262.7 -----	223.3 -----	271.7 -----	262.5 ----	293.3 -----
Mantilla	273.8 -----	221.7 -----	291.7 -----	295.0 -----	286.7 -----
LZM 166/73	260.6 -----	208.3 ----	286.7 -----	267.5 ----	280.0 -----
LZM 167/39	276.5 -----	238.3 -----	285.0 -----	282.5 -----	300.0 -----
KWS Salamandra	265.8 -----	216.7 ----	276.7 -----	280.0 -----	290.0 -----
Amavit	264.2 -----	213.3 ----	283.3 -----	280.0 -----	280.0 -----
KXB7127	267.5 -----	228.3 -----	275.0 ----	280.0 -----	286.7 -----
KXB7307	255.8 ----	211.7 ----	273.3 ----	275.0 -----	263.3 ----
KXB7313	259.6 ----	220.0 ----	272.5 ----	267.5 ----	278.3 ----
RH17038	255.2 ----	215.0 ----	261.7 ----	267.5 ----	276.7 ----
RH17036	266.5 -----	225.0 -----	286.7 -----	272.5 -----	281.7 ----
Amaizi CS	251.3 ----	208.3 ----	270.0 ----	265.0 ----	261.7 ----
Actual	234.0 ---	196.7 ---	271.7 ----	237.5 ---	230.0 -
DFI45213	270.0 -----	231.7 -----	293.3 -----	290.0 -----	265.0 ----
Landlord	262.5 -----	211.7 ----	276.7 -----	285.0 -----	276.7 ----
LG 30222	244.8 ----	206.7 ----	253.3 ---	257.5 ----	261.7 ----
DKC 2978	251.7 ----	220.0 ----	275.0 ----	255.0 ----	256.7 ----
Kaprilias	257.1 ----	208.3 ----	265.0 ----	285.0 -----	270.0 -----
<b>-Bezugsgrösse(n)</b>	<b>258.4 -----</b>	<b>218.3 -----</b>	<b>280.8 -----</b>	<b>266.3 -----</b>	<b>268.3 -----</b>
Versuchs-Mittel	255.8 ----	213.9 ----	272.8 ----	268.0 ----	268.4 ----
VK [%]	5.2	4.8	4.3	4.8	6.4
KGD (5%)	11.3	16.7	19.3	26.6	28.3
KGD (1%)	14.9	22.2	25.7	35.8	37.6
Versuchs-Streuung	13.4	10.2	11.8	13.0	17.3
FG Fehlerterm	201.0	58.0	56.0	29.0	58.0
Anz. Beob.	11.0	3.0	3.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	55504.3	29	10.65 ***	1.52	0.0000
Anbauorte	194086.4	3	359.92 ***	2.65	0.0000
WW Verf.*Anb.Orte	21395.7	87	1.37 ns	1.34	
Fehler	36129.3	201			
Insgesamt	307115.7	320			

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
DKC 3333	105.2 --	83.3 --	108.3 -	137.5 -----	91.7 -
<b>LG 31211</b>	<b>102.7 --</b>	<b>86.7 ----</b>	<b>118.3 ----</b>	<b>102.5 -</b>	<b>103.3 ---</b>
Spyci CS	109.6 ----	83.3 --	120.0 ----	125.0 ----	110.0 ----
Karibous	118.1 -----	81.7 --	120.0 ----	152.5 -----	118.3 -----
SY Amboss	133.5 -----	105.0 -----	130.0 -----	162.5 -----	136.7 -----
<b>Amanova</b>	<b>122.3 -----</b>	<b>95.0 -----</b>	<b>133.3 -----</b>	<b>137.5 -----</b>	<b>123.3 -----</b>
SY Skandik	110.6 ----	85.0 ---	121.7 ----	137.5 -----	98.3 --
LG 31205	113.8 ----	95.0 -----	130.0 -----	120.0 ----	110.0 ----
Rancador	124.6 -----	91.7 -----	136.7 -----	135.0 ----	135.0 -----
KWS Colonnada	115.6 ----	85.0 ---	126.7 -----	137.5 -----	113.3 ----
KWS Stefano	122.7 -----	80.0 -	126.7 -----	147.5 -----	136.7 -----
Mas 08.F	97.9 -	78.3 -	106.7 -	115.0 --	91.7 -
ES2821	114.6 ----	86.7 ----	116.7 ----	130.0 ----	125.0 -----
Mantilla	122.9 -----	95.0 -----	131.7 -----	145.0 -----	120.0 -----
LZM 166/73	110.2 ----	80.0 -	106.7 -	137.5 -----	116.7 ----
LZM 167/39	117.7 -----	86.7 ----	121.7 ----	127.5 ----	135.0 -----
KWS Salamandra	125.8 -----	95.0 -----	133.3 -----	145.0 -----	130.0 -----
Amavit	127.5 -----	90.0 ----	135.0 -----	155.0 -----	130.0 -----
KXB7127	136.9 -----	101.7 -----	140.0 -----	172.5 -----	133.3 -----
KXB7307	128.1 -----	96.7 -----	135.0 -----	152.5 -----	128.3 -----
KXB7313	126.0 -----	100.0 -----	127.5 -----	150.0 -----	126.7 -----
RH17038	111.9 ----	88.3 ----	113.3 ---	127.5 ----	118.3 -----
RH17036	116.9 ----	93.3 ----	131.7 -----	132.5 ----	110.0 ----
Amaizi CS	103.5 --	80.0 -	113.3 ---	117.5 --	103.3 ---
Actual	102.7 --	91.7 ----	115.0 ---	97.5 -	106.7 ----
DFI45213	111.7 ----	81.7 --	121.7 ----	125.0 ----	118.3 -----
Landlord	124.8 -----	90.0 ----	131.7 -----	147.5 -----	130.0 -----
LG 30222	106.7 ---	86.7 ----	116.7 ----	120.0 ----	103.3 ---
DKC 2978	100.4 -	81.7 --	115.0 ---	105.0 --	100.0 --
Kaprilias	124.2 -----	85.0 ---	126.7 -----	155.0 -----	130.0 -----
<b>-Bezugsgrösse(n)</b>	<b>112.5 ----</b>	<b>90.8 ----</b>	<b>125.8 -----</b>	<b>120.0 ----</b>	<b>113.3 -----</b>
Versuchs-Mittel	116.3 -----	88.7 ----	123.7 -----	135.1 -----	117.8 -----
VK [%]	9.1	10.1	5.4	9.2	11.7
KGD (5%)	8.9	14.7	11.0	25.4	22.4
KGD (1%)	11.8	ns	14.6	34.2	29.9
Versuchs-Streuung	10.6	9.0	6.7	12.4	13.7
FG Fehlerterm	201.0	58.0	56.0	29.0	58.0
Anz. Beob.	11.0	3.0	3.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	33047.7	29	10.14 ***	1.52	0.0000
Anbauorte	96795.3	3	287.15 ***	2.65	0.0000
WW Verf.*Anb.Orte	18106.0	87	1.85 ***	1.34	0.0009
Fehler	22585.3	201			
Insgesamt	170534.3	320			

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
DKC 3333	46.8 -----	42.1 -----	45.5 -----	60.1 -----	39.6 -
<b>LG 31211</b>	<b>40.1 -</b>	<b>39.8 ---</b>	<b>41.6 ---</b>	<b>40.3 -</b>	<b>38.8 -</b>
Spyci CS	44.3 ----	40.0 ----	45.6 -----	49.7 ----	41.9 ---
Karibous	47.9 -----	40.9 -----	46.7 -----	57.5 -----	46.7 -----
SY Amboss	51.1 -----	47.7 -----	47.6 -----	58.9 -----	50.1 -----
<b>Amanova</b>	<b>46.7 -----</b>	<b>43.2 -----</b>	<b>48.2 -----</b>	<b>49.6 -----</b>	<b>45.7 -----</b>
SY Skandik	44.8 ----	41.8 -----	46.4 -----	52.0 -----	39.0 -
LG 31205	41.6 --	40.7 ----	46.7 -----	40.7 -	38.4 -
Rancador	48.2 -----	42.4 -----	48.5 -----	53.0 -----	49.1 -----
KWS Colonnada	48.4 -----	41.7 -----	47.5 -----	51.5 -----	52.9 -----
KWS Stefano	46.7 -----	38.7 ---	46.9 -----	52.8 -----	48.5 -----
Mas 08.F	43.8 ----	42.3 -----	41.3 ----	52.3 -----	39.1 -
ES2821	43.5 ----	38.8 ---	43.0 ----	49.6 ----	42.7 ----
Mantilla	44.6 ----	42.5 -----	45.2 -----	48.9 ----	41.8 ----
LZM 166/73	42.1 ---	38.4 ---	37.2 -	51.4 -----	41.5 ---
LZM 167/39	42.3 ---	36.3 -	42.7 ----	45.2 ---	45.0 ----
KWS Salamandra	47.2 -----	43.8 -----	48.2 -----	51.8 -----	44.9 -----
Amavit	47.9 -----	42.1 -----	47.8 -----	55.4 -----	46.4 -----
KXB7127	50.9 -----	44.6 -----	50.9 -----	61.6 -----	46.5 -----
KXB7307	49.8 -----	45.6 -----	49.4 -----	55.5 -----	48.7 -----
KXB7313	48.5 -----	45.5 -----	46.9 -----	56.1 -----	45.5 -----
RH17038	43.7 ----	41.1 ----	43.3 ----	47.6 ----	43.0 ----
RH17036	43.8 ----	41.5 ----	46.0 -----	48.6 ----	39.1 -
Amaizi CS	40.9 --	38.4 ---	42.0 ----	44.0 --	39.3 -
Actual	44.1 ----	46.6 -----	42.3 ----	41.1 -	46.3 -----
DFI45213	41.2 --	35.3 -	41.6 ----	43.4 --	44.6 -----
Landlord	47.3 -----	42.5 -----	47.6 -----	51.9 -----	47.1 -----
LG 30222	43.5 ----	41.9 -----	46.1 -----	46.6 ----	39.4 -
DKC 2978	39.7 -	36.8 --	41.8 ----	41.3 -	38.8 -
Kaprilias	47.8 -----	40.7 ----	48.0 -----	54.4 -----	48.1 -----
<b>-Bezugsgrösse(n)</b>	<b>43.4 ---</b>	<b>41.5 -----</b>	<b>44.9 -----</b>	<b>44.9 ---</b>	<b>42.3 ---</b>
Versuchs-Mittel	45.3 -----	41.5 -----	45.4 -----	50.4 -----	43.9 ----
VK [%]	9.0	8.6	5.6	9.1	11.9
KGD (5%)	3.4	5.8	4.2	9.4	8.6
KGD (1%)	4.5	ns	5.6	12.7	ns
Versuchs-Streuung	4.1	3.6	2.6	4.6	5.2
FG Fehlerterm	201.0	58.0	56.0	29.0	58.0
Anz. Beob.	11.0	3.0	3.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3192.4	29	6.68 ***	1.52	0.0000
Anbauorte	3533.2	3	71.48 ***	2.65	0.0000
WW Verf.*Anb.Orte	2248.7	87	1.57 ns	1.34	
Fehler	3311.7	201			
Insgesamt	12286.0	320			

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

Verfahren	Seriemittel	5643	Alikon AG
DKC 3333	1.0 -	1.0 -	
<b>LG 31211</b>	<b>1.2 -----</b>	<b>1.2 -----</b>	
Spyci CS	1.3 -----	1.3 -----	
Karibous	1.0 -	1.0 -	
SY Amboss	1.0 -	1.0 -	
<b>Amanova</b>	<b>1.2 -----</b>	<b>1.2 -----</b>	
SY Skandik	1.0 -	1.0 -	
LG 31205	1.0 -	1.0 -	
Rancador	1.1 ----	1.1 ----	
KWS Colonnada	1.0 -	1.0 -	
KWS Stefano	1.0 -	1.0 -	
Mas 08.F	1.2 -----	1.2 -----	
ES2821	1.3 -----	1.3 -----	
Mantilla	1.0 -	1.0 -	
LZM 166/73	1.3 -----	1.3 -----	
LZM 167/39	1.0 -	1.0 -	
KWS Salamandra	1.0 -	1.0 -	
Amavit	1.0 -	1.0 -	
KXB7127	1.0 -	1.0 -	
KXB7307	1.0 -	1.0 -	
KXB7313	1.0 -	1.0 -	
RH17038	1.0 -	1.0 -	
RH17036	1.0 -	1.0 -	
Amaizi CS	1.0 -	1.0 -	
Actual	1.1 ----	1.1 ----	
DFI45213	1.0 -	1.0 -	
Landlord	1.3 -----	1.3 -----	
LG 30222	1.0 -	1.0 -	
DKC 2978	1.0 -	1.0 -	
Kaprilias	1.0 -	1.0 -	
<b>-Bezugsgrösse(n)</b>	<b>1.2 -----</b>	<b>1.2 -----</b>	
Versuchs-Mittel	1.1 ---	1.1 ---	
VK [%]	21.7	21.7	
KGD (5%)	ns	ns	
KGD (1%)	ns	ns	
Versuchs-Streuung	0.2	0.2	
FG Fehlerterm	58.0	58.0	
Anz. Beob.	3.0	3.0	

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

Verfahren	Seriemittel		5643 Alikon AG	
DKC 3333	0.0	-	0.0	-
<b>LG 31211</b>	<b>2.1</b>	<b>-----</b>	<b>2.1</b>	<b>-----</b>
Spyci CS	4.2	-----	4.2	-----
Karibous	0.0	-	0.0	-
SY Amboss	0.0	-	0.0	-
<b>Amanova</b>	<b>2.1</b>	<b>-----</b>	<b>2.1</b>	<b>-----</b>
SY Skandik	0.0	-	0.0	-
LG 31205	0.0	-	0.0	-
Rancador	1.3	----	1.3	----
KWS Colonnada	0.0	-	0.0	-
KWS Stefano	0.0	-	0.0	-
Mas 08.F	2.5	-----	2.5	-----
ES2821	4.2	-----	4.2	-----
Mantilla	0.0	-	0.0	-
LZM 166/73	3.3	-----	3.3	-----
LZM 167/39	0.0	-	0.0	-
KWS Salamandra	0.0	-	0.0	-
Amavit	0.0	-	0.0	-
KXB7127	0.0	-	0.0	-
KXB7307	0.0	-	0.0	-
KXB7313	0.0	-	0.0	-
RH17038	0.0	-	0.0	-
RH17036	0.0	-	0.0	-
Amaizi CS	0.0	-	0.0	-
Actual	1.3	----	1.3	----
DFI45213	0.0	-	0.0	-
Landlord	4.2	-----	4.2	-----
LG 30222	0.0	-	0.0	-
DKC 2978	0.0	-	0.0	-
Kaprilias	0.0	-	0.0	-
<b>-Bezugsgrösse(n)</b>	<b>2.1</b>	<b>-----</b>	<b>2.1</b>	<b>-----</b>
Versuchs-Mittel	0.8	---	0.8	---
VK [%]	347.4		347.4	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	2.9		2.9	
FG Fehlerterm	58.0		58.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	5643		8046	
		Alikon AG		Reckenholz ZH	
DKC 3333	1.3 -	1.1 -	1.5 --		
<b>LG 31211</b>	<b>1.9 ---</b>	<b>2.3 ----</b>	<b>1.5 --</b>		
Spyci CS	2.9 ----	4.7 -----	1.1 -		
Karibous	2.0 ---	1.2 -	2.8 ----		
SY Amboss	3.0 -----	4.3 -----	1.7 --		
<b>Amanova</b>	<b>1.2 -</b>	<b>1.2 -</b>	<b>1.2 -</b>		
SY Skandik	2.7 ----	4.3 -----	1.1 -		
LG 31205	1.8 --	1.5 --	2.0 --		
Rancador	3.2 -----	2.4 ----	4.0 -----		
KWS Colonnada	2.2 ---	1.7 --	2.7 ----		
KWS Stefano	4.2 -----	1.8 ---	6.5 -----		
Mas 08.F	4.7 -----	4.3 -----	5.0 -----		
ES2821	2.1 ---	1.4 -	2.8 ----		
Mantilla	1.8 --	2.7 ----	1.0 -		
LZM 166/73	1.4 -	1.7 --	1.2 -		
LZM 167/39	1.5 --	1.6 --	1.5 --		
KWS Salamandra	2.6 ----	1.4 -	3.8 -----		
Amavit	3.2 -----	2.3 ----	4.0 -----		
KXB7127	3.3 -----	2.1 ---	4.5 -----		
KXB7307	2.2 ---	2.3 ----	2.0 --		
KXB7313	3.1 -----	1.3 -	4.9 -----		
RH17038	2.1 ---	2.0 ---	2.3 ---		
RH17036	3.2 -----	2.7 ----	3.8 -----		
Amaizi CS	2.0 ---	2.7 ----	1.4 -		
Actual	3.3 -----	2.5 ----	4.0 -----		
DFI45213	2.1 ---	2.7 ----	1.5 --		
Landlord	1.9 ---	2.3 ----	1.5 --		
LG 30222	1.6 --	1.7 --	1.5 --		
DKC 2978	1.7 --	1.8 ---	1.6 --		
Kaprilias	2.0 ---	1.2 -	2.8 ----		
<b>-Bezugsgrösse(n)</b>	<b>1.5 --</b>	<b>1.7 --</b>	<b>1.4 -</b>		
Versuchs-Mittel	2.4 ----	2.2 ----	2.6 ---		
VK [%]	65.0	66.9	65.5		
KGD (5%)	ns	ns	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	1.6	1.5	1.7		
FG Fehlerterm	87.0	58.0	29.0		
Anz. Beob.	5.0	3.0	2.0		

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	102.8	29	1.46 ns	1.60	0.0924
Anbauorte	3.7	1	1.51 ns	3.94	0.2217
WW Verf.*Anb.Orte	122.2	29	1.73 *	1.60	0.0266
Fehler	211.4	87			
Insgesamt	440.1	146			



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

Verfahren	Seriemittel	5643		8046	
		Alikon AG		Reckenholz ZH	
DKC 3333	4.0 -	1.7 -	6.3 --		
<b>LG 31211</b>	<b>11.0 ---</b>	<b>15.8 ----</b>	<b>6.3 --</b>		
Spyci CS	23.5 ----	45.8 -----	1.3 -		
Karibous	12.0 ---	2.1 -	21.9 ----		
SY Amboss	24.9 -----	41.7 -----	8.1 --		
<b>Amanova</b>	<b>2.5 -</b>	<b>2.5 -</b>	<b>2.5 -</b>		
SY Skandik	21.5 ----	41.7 -----	1.3 -		
LG 31205	9.4 --	6.3 --	12.5 --		
Rancador	27.7 -----	17.9 ----	37.5 -----		
KWS Colonnada	14.5 ---	8.3 --	20.6 ----		
KWS Stefano	39.6 -----	10.4 ---	68.8 -----		
Mas 08.F	45.8 -----	41.7 -----	50.0 -----		
ES2821	13.6 ---	5.4 -	21.9 ----		
Mantilla	10.4 --	20.8 ----	0.0 -		
LZM 166/73	5.1 -	8.3 --	1.9 -		
LZM 167/39	6.7 --	7.1 --	6.3 --		
KWS Salamandra	19.9 ----	5.4 -	34.4 -----		
Amavit	27.1 -----	16.7 ----	37.5 -----		
KXB7127	28.5 -----	13.3 ---	43.8 -----		
KXB7307	14.6 ---	16.7 ----	12.5 --		
KXB7313	26.1 -----	4.2 -	48.1 -----		
RH17038	14.1 ---	12.5 ---	15.6 ---		
RH17036	27.6 -----	20.8 ----	34.4 -----		
Amaizi CS	12.6 ---	20.8 ----	4.4 -		
Actual	28.1 -----	18.8 ----	37.5 -----		
DFI45213	13.5 ---	20.8 ----	6.3 --		
Landlord	11.5 ---	16.7 ----	6.3 --		
LG 30222	7.3 --	8.3 --	6.3 --		
DKC 2978	8.6 --	10.4 ---	6.9 --		
Kaprilias	12.0 ---	2.1 -	21.9 ----		
<b>-Bezugsgrösse(n)</b>	<b>6.8 --</b>	<b>9.2 --</b>	<b>4.4 -</b>		
Versuchs-Mittel	17.5 ----	15.5 ----	19.4 ---		
VK [%]	111.6	120.8	107.7		
KGD (5%)	ns	ns	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	19.5	18.7	20.9		
FG Fehlerterm	87.0	58.0	29.0		
Anz. Beob.	5.0	3.0	2.0		

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	16060.1	29	1.46 ns	1.60	0.0924
Anbauorte	575.3	1	1.51 ns	3.94	0.2217
WW Verf.*Anb.Orte	19095.7	29	1.73 *	1.60	0.0266
Fehler	33035.7	87			
Insgesamt	68766.8	146			

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

Verfahren	Seriemittel	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	1.2 -	1.1 -	1.3 -
<b>LG 31211</b>	<b>1.2 -</b>	<b>1.1 -</b>	<b>1.3 -</b>
Spyci CS	1.6 --	2.0 ---	1.1 -
Karibous	1.6 --	1.3 -	1.8 --
SY Amboss	1.3 -	1.1 -	1.6 --
<b>Amanova</b>	<b>2.2 ----</b>	<b>1.3 -</b>	<b>3.1 ----</b>
SY Skandik	1.5 --	1.4 --	1.6 --
LG 31205	1.1 -	1.0 -	1.1 -
Rancador	2.3 ----	2.0 ---	2.5 ---
KWS Colonnada	4.8 -----	3.0 -----	6.5 -----
KWS Stefano	2.0 ---	1.2 -	2.9 ----
Mas 08.F	1.8 --	2.0 ---	1.5 --
ES2821	1.3 -	1.1 -	1.5 --
Mantilla	1.3 -	1.1 -	1.6 --
LZM 166/73	1.2 -	1.3 -	1.1 -
LZM 167/39	1.1 -	1.0 -	1.1 -
KWS Salamandra	1.5 --	1.0 -	2.0 --
Amavit	1.4 --	1.1 -	1.7 --
KXB7127	2.1 ----	1.0 -	3.3 -----
KXB7307	1.8 --	1.0 -	2.5 ---
KXB7313	2.8 -----	1.4 --	4.3 -----
RH17038	1.2 -	1.0 -	1.3 -
RH17036	1.3 -	1.0 -	1.5 --
Amaizi CS	1.4 --	1.2 -	1.6 --
Actual	4.1 -----	5.0 -----	3.3 ----
DFI45213	1.7 --	2.4 ----	1.1 -
Landlord	1.2 -	1.3 -	1.0 -
LG 30222	1.1 -	1.0 -	1.1 -
DKC 2978	1.3 -	1.0 -	1.7 --
Kaprilias	1.7 --	1.1 -	2.3 ---
<b>-Bezugsgrösse(n)</b>	<b>1.7 --</b>	<b>1.2 -</b>	<b>2.2 --</b>
Versuchs-Mittel	1.7 --	1.5 --	2.0 --
VK [%]	59.4	74.5	44.8
KGD (5%)	1.3	1.8	1.8
KGD (1%)	1.7	ns	2.5
Versuchs-Streuung	1.0	1.1	0.9
FG Fehlerterm	87.0	58.0	29.0
Anz. Beob.	5.0	3.0	2.0

**Varianz-Analyse**

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	105.5	29	3.48 ***	1.60	0.0001
Anbauorte	10.9	1	10.45 **	3.94	0.0017
WW Verf.*Anb.Orte	44.3	29	1.46 ns	1.60	0.0913
Fehler	90.9	87			
Insgesamt	251.6	146			

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

Verfahren	Seriemittel	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	2.0 -	0.8 -	3.1 -
<b>LG 31211</b>	<b>2.5 -</b>	<b>1.3 -</b>	<b>3.8 -</b>
Spyci CS	6.9 --	12.5 ---	1.3 -
Karibous	7.1 --	4.2 -	10.0 --
SY Amboss	3.9 -	0.8 -	6.9 --
<b>Amanova</b>	<b>14.9 ----</b>	<b>4.2 -</b>	<b>25.6 ----</b>
SY Skandik	6.1 --	5.4 --	6.9 --
LG 31205	0.6 -	0.0 -	1.3 -
Rancador	15.6 ----	12.5 ---	18.8 ---
KWS Colonnada	46.9 -----	25.0 -----	68.8 -----
KWS Stefano	13.0 ---	2.9 -	23.1 ----
Mas 08.F	9.4 --	12.5 ---	6.3 --
ES2821	3.5 -	0.8 -	6.3 --
Mantilla	3.9 -	0.8 -	6.9 --
LZM 166/73	2.7 -	4.2 -	1.3 -
LZM 167/39	0.6 -	0.0 -	1.3 -
KWS Salamandra	6.5 --	0.4 -	12.5 --
Amavit	4.8 --	0.8 -	8.8 --
KXB7127	14.1 ----	0.0 -	28.1 -----
KXB7307	9.4 --	0.0 -	18.8 ---
KXB7313	22.8 -----	5.0 --	40.6 -----
RH17038	1.9 -	0.0 -	3.8 -
RH17036	3.3 -	0.4 -	6.3 --
Amaizi CS	4.8 --	2.1 -	7.5 --
Actual	39.3 -----	50.4 -----	28.1 ----
DFI45213	9.2 --	17.1 ----	1.3 -
Landlord	2.1 -	4.2 -	0.0 -
LG 30222	0.8 -	0.4 -	1.3 -
DKC 2978	4.1 -	0.0 -	8.1 --
Kaprilias	8.2 --	0.8 -	15.6 ---
<b>-Bezugsgrösse(n)</b>	<b>8.7 --</b>	<b>2.7 -</b>	<b>14.7 ---</b>
Versuchs-Mittel	9.0 --	5.7 --	12.4 --
VK [%]	141.6	239.1	89.9
KGD (5%)	16.1	22.1	22.8
KGD (1%)	21.3	ns	30.7
Versuchs-Streuung	12.8	13.5	11.1
FG Fehlerterm	87.0	58.0	29.0
Anz. Beob.	5.0	3.0	2.0

#### Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	16485.6	29	3.48 ***	1.60	0.0001
Anbauorte	1705.1	1	10.45 **	3.94	0.0017
WW Verf.*Anb.Orte	6916.8	29	1.46 ns	1.60	0.0913
Fehler	14200.3	87			
Insgesamt	39307.8	146			

## Surface foliaire sèche [%] / dürre Blattfläche [%]

Verfahren	Seriemittel	5643 Alikon AG	8193 Eglisau ZH	8566 Ellighausen TG
DKC 3333	26.7 ---	28.3 --	15.0 --	36.7 ----
<b>LG 31211</b>	<b>32.8 ----</b>	<b>26.7 --</b>	<b>25.0 -----</b>	<b>46.7 -----</b>
Spyci CS	51.7 -----	61.7 -----	25.0 -----	68.3 -----
Karibous	27.8 ---	26.7 --	15.0 --	41.7 ----
SY Amboss	19.4 -	20.0 -	15.0 --	23.3 -
<b>Amanova</b>	<b>27.5 ---</b>	<b>30.0 ---</b>	<b>17.5 ---</b>	<b>35.0 ---</b>
SY Skandik	21.4 -	20.0 -	17.5 ---	26.7 -
LG 31205	27.8 ---	28.3 --	15.0 --	40.0 ----
Rancador	33.1 ----	40.0 -----	12.5 -	46.7 -----
KWS Colonnada	37.8 -----	45.0 -----	15.0 --	53.3 -----
KWS Stefano	24.7 --	25.0 --	12.5 -	36.7 ----
Mas 08.F	37.2 -----	56.7 -----	15.0 --	40.0 ----
ES2821	27.8 ---	26.7 --	20.0 ---	36.7 ----
Mantilla	37.8 ----	53.3 -----	15.0 --	45.0 ----
LZM 166/73	31.7 ----	31.7 ---	20.0 ---	43.3 ----
LZM 167/39	39.2 -----	38.3 ----	17.5 ---	61.7 -----
KWS Salamandra	31.1 ----	33.3 ---	15.0 --	45.0 ----
Amavit	33.9 ----	26.7 --	25.0 -----	50.0 -----
KXB7127	36.1 ----	26.7 --	20.0 ---	61.7 -----
KXB7307	29.2 ---	31.7 ---	12.5 -	43.3 ----
KXB7313	32.2 ----	38.3 ----	15.0 --	43.3 ----
RH17038	33.6 ----	25.0 --	17.5 ---	58.3 -----
RH17036	27.2 ---	28.3 --	15.0 --	38.3 ----
Amaizi CS	53.3 -----	61.7 -----	35.0 -----	63.3 -----
Actual	57.2 -----	68.3 -----	35.0 -----	68.3 -----
DFI45213	49.2 -----	65.0 -----	27.5 -----	55.0 -----
Landlord	26.4 --	25.0 --	17.5 ---	36.7 ----
LG 30222	34.7 ----	36.7 ----	22.5 -----	45.0 ----
DKC 2978	33.1 ----	40.0 ----	17.5 ---	41.7 ----
Kaprilias	25.6 --	25.0 --	20.0 ---	31.7 --
<b>-Bezugsgrösse(n)</b>	<b>30.1 ---</b>	<b>28.3 --</b>	<b>21.3 ----</b>	<b>40.8 ----</b>
Versuchs-Mittel	33.6 ----	36.3 ----	18.9 ---	45.4 -----
VK [%]	35.9	35.8	27.5	29.5
KGD (5%)	11.9	21.2	10.7	21.9
KGD (1%)	15.7	28.3	14.4	29.2
Versuchs-Streuung	12.0	13.0	5.2	13.4
FG Fehlerterm	145.0	58.0	29.0	58.0
Anz. Beob.	8.0	3.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	19265.5	29	4.59 ***	1.55	0.0000
Anbauorte	29068.7	2	100.32 ***	3.05	0.0000
WW Verf.*Anb.Orte	8969.6	58	1.07 ns	1.42	0.3711
Fehler	21008.2	145			
Insgesamt	78312.0	234			

## Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	3065 Habstetten	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
DKC 3333	1.6 ---	1.5 --	0.8 -	2.6 ---	1.2 ----
<b>LG 31211</b>	<b>1.1 --</b>	<b>2.0 ---</b>	<b>0.8 -</b>	<b>1.6 --</b>	<b>0.0 -</b>
Spyci CS	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
Karibous	2.1 ---	4.2 ----	3.8 --	0.0 -	0.5 --
SY Amboss	6.4 -----	6.4 -----	11.2 -----	5.0 ----	3.2 -----
<b>Amanova</b>	<b>1.0 --</b>	<b>1.6 --</b>	<b>2.3 --</b>	<b>0.0 -</b>	<b>0.0 -</b>
SY Skandik	0.4 -	0.0 -	1.6 -	0.0 -	0.0 -
LG 31205	3.5 ----	3.8 ----	8.9 ----	0.0 -	1.0 ---
Rancador	0.9 --	1.8 --	0.7 -	0.9 -	0.0 -
KWS Colonnada	1.5 ---	4.5 ----	0.7 -	0.0 -	1.0 ---
KWS Stefano	0.9 --	0.7 -	2.2 --	0.0 -	0.6 --
Mas 08.F	0.9 --	0.7 -	0.7 -	1.7 --	0.5 --
ES2821	2.0 ---	4.7 ----	3.3 --	0.0 -	0.0 -
Mantilla	1.8 ---	3.8 ----	1.7 -	1.7 --	0.0 -
LZM 166/73	0.7 --	0.7 -	0.8 -	0.9 -	0.5 --
LZM 167/39	2.6 ----	3.2 ----	6.1 ----	0.0 -	1.1 ----
KWS Salamandra	7.1 -----	7.1 -----	20.5 -----	0.0 -	1.0 ---
Amavit	0.8 --	1.6 --	1.6 -	0.0 -	0.0 -
KXB7127	7.9 -----	7.3 -----	10.4 -----	13.7 -----	0.0 -
KXB7307	2.5 ----	4.0 ----	5.6 ---	0.0 -	0.6 --
KXB7313	0.9 --	1.5 --	1.5 -	0.0 -	0.5 --
RH17038	3.0 ----	2.1 ---	4.6 ---	1.8 --	3.6 -----
RH17036	1.1 --	0.3 -	1.7 -	1.6 --	0.5 --
Amaizi CS	0.8 --	0.7 -	0.8 -	1.9 --	0.0 -
Actual	0.4 -	1.7 --	0.0 -	0.0 -	0.0 -
DFI45213	6.9 -----	9.9 -----	12.4 -----	3.6 ---	1.7 ----
Landlord	2.1 ---	2.9 ----	2.3 --	0.8 -	2.5 -----
LG 30222	0.9 --	1.0 --	2.4 --	0.0 -	0.0 -
DKC 2978	3.6 ----	3.2 ----	4.8 ---	6.6 ----	0.0 -
Kaprilias	4.7 -----	5.9 -----	11.3 -----	0.9 -	0.5 --
<b>-Bezugsgrösse(n)</b>	<b>1.0 --</b>	<b>1.8 --</b>	<b>1.5 -</b>	<b>0.8 -</b>	<b>0.0 -</b>
Versuchs-Mittel	2.3 ----	3.0 ----	4.2 ---	1.5 --	0.7 --
VK [%]	97.8	83.4	85.4	103.9	207.9
KGD (5%)	2.0	4.0	7.3	3.2	ns
KGD (1%)	2.7	5.3	9.9	4.3	ns
Versuchs-Streuung	2.3	2.5	3.6	1.6	1.4
FG Fehlerterm	172.0	56.0	29.0	29.0	58.0
Anz. Beob.	10.0	3.0	2.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1374.3	29	9.07 ***	1.53	0.0000
Anbauorte	541.3	3	34.55 ***	2.66	0.0000
WW Verf.*Anb.Orte	1361.4	87	3.00 ***	1.35	0.0001
Fehler	898.2	172			
Insgesamt	4175.2	291			

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

Verfahren	Seriemittel		3065 Habstetten	
DKC 3333	6.1	---	6.1	---
<b>LG 31211</b>	<b>8.6</b>	<b>----</b>	<b>8.6</b>	<b>----</b>
Spyci CS	4.7	---	4.7	---
Karibous	6.4	----	6.4	----
SY Amboss	6.3	----	6.3	----
<b>Amanova</b>	<b>7.9</b>	<b>----</b>	<b>7.9</b>	<b>----</b>
SY Skandik	2.8	-	2.8	-
LG 31205	7.9	----	7.9	----
Rancador	7.0	----	7.0	----
KWS Colonnada	3.2	-	3.2	-
KWS Stefano	10.8	-----	10.8	-----
Mas 08.F	6.2	----	6.2	----
ES2821	3.6	--	3.6	--
Mantilla	4.2	--	4.2	--
LZM 166/73	2.0	-	2.0	-
LZM 167/39	6.3	----	6.3	----
KWS Salamandra	16.0	-----	16.0	-----
Amavit	7.9	----	7.9	----
KXB7127	6.8	----	6.8	----
KXB7307	6.6	----	6.6	----
KXB7313	5.4	---	5.4	---
RH17038	11.5	-----	11.5	-----
RH17036	6.7	----	6.7	----
Amaizi CS	6.5	----	6.5	----
Actual	3.2	-	3.2	-
DFI45213	4.8	---	4.8	---
Landlord	6.5	----	6.5	----
LG 30222	3.3	--	3.3	--
DKC 2978	9.5	-----	9.5	-----
Kaprilias	5.6	---	5.6	---
<b>-Bezugsgrösse(n)</b>	<b>8.3</b>	<b>----</b>	<b>8.3</b>	<b>----</b>
Versuchs-Mittel	6.5	----	6.5	----
VK [%]	58.6		58.1	
KGD (5%)	6.2		6.2	
KGD (1%)	ns		ns	
Versuchs-Streuung	3.8		3.8	
FG Fehlerterm	56.0		56.0	
Anz. Beob.	3.0		3.0	

**Densité [plantes/m<sup>2</sup>] / Bestandesdichte [Pflanzen/m<sup>2</sup>]**

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	9.8 ---	10.3 -----	8.8 -	10.3 -----	10.2 -----
<b>LG 31211</b>	<b>10.3 -----</b>	<b>10.3 -----</b>	<b>10.1 -----</b>	<b>10.6 -----</b>	<b>10.0 -----</b>
Spyci CS	10.2 -----	10.3 -----	9.9 -----	10.6 -----	10.3 -----
Karibous	10.5 -----	10.3 -----	10.4 -----	10.1 -----	10.9 -----
SY Amboss	10.2 -----	10.3 -----	10.0 -----	10.2 -----	9.4 -
<b>Amanova</b>	<b>10.4 -----</b>	<b>10.0 -----</b>	<b>10.1 -----</b>	<b>10.1 -----</b>	<b>10.6 -----</b>
SY Skandik	10.2 -----	9.9 -----	10.5 -----	10.0 -----	10.9 -----
LG 31205	10.5 -----	10.3 -----	10.4 -----	9.9 -----	11.0 -----
Rancador	10.1 -----	10.3 -----	9.7 -----	9.7 -----	10.8 -----
KWS Colonnada	10.3 -----	8.8 -	10.4 -----	10.9 -----	11.0 -----
KWS Stefano	10.2 -----	10.3 -----	10.2 -----	10.0 -----	10.8 -----
Mas 08.F	10.1 -----	10.3 -----	9.8 -----	9.7 -----	10.7 -----
ES2821	9.5 -	10.1 -----	9.2 ---	9.1 -	10.3 -----
Mantilla	10.5 -----	10.3 -----	10.2 -----	11.0 -----	10.4 -----
LZM 166/73	10.1 -----	10.1 -----	9.9 -----	10.1 -----	10.5 -----
LZM 167/39	10.6 -----	10.3 -----	10.3 -----	11.0 -----	11.1 -----
KWS Salamandra	10.4 -----	10.3 -----	10.4 -----	10.3 -----	11.0 -----
Amavit	10.3 -----	10.3 -----	10.2 -----	10.9 -----	10.5 -----
KXB7127	10.5 -----	10.3 -----	10.3 -----	10.9 -----	10.7 -----
KXB7307	10.2 -----	10.3 -----	10.1 -----	10.6 -----	10.4 -----
KXB7313	10.4 -----	10.3 -----	10.1 -----	10.6 -----	10.6 -----
RH17038	9.9 ----	9.7 -----	9.6 ----	9.6 ---	10.6 -----
RH17036	10.2 -----	10.3 -----	10.1 -----	10.1 -----	10.2 -----
Amaizi CS	10.0 -----	10.1 -----	10.3 -----	9.6 ---	10.3 -----
Actual	10.2 -----	10.1 -----	9.6 ----	10.3 -----	11.2 -----
DFI45213	9.8 ----	9.9 -----	9.7 -----	10.0 -----	9.9 ---
Landlord	10.5 -----	10.3 -----	10.3 -----	11.0 -----	10.7 -----
LG 30222	10.2 -----	10.1 -----	10.1 -----	10.0 -----	10.2 -----
DKC 2978	10.0 -----	10.3 -----	9.5 ----	9.5 ---	10.8 -----
Kaprilias	10.3 -----	10.1 -----	10.2 -----	9.9 -----	11.0 -----
<b>-Bezugsgrösse(n)</b>	<b>10.4 -----</b>	<b>10.1 -----</b>	<b>10.1 -----</b>	<b>10.4 -----</b>	<b>10.3 -----</b>
Versuchs-Mittel	10.2 -----	10.1 -----	10.0 -----	10.2 -----	10.6 -----
VK [%]	6.2	4.7	3.7	9.9	6.0
KGD (5%)	0.4	ns	0.6	ns	ns
KGD (1%)	0.6	ns	0.8	ns	ns
Versuchs-Streuung	0.6	0.5	0.4	1.0	0.6
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

**Varianz-Analyse**

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	29.7	29	2.56 ***	1.51	0.0004
Anbauorte	15.2	5	7.62 ***	2.25	0.0000
WW Verf.*Anb.Orte	52.9	145	0.91 ns	1.26	
Fehler	115.0	288			
Insgesamt	212.8	467			

**Densité [plantes/m<sup>2</sup>] / Bestandesdichte [Pflanzen/m<sup>2</sup>]**

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG
DKC 3333	9.9 ----	9.2 -
<b>LG 31211</b>	<b>10.7 -----</b>	<b>10.3 -----</b>
Spyci CS	10.0 ----	10.3 -----
Karibous	10.3 -----	10.8 -----
SY Amboss	10.3 -----	10.9 -----
<b>Amanova</b>	<b>11.1 -----</b>	<b>10.6 -----</b>
SY Skandik	9.6 ---	10.5 -----
LG 31205	11.0 -----	10.3 -----
Rancador	9.9 ----	10.2 ----
KWS Colonnada	10.0 -----	10.4 -----
KWS Stefano	9.3 --	10.4 -----
Mas 08.F	10.1 -----	10.2 -----
ES2821	8.9 -	9.2 -
Mantilla	10.4 -----	10.8 -----
LZM 166/73	9.8 ----	10.2 -----
LZM 167/39	11.1 -----	10.1 -----
KWS Salamandra	10.1 -----	10.1 -----
Amavit	10.0 -----	10.1 -----
KXB7127	10.0 -----	10.7 -----
KXB7307	9.9 ----	10.1 -----
KXB7313	10.4 -----	10.6 -----
RH17038	9.7 ---	10.1 -----
RH17036	9.9 ----	10.6 -----
Amaizi CS	9.9 ----	9.7 ---
Actual	9.9 ----	10.3 -----
DFI45213	9.3 --	10.1 -----
Landlord	10.7 -----	9.8 ---
LG 30222	10.2 -----	10.3 -----
DKC 2978	9.9 ----	10.0 -----
Kaprilias	9.9 ----	10.4 -----
<b>-Bezugsgrösse(n)</b>	<b>10.9 -----</b>	<b>10.5 -----</b>
Versuchs-Mittel	10.1 -----	10.2 -----
VK [%]	3.9	5.4
KGD (5%)	0.8	ns
KGD (1%)	1.1	ns
Versuchs-Streuung	0.4	0.6
FG Fehlerterm	29.0	58.0
Anz. Beob.	2.0	3.0



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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	541.8 ----	576.3 -----	446.5 -	527.7 ----	727.6 -----
<b>LG 31211</b>	<b>563.0 -----</b>	<b>624.4 -----</b>	<b>537.0 -----</b>	<b>572.1 -----</b>	<b>711.5 -----</b>
Spyci CS	501.2 --	510.3 ----	490.3 ---	481.6 ---	629.3 ----
Karibous	563.5 -----	565.1 -----	525.4 -----	604.6 -----	676.5 -----
SY Amboss	576.2 -----	616.6 -----	559.7 -----	645.1 -----	582.6 --
<b>Amanova</b>	<b>535.3 ----</b>	<b>580.6 -----</b>	<b>511.3 ----</b>	<b>568.9 -----</b>	<b>540.7 -</b>
SY Skandik	578.0 -----	570.2 -----	520.8 -----	606.8 -----	674.2 ----
LG 31205	562.8 -----	557.5 -----	508.1 -----	572.4 -----	786.2 -----
Rancador	560.7 -----	561.1 -----	519.1 -----	584.2 -----	705.9 -----
KWS Colonnada	542.8 -----	545.7 -----	531.9 -----	496.1 ---	696.7 -----
KWS Stefano	550.7 -----	521.8 -----	496.8 ---	553.5 -----	755.4 -----
Mas 08.F	529.4 ----	583.7 -----	477.1 ---	510.0 ----	654.2 ----
ES2821	599.0 -----	605.4 -----	520.1 -----	656.2 -----	645.4 ---
Mantilla	560.2 -----	603.7 -----	534.5 -----	578.6 -----	607.5 ----
LZM 166/73	554.6 -----	583.7 -----	523.6 -----	596.6 -----	641.2 ----
LZM 167/39	560.6 -----	575.9 -----	525.1 -----	601.4 -----	712.2 -----
KWS Salamandra	563.9 -----	600.3 -----	506.6 -----	631.0 -----	620.6 ---
Amavit	559.7 -----	570.1 -----	541.0 -----	581.8 -----	735.8 -----
KXB7127	636.0 -----	686.5 -----	559.3 -----	685.6 -----	817.6 -----
KXB7307	610.3 -----	607.0 -----	597.8 -----	616.7 -----	746.8 -----
KXB7313	565.9 -----	626.2 -----	501.7 ---	590.9 -----	615.9 ---
RH17038	551.4 -----	593.4 -----	475.7 ---	612.9 -----	627.3 ----
RH17036	551.4 -----	600.9 -----	505.0 ---	603.4 -----	554.8 -
Amaizi CS	475.8 -	414.6 -	463.8 --	488.2 ---	613.2 ---
Actual	472.2 -	522.7 ----	486.6 ---	390.8 -	623.9 ----
DFI45213	555.5 -----	636.1 -----	508.5 -----	488.6 ---	678.2 -----
Landlord	598.3 -----	549.1 -----	559.1 -----	633.4 -----	749.0 -----
LG 30222	553.4 -----	566.8 -----	477.8 ---	589.1 -----	661.2 ----
DKC 2978	526.9 ----	589.0 -----	455.5 -	516.5 ----	613.5 ---
Kaprilias	581.3 -----	579.8 -----	502.2 ----	617.3 -----	787.2 -----
<b>-Bezugsgrösse(n)</b>	<b>549.1 ----</b>	<b>602.5 -----</b>	<b>524.2 -----</b>	<b>570.5 -----</b>	<b>626.1 ----</b>
Versuchs-Mittel	556.1 -----	577.5 -----	512.3 ----	573.4 -----	673.1 ----
VK [%]	9.1	8.6	8.3	7.9	11.4
KGD (5%)	35.0	80.8	69.3	74.5	ns
KGD (1%)	46.2	107.5	ns	99.1	ns
Versuchs-Streuung	50.3	49.4	42.4	45.5	77.1
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	540644.3	29	7.35 ***	1.51	0.0000
Anbauorte	1990939.	5	157.08 ***	2.25	0.0000
	2				
WW Verf.*Anb.Orte	672942.2	145	1.83 ***	1.26	0.0007
Fehler	730045.2	288			
Insgesamt	3934570.	467			
	9				

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	461.9	----	510.9	----
<b>LG 31211</b>	<b>421.8</b>	<b>---</b>	<b>511.0</b>	<b>----</b>
Spyci CS	448.5	---	446.8	--
Karibous	473.2	-----	536.0	-----
SY Amboss	445.2	----	608.0	-----
<b>Amanova</b>	<b>475.9</b>	<b>-----</b>	<b>534.3</b>	<b>-----</b>
SY Skandik	529.9	-----	566.2	-----
LG 31205	432.9	----	519.8	-----
Rancador	457.5	-----	536.2	-----
KWS Colonnada	473.1	-----	513.4	-----
KWS Stefano	448.8	----	527.9	-----
Mas 08.F	431.4	---	520.2	-----
ES2821	554.9	-----	611.9	-----
Mantilla	461.3	----	575.7	-----
LZM 166/73	459.7	-----	522.6	-----
LZM 167/39	424.6	---	524.5	-----
KWS Salamandra	488.5	-----	536.3	-----
Amavit	431.9	---	497.5	----
KXB7127	503.6	-----	563.1	-----
KXB7307	486.1	-----	607.2	-----
KXB7313	490.1	-----	570.6	-----
RH17038	506.0	-----	492.9	----
RH17036	494.7	-----	549.7	-----
Amaizi CS	384.5	-	490.2	----
Actual	381.8	-	427.6	-
DFI45213	520.6	-----	501.2	-----
Landlord	488.7	-----	610.3	-----
LG 30222	490.0	-----	535.6	-----
DKC 2978	487.2	-----	499.8	-----
Kaprilias	442.3	----	558.9	-----
<b>-Bezugsgrösse(n)</b>	<b>448.8</b>	<b>----</b>	<b>522.6</b>	<b>-----</b>
Versuchs-Mittel	466.6	-----	533.6	-----
VK [%]	5.2		10.4	
KGD (5%)	49.2		90.7	
KGD (1%)	66.3		ns	
Versuchs-Streuung	24.0		55.5	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	210.4 --	194.1 ----	190.8 --	232.2 ----	247.7 ----
<b>LG 31211</b>	<b>225.4 -----</b>	<b>216.0 -----</b>	<b>232.1 -----</b>	<b>243.2 -----</b>	<b>265.8 -----</b>
Spyci CS	208.4 --	198.6 ----	203.0 ----	230.4 --	236.7 --
Karibous	218.4 ----	191.4 --	205.6 ----	245.9 ----	241.9 ----
SY Amboss	216.4 ----	211.5 -----	219.8 -----	253.6 -----	208.1 -
<b>Amanova</b>	<b>223.8 -----</b>	<b>220.3 -----</b>	<b>218.0 -----</b>	<b>251.4 -----</b>	<b>224.2 --</b>
SY Skandik	222.8 -----	197.4 ----	199.4 ----	244.3 ----	253.1 ----
LG 31205	228.1 -----	209.0 -----	215.8 -----	237.8 ----	307.7 -----
Rancador	224.5 -----	203.7 ----	211.2 ----	253.4 ----	253.3 ----
KWS Colonnada	233.7 -----	193.4 --	222.7 -----	230.9 --	317.2 -----
KWS Stefano	217.8 ----	193.7 --	203.1 ----	225.1 --	261.9 ----
Mas 08.F	212.5 --	213.0 -----	210.6 ----	233.3 --	237.0 --
ES2821	233.1 -----	216.4 -----	215.3 ----	261.9 -----	232.3 --
Mantilla	229.6 -----	220.9 -----	227.4 -----	265.6 -----	245.3 ----
LZM 166/73	225.5 -----	206.2 ----	219.5 -----	252.3 ----	239.1 --
LZM 167/39	226.6 -----	218.0 -----	216.9 -----	262.6 -----	258.8 ----
KWS Salamandra	227.1 -----	212.4 ----	208.8 ----	284.6 -----	226.8 --
Amavit	223.3 -----	203.2 ----	216.5 ----	251.1 ----	272.8 ----
KXB7127	234.3 -----	219.4 -----	215.1 ----	281.8 -----	261.4 ----
KXB7307	234.6 -----	212.3 ----	222.2 -----	261.1 ----	269.7 ----
KXB7313	238.6 -----	229.7 -----	214.8 ----	268.6 -----	254.0 ----
RH17038	221.9 ----	210.8 ----	210.8 ----	252.2 ----	237.0 --
RH17036	218.7 ----	213.2 ----	218.3 ----	248.7 ----	217.9 --
Amaizi CS	210.6 --	179.1 -	208.7 ----	237.8 --	252.5 ----
Actual	205.5 -	195.9 ----	215.2 ----	209.0 -	244.5 ----
DFI45213	223.4 ----	211.3 -----	216.3 -----	234.4 ----	257.7 ----
Landlord	225.9 -----	190.5 --	225.3 -----	248.2 ----	253.9 ----
LG 30222	220.7 ----	200.5 ----	194.6 --	241.8 ----	247.6 ----
DKC 2978	205.3 -	204.2 ----	185.1 -	227.5 --	212.4 -
Kaprilias	225.4 -----	207.2 ----	205.4 ----	260.0 -----	268.3 ----
<b>-Bezugsgrösse(n)</b>	<b>224.6 -----</b>	<b>218.1 -----</b>	<b>225.1 -----</b>	<b>247.3 -----</b>	<b>245.0 ----</b>
Versuchs-Mittel	222.4 ----	206.4 ----	212.3 ----	247.7 ----	250.2 ----
VK [%]	7.6	6.6	7.9	6.7	7.7
KGD (5%)	11.7	22.2	ns	27.2	39.6
KGD (1%)	15.4	29.5	ns	36.1	53.4
Versuchs-Streuung	16.8	13.6	16.8	16.6	19.4
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	35338.1	29	4.30 ***	1.51	0.0000
Anbauorte	248005.0	5	175.16 ***	2.25	0.0000
WW Verf.*Anb.Orte	84744.4	145	2.06 ***	1.26	0.0004
Fehler	81556.1	288			
Insgesamt	449643.6	467			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	188.9	-----	208.9	-
<b>LG 31211</b>	<b>163.3</b>	<b>-</b>	<b>232.1</b>	<b>-----</b>
Spyci CS	174.9	---	206.8	-
Karibous	203.8	-----	221.8	----
SY Amboss	168.4	--	237.2	-----
<b>Amanova</b>	<b>202.9</b>	<b>-----</b>	<b>225.8</b>	<b>----</b>
SY Skandik	209.5	-----	233.0	-----
LG 31205	172.2	---	226.2	----
Rancador	190.7	-----	234.9	-----
KWS Colonnada	207.1	-----	230.6	----
KWS Stefano	182.6	----	240.1	-----
Mas 08.F	171.4	---	210.0	-
ES2821	215.2	-----	257.6	-----
Mantilla	177.3	---	240.8	-----
LZM 166/73	211.3	-----	224.9	----
LZM 167/39	161.3	-	241.9	-----
KWS Salamandra	194.0	-----	235.7	-----
Amavit	175.7	---	220.5	---
KXB7127	187.0	-----	240.8	-----
KXB7307	191.4	-----	251.1	-----
KXB7313	211.0	-----	253.3	-----
RH17038	198.2	-----	222.6	----
RH17036	178.6	----	235.4	-----
Amaizi CS	159.8	-	225.5	----
Actual	162.7	-	205.9	-
DFI45213	203.8	-----	217.0	---
Landlord	184.0	----	253.2	-----
LG 30222	202.1	-----	237.4	-----
DKC 2978	185.7	----	217.0	---
Kaprilias	173.6	---	237.9	-----
<b>-Bezugsgrösse(n)</b>	<b>183.1</b>	<b>----</b>	<b>229.0</b>	<b>----</b>
Versuchs-Mittel	186.9	----	230.9	----
VK [%]	8.8		8.1	
KGD (5%)	33.7		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	16.5		18.7	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	39.4 ---	33.7 --	42.7 -----	44.1 ----	34.0 --
<b>LG 31211</b>	<b>40.3 -----</b>	<b>34.6 ---</b>	<b>43.3 -----</b>	<b>42.5 ---</b>	<b>37.4 ----</b>
Spyci CS	42.3 -----	39.8 -----	41.3 -----	48.4 -----	37.6 ----
Karibous	39.1 ---	34.1 --	39.2 ---	40.7 --	35.8 ---
SY Amboss	37.6 -	34.3 ---	39.3 ---	39.4 -	35.9 ---
<b>Amanova</b>	<b>42.0 -----</b>	<b>38.0 -----</b>	<b>42.9 -----</b>	<b>44.4 ----</b>	<b>41.6 -----</b>
SY Skandik	38.6 --	34.6 ---	38.3 --	40.4 -	37.6 ----
LG 31205	40.8 -----	37.7 -----	42.7 -----	41.6 --	39.2 -----
Rancador	40.5 -----	36.8 -----	40.8 -----	43.4 ---	36.3 ----
KWS Colonnada	43.3 -----	35.5 ----	41.9 -----	47.3 -----	46.0 -----
KWS Stefano	40.0 ----	37.3 -----	40.9 -----	41.0 --	34.7 --
Mas 08.F	40.5 -----	36.5 -----	44.2 -----	46.0 -----	36.2 ----
ES2821	39.1 ---	35.8 ----	41.5 -----	40.0 -	36.2 ----
Mantilla	41.0 -----	36.6 ----	42.6 -----	46.0 -----	40.4 -----
LZM 166/73	41.0 -----	35.3 ----	41.9 -----	42.3 ---	37.3 ----
LZM 167/39	40.5 -----	38.0 -----	41.3 -----	43.6 ---	36.4 ----
KWS Salamandra	40.5 -----	35.5 ----	41.3 -----	45.0 ----	37.3 ----
Amavit	40.2 ----	35.7 ----	40.1 ----	43.2 ---	37.1 ----
KXB7127	37.4 -	32.0 -	38.5 --	41.2 --	32.2 -
KXB7307	38.6 --	35.1 ---	37.2 -	42.4 ---	36.3 ----
KXB7313	42.4 -----	36.7 -----	43.0 -----	45.5 -----	41.2 -----
RH17038	40.6 -----	35.6 ----	44.3 -----	41.1 --	38.0 ----
RH17036	39.7 ----	35.5 ----	43.4 -----	41.2 --	39.2 ----
Amaizi CS	44.6 -----	43.3 -----	45.2 -----	48.9 -----	41.6 -----
Actual	44.6 -----	37.5 ----	44.3 -----	54.7 -----	39.2 ----
DFI45213	40.8 -----	33.3 --	42.5 -----	48.4 -----	38.0 ----
Landlord	37.9 -	35.0 ---	40.3 ----	39.2 -	34.0 --
LG 30222	40.2 ----	35.5 ----	40.9 ----	41.4 --	37.8 ----
DKC 2978	39.4 ---	34.9 ---	40.8 ----	44.2 ----	34.7 --
Kaprilias	39.3 ---	36.0 ----	41.0 ----	42.5 ---	34.1 --
<b>-Bezugsgrösse(n)</b>	<b>41.1 -----</b>	<b>36.3 ----</b>	<b>43.1 -----</b>	<b>43.5 ---</b>	<b>39.5 -----</b>
Versuchs-Mittel	40.4 -----	36.0 ----	41.6 -----	43.7 ---	37.4 ----
VK [%]	6.2	4.9	3.9	7.0	8.2
KGD (5%)	1.7	2.9	2.7	5.0	ns
KGD (1%)	2.3	3.8	3.5	6.7	ns
Versuchs-Streuung	2.5	1.7	1.6	3.1	3.1
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1450.7	29	7.96 ***	1.51	0.0000
Anbauorte	4060.6	5	129.25 ***	2.25	0.0000
WW Verf.*Anb.Orte	1445.4	145	1.59 ns	1.26	
Fehler	1809.7	288			
Insgesamt	8766.4	467			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	40.9	----	40.9	--
<b>LG 31211</b>	<b>38.6</b>	<b>---</b>	<b>45.5</b>	<b>-----</b>
Spyci CS	39.0	----	47.6	-----
Karibous	42.8	-----	41.8	---
SY Amboss	37.8	--	39.1	-
<b>Amanova</b>	<b>42.6</b>	<b>-----</b>	<b>42.4</b>	<b>----</b>
SY Skandik	39.6	----	41.1	---
LG 31205	39.7	----	43.6	-----
Rancador	41.8	-----	44.1	-----
KWS Colonnada	43.7	-----	45.3	-----
KWS Stefano	40.7	-----	45.4	-----
Mas 08.F	39.4	----	40.5	--
ES2821	38.7	---	42.1	----
Mantilla	38.5	---	42.2	----
LZM 166/73	46.0	-----	43.0	----
LZM 167/39	37.8	--	46.1	-----
KWS Salamandra	39.7	----	43.9	-----
Amavit	40.7	-----	44.3	-----
KXB7127	37.1	--	43.5	-----
KXB7307	39.4	-----	41.6	---
KXB7313	43.3	-----	44.5	-----
RH17038	39.2	----	45.2	-----
RH17036	36.1	-	43.1	-----
Amaizi CS	41.6	-----	46.9	-----
Actual	42.6	-----	49.2	-----
DFI45213	39.2	----	43.5	-----
Landlord	37.6	--	41.6	---
LG 30222	41.3	-----	44.3	-----
DKC 2978	38.1	---	43.7	-----
Kaprilias	39.2	----	42.9	----
<b>-Bezugsgrösse(n)</b>	<b>40.6</b>	<b>----</b>	<b>43.9</b>	<b>----</b>
Versuchs-Mittel	40.1	-----	43.6	-----
VK [%]	7.3		6.1	
KGD (5%)	ns		4.4	
KGD (1%)	ns		ns	
Versuchs-Streuung	2.9		2.7	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	151.4 ---	140.2 ---	131.9 -	167.6 ----	181.0 ----
<b>LG 31211</b>	<b>160.1 -----</b>	<b>157.0 -----</b>	<b>167.8 -----</b>	<b>169.2 ----</b>	<b>190.9 -----</b>
Spyci CS	145.4 -	141.3 ---	142.0 ---	155.8 ---	169.0 ---
Karibous	155.5 ----	138.3 ---	146.5 ----	172.8 ----	174.2 ---
SY Amboss	151.8 ---	153.4 -----	156.0 -----	172.3 ----	145.4 -
<b>Amanova</b>	<b>158.1 -----</b>	<b>161.9 -----</b>	<b>152.8 -----</b>	<b>172.2 ----</b>	<b>158.1 --</b>
SY Skandik	157.5 ----	142.6 ---	144.3 ----	169.3 ----	178.6 ----
LG 31205	161.3 -----	151.8 -----	154.3 -----	163.7 ---	216.9 -----
Rancador	157.8 ----	147.1 ---	145.7 ---	173.1 ----	186.3 ----
KWS Colonnada	166.2 -----	142.9 ---	161.1 -----	161.7 ---	226.4 -----
KWS Stefano	154.4 ---	141.3 ---	138.6 ---	156.8 ---	191.5 ----
Mas 08.F	153.4 ---	155.7 -----	149.6 ----	163.2 ---	177.3 ----
ES2821	166.2 -----	158.3 -----	156.8 ----	182.2 -----	165.6 ---
Mantilla	161.1 ----	159.3 -----	160.8 -----	182.1 ----	171.4 ---
LZM 166/73	162.5 -----	154.3 -----	157.4 -----	180.5 ----	174.2 ---
LZM 167/39	160.4 -----	158.8 -----	153.0 ----	186.6 -----	178.3 ----
KWS Salamandra	159.0 ----	151.4 ----	145.9 ----	197.7 -----	153.7 --
Amavit	156.3 ----	149.1 ---	151.3 ----	175.4 ----	188.1 ----
KXB7127	163.6 -----	158.3 -----	149.7 ----	197.7 -----	176.3 ---
KXB7307	166.4 -----	156.7 -----	156.6 -----	182.4 ----	186.9 ----
KXB7313	170.6 -----	170.0 -----	151.5 ----	191.8 -----	180.7 ----
RH17038	157.9 ----	155.5 -----	152.8 ----	176.1 ----	167.3 ---
RH17036	154.6 ---	152.3 ----	154.5 ----	170.7 ----	153.8 --
Amaizi CS	146.3 -	129.3 -	146.8 ---	159.8 ---	169.9 ---
Actual	145.3 -	145.0 ---	148.1 ----	143.9 -	174.5 ----
DFI45213	154.3 ---	152.8 ----	149.9 ----	155.6 ---	177.0 ----
Landlord	160.1 -----	137.7 ---	155.9 -----	178.5 ----	183.6 ----
LG 30222	155.5 ----	143.0 ---	136.3 ---	165.8 ----	176.7 ----
DKC 2978	144.9 -	148.9 ----	128.5 -	153.8 --	151.3 -
Kaprilias	158.1 ----	151.2 ----	144.2 ----	180.0 ----	187.3 ----
<b>-Bezugsgrösse(n)</b>	<b>159.1 -----</b>	<b>159.5 -----</b>	<b>160.3 -----</b>	<b>170.7 ----</b>	<b>174.5 ----</b>
Versuchs-Mittel	157.2 ----	150.2 ----	149.7 ----	171.9 ----	177.1 ----
VK [%]	8.5	7.1	9.5	8.2	9.3
KGD (5%)	9.3	17.5	ns	22.9	33.7
KGD (1%)	12.3	ns	ns	30.5	ns
Versuchs-Streuung	13.4	10.7	14.2	14.0	16.5
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	19469.2	29	3.75 ***	1.51	0.0001
Anbauorte	105835.4	5	118.21 ***	2.25	0.0000
WW Verf.*Anb.Orte	45611.5	145	1.76 ***	1.26	0.0008
Fehler	51571.3	288			
Insgesamt	222487.4	467			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	138.1	-----	149.8	---
<b>LG 31211</b>	<b>117.9</b>	<b>--</b>	<b>157.9</b>	<b>----</b>
Spyci CS	122.9	---	141.4	-
Karibous	143.6	-----	157.8	----
SY Amboss	115.7	-	168.3	-----
<b>Amanova</b>	<b>144.2</b>	<b>-----</b>	<b>159.4</b>	<b>----</b>
SY Skandik	148.1	-----	161.9	----
LG 31205	124.6	---	156.5	----
Rancador	135.2	-----	159.4	----
KWS Colonnada	146.9	-----	157.9	----
KWS Stefano	128.4	----	169.9	-----
Mas 08.F	123.7	---	150.7	---
ES2821	154.7	-----	179.6	-----
Mantilla	126.0	----	167.2	-----
LZM 166/73	147.5	-----	160.9	----
LZM 167/39	118.5	--	167.4	-----
KWS Salamandra	141.9	-----	163.2	----
Amavit	120.7	--	153.1	----
KXB7127	131.7	-----	168.0	-----
KXB7307	135.5	-----	180.4	-----
KXB7313	150.4	-----	179.1	-----
RH17038	143.1	-----	152.9	----
RH17036	129.3	----	167.3	-----
Amaizi CS	113.8	-	158.0	----
Actual	115.3	-	145.1	--
DFI45213	139.1	-----	151.5	---
Landlord	130.8	----	174.3	-----
LG 30222	146.7	-----	164.2	----
DKC 2978	131.6	-----	155.1	----
Kaprilias	123.0	---	162.9	-----
<b>-Bezugsgrösse(n)</b>	<b>131.0</b>	<b>----</b>	<b>158.7</b>	<b>----</b>
Versuchs-Mittel	133.0	----	161.4	-----
VK [%]	8.5		8.4	
KGD (5%)	23.1		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	11.3		13.6	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	



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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	73.9 ----	69.1 --	64.1 -	87.1 -----	86.8 ----
<b>LG 31211</b>	<b>79.5 -----</b>	<b>87.5 -----</b>	<b>93.8 -----</b>	<b>81.7 -----</b>	<b>85.4 ----</b>
Spyci CS	68.7 --	74.5 ----	71.2 ---	70.1 ---	79.4 ----
Karibous	78.4 -----	72.8 ----	84.0 -----	90.7 -----	83.1 ----
SY Amboss	75.4 ----	78.3 ----	86.0 -----	82.3 ----	68.1 -
<b>Amanova</b>	<b>82.0 -----</b>	<b>89.9 -----</b>	<b>82.1 -----</b>	<b>86.1 -----</b>	<b>80.5 ----</b>
SY Skandik	75.6 ----	74.3 ----	74.1 ----	78.4 ----	83.9 ----
LG 31205	80.2 -----	85.4 -----	86.3 -----	78.1 ----	95.1 -----
Rancador	73.7 ----	77.0 ----	71.5 ---	77.0 ----	89.3 ----
KWS Colonnada	85.9 -----	79.4 ----	96.5 -----	77.4 ----	110.6 -----
KWS Stefano	77.0 -----	75.3 ----	73.9 ----	79.3 ----	91.3 ----
Mas 08.F	77.0 -----	84.2 -----	77.6 ----	82.4 -----	84.2 ----
ES2821	75.8 ----	79.1 ----	80.7 ----	78.7 ----	66.9 -
Mantilla	77.6 ----	85.5 -----	86.5 -----	88.5 -----	78.8 ----
LZM 166/73	81.8 -----	81.8 -----	84.4 -----	90.3 -----	85.8 ----
LZM 167/39	79.5 -----	84.3 -----	84.3 -----	94.4 -----	76.0 ---
KWS Salamandra	77.6 ----	71.6 ---	79.3 ----	98.0 -----	68.4 -
Amavit	77.1 ----	77.4 ----	80.3 ----	91.0 -----	84.9 ----
KXB7127	78.4 -----	76.5 ----	76.6 ----	101.4 -----	77.0 ---
KXB7307	81.6 -----	83.2 -----	84.0 -----	89.0 -----	84.9 ----
KXB7313	86.6 -----	88.3 -----	85.4 -----	99.8 -----	89.3 ----
RH17038	75.5 ----	78.6 ----	82.6 ----	90.6 -----	69.4 -
RH17036	73.6 ----	70.5 ---	81.9 ----	77.6 ----	70.7 -
Amaizi CS	66.4 -	67.7 --	84.3 ----	68.0 --	66.7 -
Actual	71.9 ---	77.7 ----	80.1 ----	62.0 -	85.8 ----
DFI45213	73.3 ----	74.6 ----	86.3 -----	67.1 --	82.1 ----
Landlord	77.8 -----	64.8 -	83.3 -----	96.8 -----	86.2 ----
LG 30222	76.5 -----	72.6 ----	71.1 ---	78.4 ----	87.2 ----
DKC 2978	70.1 --	72.9 ----	64.5 -	71.1 ---	74.6 --
Kaprilias	76.6 ----	74.2 ----	77.7 ----	90.3 -----	88.9 ----
<b>-Bezugsgrösse(n)</b>	<b>80.8 -----</b>	<b>88.7 -----</b>	<b>88.0 -----</b>	<b>83.9 -----</b>	<b>82.9 ----</b>
Versuchs-Mittel	76.8 ----	77.6 ----	80.5 ----	83.5 ----	82.0 ----
VK [%]	13.7	9.5	14.1	15.2	13.6
KGD (5%)	7.3	12.0	18.5	20.8	ns
KGD (1%)	9.7	16.0	ns	ns	ns
Versuchs-Streuung	10.6	7.4	11.3	12.7	11.2
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	9222.1	29	2.86 ***	1.51	0.0002
Anbauorte	24358.4	5	43.74 ***	2.25	0.0000
WW Verf.*Anb.Orte	20678.1	145	1.28 ns	1.26	
Fehler	32077.5	288			
Insgesamt	86336.1	467			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	69.5	-----	66.9	---
<b>LG 31211</b>	<b>62.6</b>	<b>-----</b>	<b>66.1</b>	<b>---</b>
Spyci CS	59.0	----	58.3	-
Karibous	64.6	-----	75.2	-----
SY Amboss	56.5	----	80.9	-----
<b>Amanova</b>	<b>74.7</b>	<b>-----</b>	<b>78.8</b>	<b>-----</b>
SY Skandik	70.3	-----	72.5	----
LG 31205	61.7	----	74.7	-----
Rancador	60.0	----	67.5	---
KWS Colonnada	73.3	-----	78.4	-----
KWS Stefano	61.7	-----	80.5	-----
Mas 08.F	60.2	----	73.6	----
ES2821	69.1	-----	80.5	-----
Mantilla	50.2	--	75.9	-----
LZM 166/73	64.4	-----	84.1	-----
LZM 167/39	55.8	----	82.0	-----
KWS Salamandra	68.2	-----	80.4	-----
Amavit	53.8	---	75.0	-----
KXB7127	57.2	----	82.0	-----
KXB7307	57.7	----	90.9	-----
KXB7313	70.3	-----	86.2	-----
RH17038	62.5	-----	69.4	----
RH17036	59.0	-----	81.6	-----
Amaizi CS	46.8	-	65.0	---
Actual	60.6	-----	65.1	---
DFI45213	59.0	-----	70.6	----
Landlord	58.3	-----	77.6	-----
LG 30222	74.4	-----	75.3	-----
DKC 2978	62.0	-----	75.7	-----
Kaprilias	59.3	-----	69.2	----
<b>-Bezugsgrösse(n)</b>	<b>68.7</b>	<b>-----</b>	<b>72.4</b>	<b>-----</b>
Versuchs-Mittel	62.1	-----	75.3	-----
VK [%]	12.8		14.5	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	7.9		10.9	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	718.9	721.7	691.3	721.0	731.5
<b>LG 31211</b>	<b>711.3</b>	<b>727.0</b>	<b>723.0</b>	<b>695.7</b>	<b>718.5</b>
Spyci CS	697.3	710.3	700.3	675.0	714.5
Karibous	712.3	722.0	712.0	703.0	720.0
SY Amboss	701.4	725.3	709.0	678.7	698.5
<b>Amanova</b>	<b>706.8</b>	<b>735.0</b>	<b>700.7</b>	<b>685.0</b>	<b>705.0</b>
SY Skandik	707.3	722.7	723.3	691.7	705.0
LG 31205	708.5	726.3	715.0	688.0	705.0
Rancador	702.2	719.0	688.3	683.0	735.0
KWS Colonnada	712.8	740.0	722.7	700.3	717.0
KWS Stefano	707.9	729.3	682.3	695.7	731.0
Mas 08.F	722.0	731.7	710.7	701.3	748.0
ES2821	713.1	731.0	727.0	695.7	710.5
Mantilla	702.8	721.0	706.3	686.0	698.5
LZM 166/73	720.6	747.7	718.0	715.0	728.5
LZM 167/39	710.2	728.7	705.3	710.0	688.0
KWS Salamandra	699.4	714.0	699.0	692.3	667.0
Amavit	700.8	734.3	699.0	698.3	690.0
KXB7127	698.4	721.7	694.7	701.3	674.0
KXB7307	710.1	737.3	704.7	698.7	693.5
KXB7313	714.3	740.3	703.0	713.0	711.0
RH17038	712.3	737.7	723.7	697.3	706.0
RH17036	708.3	713.7	708.0	686.0	707.0
Amaizi CS	696.6	721.3	700.3	671.7	672.5
Actual	706.7	740.3	687.7	686.7	713.5
DFI45213	691.1	723.7	692.0	663.7	687.0
Landlord	709.6	724.3	692.0	718.3	723.0
LG 30222	704.6	713.0	700.3	685.0	712.5
DKC 2978	706.4	729.3	696.0	676.0	712.5
Kaprilias	702.8	729.7	702.0	692.0	698.0
<b>-Bezugsgrösse(n)</b>	<b>709.1</b>	<b>731.0</b>	<b>711.8</b>	<b>690.3</b>	<b>711.8</b>
Versuchs-Mittel	707.2	727.3	704.6	693.5	707.4
VK [%]	3.0	2.5	3.2	2.8	3.8
KGD (5%)	14.6	ns	ns	ns	ns
KGD (1%)	19.2	ns	ns	ns	ns
Versuchs-Streuung	21.0	18.1	22.8	19.1	26.6
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

**Varianz-Analyse**

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	24019.7	29	1.88 **	1.51	0.0051
Anbauorte	54938.0	5	24.98 ***	2.25	0.0000
WW Verf.*Anb.Orte	59745.7	145	0.94 ns	1.26	
Fehler	126689.7	288			
Insgesamt	265393.0	467			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	731.0	-----	717.0	-----
<b>LG 31211</b>	<b>723.0</b>	-----	<b>680.7</b>	-
Spyci CS	702.5	----	681.0	-
Karibous	705.0	----	712.0	-----
SY Amboss	687.5	--	709.3	-----
<b>Amanova</b>	<b>709.5</b>	-----	<b>705.7</b>	-----
SY Skandik	707.0	----	694.0	----
LG 31205	724.5	-----	692.3	----
Rancador	708.0	----	679.7	-
KWS Colonnada	713.5	-----	683.0	-
KWS Stefano	703.0	----	706.3	-----
Mas 08.F	722.5	-----	717.7	-----
ES2821	717.5	-----	697.0	----
Mantilla	710.5	-----	694.3	----
LZM 166/73	699.5	----	715.0	-----
LZM 167/39	737.0	-----	692.0	----
KWS Salamandra	732.0	-----	692.3	----
Amavit	687.0	-	696.0	----
KXB7127	703.5	----	695.0	----
KXB7307	708.0	----	718.3	-----
KXB7313	712.5	-----	706.0	-----
RH17038	722.0	-----	687.3	---
RH17036	724.5	-----	710.7	-----
Amaizi CS	713.0	-----	701.0	----
Actual	708.5	----	703.3	-----
DFI45213	682.5	-	698.0	----
Landlord	710.0	-----	690.0	---
LG 30222	726.0	-----	690.7	---
DKC 2978	708.5	----	716.0	-----
Kaprilias	709.0	----	686.0	--
-Bezugsgrösse(n)	716.3	-----	693.2	----
Versuchs-Mittel	711.6	-----	698.9	-----
VK [%]	2.5		3.1	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	17.7		21.9	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	351.0 -----	356.3 ----	335.7 -	375.0 -----	349.5 -----
<b>LG 31211</b>	<b>355.8 -----</b>	<b>405.7 -----</b>	<b>403.7 -----</b>	<b>336.0 -----</b>	<b>321.5 -----</b>
Spyci CS	329.3 ---	374.0 -----	351.7 --	301.3 --	336.0 -----
Karibous	359.8 -----	379.7 -----	408.3 -----	369.0 -----	343.5 -----
SY Amboss	348.3 -----	369.7 -----	390.3 -----	322.7 ---	327.5 -----
<b>Amanova</b>	<b>367.1 -----</b>	<b>408.0 -----</b>	<b>377.3 -----</b>	<b>342.7 -----</b>	<b>359.0 -----</b>
SY Skandik	340.7 -----	377.3 -----	371.3 -----	319.3 ---	331.5 -----
LG 31205	356.5 -----	409.3 -----	400.7 -----	327.3 -----	309.0 -----
Rancador	329.2 ---	375.3 -----	338.3 -	303.0 --	354.0 -----
KWS Colonnada	370.9 -----	412.0 -----	432.0 -----	334.7 -----	351.0 -----
KWS Stefano	354.1 -----	388.7 -----	364.0 ---	351.7 -----	348.5 -----
Mas 08.F	362.7 -----	397.3 -----	368.0 ---	357.0 -----	354.5 -----
ES2821	326.5 --	365.0 -----	372.7 ---	300.3 --	286.5 ---
Mantilla	336.2 ---	386.3 -----	379.0 -----	333.7 -----	321.0 -----
LZM 166/73	363.1 -----	396.0 -----	385.7 -----	357.3 -----	359.5 -----
LZM 167/39	351.8 -----	387.0 -----	389.0 -----	359.0 -----	292.5 ---
KWS Salamandra	339.6 -----	337.7 -	380.0 -----	340.0 -----	287.5 ---
Amavit	346.0 -----	381.7 -----	371.7 ---	362.7 -----	311.5 -----
KXB7127	333.3 ---	348.3 ---	355.0 ---	360.3 -----	294.0 ---
KXB7307	348.2 -----	391.0 -----	378.0 -----	341.0 -----	315.5 -----
KXB7313	362.7 -----	384.7 -----	395.5 -----	371.0 -----	352.0 -----
RH17038	339.9 -----	373.3 -----	389.0 -----	358.0 -----	293.0 ---
RH17036	337.1 ---	331.3 -	376.0 -----	312.0 ---	325.0 -----
Amaizi CS	317.2 -	377.3 -----	398.7 -----	285.3 -	263.5 -
Actual	349.3 -----	397.3 -----	371.3 ---	290.7 -	351.0 -----
DFI45213	328.3 ---	354.3 ---	396.7 -----	286.3 -	318.5 -----
Landlord	344.5 -----	341.7 --	370.3 -----	388.7 -----	340.0 -----
LG 30222	347.4 -----	362.0 ---	365.3 -----	324.7 ---	351.0 -----
DKC 2978	342.3 -----	357.3 ---	348.5 --	313.0 ---	351.0 -----
Kaprilias	341.5 -----	358.3 ---	379.7 -----	345.7 -----	331.5 -----
<b>-Bezugsgrösse(n)</b>	<b>361.4 -----</b>	<b>406.8 -----</b>	<b>390.5 -----</b>	<b>339.3 -----</b>	<b>340.3 -----</b>
Versuchs-Mittel	346.0 -----	376.1 -----	378.1 -----	335.6 -----	327.7 -----
VK [%]	10.2	7.4	9.4	12.1	10.1
KGD (5%)	24.6	45.7	ns	ns	ns
KGD (1%)	32.4	ns	ns	ns	ns
Versuchs-Streuung	35.3	27.9	35.3	40.7	33.0
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	80279.4	29	2.22 ***	1.51	0.0009
Anbauorte	237697.7	5	38.09 ***	2.25	0.0000
WW Verf.*Anb.Orte	202708.7	145	1.12 ns	1.26	
Fehler	359422.9	288			
Insgesamt	880108.7	467			

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

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG
DKC 3333	370.0 -----	319.3 ----
<b>LG 31211</b>	<b>383.0 -----</b>	<b>285.0 -</b>
Spyci CS	336.0 ----	276.7 -
Karibous	319.5 ---	338.7 -----
SY Amboss	337.0 -----	342.3 -----
<b>Amanova</b>	<b>366.5 -----</b>	<b>349.0 -----</b>
SY Skandik	335.5 -----	309.0 ----
LG 31205	360.5 -----	332.0 -----
Rancador	315.5 ---	289.0 --
KWS Colonnada	360.0 -----	336.0 -----
KWS Stefano	337.5 -----	334.3 -----
Mas 08.F	348.5 -----	350.7 -----
ES2821	321.5 ---	313.0 ----
Mantilla	282.5 -	314.7 ----
LZM 166/73	306.5 ---	373.3 -----
LZM 167/39	344.0 -----	339.0 -----
KWS Salamandra	352.0 -----	340.7 -----
Amavit	307.0 ---	341.7 -----
KXB7127	306.0 ---	336.3 -----
KXB7307	301.5 --	362.0 -----
KXB7313	333.0 -----	340.0 -----
RH17038	315.0 ----	311.3 ----
RH17036	331.5 ----	347.0 -----
Amaizi CS	294.5 --	284.0 -
Actual	373.0 -----	312.7 ----
DFI45213	288.5 -	325.3 -----
Landlord	317.5 ----	309.0 ----
LG 30222	368.5 -----	313.0 ----
DKC 2978	334.5 -----	349.3 -----
Kaprilias	342.0 -----	292.0 --
<b>-Bezugsgrösse(n)</b>	<b>374.8 -----</b>	<b>317.0 ----</b>
Versuchs-Mittel	333.0 -----	325.5 -----
VK [%]	9.4	12.0
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	31.4	39.0
FG Fehlerterm	29.0	58.0
Anz. Beob.	2.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	154.8 ----	158.0 -----	150.3 -----	151.3 -	159.0 --
<b>LG 31211</b>	<b>154.8 ----</b>	<b>140.3 ----</b>	<b>128.7 ---</b>	<b>165.7 ----</b>	<b>171.0 ----</b>
Spyci CS	167.1 -----	156.0 -----	147.7 -----	182.3 -----	166.5 ---
Karibous	153.9 ---	152.7 -----	129.0 ---	155.0 --	166.0 ---
SY Amboss	161.3 -----	150.0 -----	139.3 -----	178.0 -----	173.5 -----
<b>Amanova</b>	<b>151.1 --</b>	<b>135.3 ---</b>	<b>136.3 ----</b>	<b>166.3 ----</b>	<b>162.0 --</b>
SY Skandik	160.5 -----	147.0 ----	137.7 ----	175.3 -----	169.5 ----
LG 31205	157.1 ----	140.3 ----	135.7 ----	171.7 -----	178.0 -----
Rancador	163.0 -----	146.0 ----	150.3 -----	177.0 -----	156.5 -
KWS Colonnada	146.9 -	126.0 -	117.7 -	158.0 --	164.5 ---
KWS Stefano	158.7 -----	147.7 -----	146.0 -----	168.3 -----	162.0 --
Mas 08.F	149.1 -	135.0 ---	141.0 -----	158.3 --	154.5 -
ES2821	161.8 -----	146.3 ----	138.7 ----	176.7 -----	180.5 -----
Mantilla	165.6 -----	150.7 -----	148.3 -----	168.7 ----	178.5 -----
LZM 166/73	150.3 --	132.7 --	137.7 ----	154.3 -	158.0 -
LZM 167/39	156.4 ----	146.0 ----	141.3 -----	158.7 --	181.5 -----
KWS Salamandra	164.4 -----	163.0 -----	140.7 -----	171.3 -----	196.0 -----
Amavit	164.9 -----	148.7 ----	147.7 -----	164.0 ---	186.5 -----
KXB7127	166.6 -----	159.3 -----	152.0 -----	163.3 ---	191.5 -----
KXB7307	157.3 ----	138.3 ---	142.7 -----	165.7 ----	177.0 ----
KXB7313	147.4 -	139.0 ----	132.5 ----	151.0 -	158.5 -
RH17038	164.5 -----	148.7 ----	141.7 ----	171.3 -----	182.0 -----
RH17036	168.3 -----	169.3 -----	151.7 -----	189.0 -----	174.5 ----
Amaizi CS	171.9 -----	150.0 -----	141.7 ----	193.0 -----	201.5 -----
Actual	159.7 ----	141.0 ---	147.7 -----	186.0 -----	161.5 --
DFI45213	165.6 -----	149.7 ----	139.7 ----	189.3 -----	174.5 ----
Landlord	161.3 -----	157.0 -----	150.3 -----	155.0 --	164.0 ---
LG 30222	159.1 ----	151.0 ----	151.3 -----	172.3 -----	163.5 ---
DKC 2978	164.4 -----	159.0 -----	159.5 -----	184.0 -----	161.5 --
Kaprilias	162.1 -----	150.3 -----	145.0 -----	167.0 ----	171.5 ----
<b>-Bezugsgrösse(n)</b>	<b>152.9 ---</b>	<b>137.8 ---</b>	<b>132.5 ----</b>	<b>166.0 ----</b>	<b>166.5 ---</b>
Versuchs-Mittel	159.7 -----	147.8 -----	142.3 -----	169.6 -----	171.5 ----
VK [%]	8.8	7.7	9.7	8.6	8.4
KGD (5%)	9.8	18.5	ns	23.8	ns
KGD (1%)	12.9	24.6	ns	ns	ns
Versuchs-Streuung	14.0	11.3	13.9	14.6	14.5
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

**Varianz-Analyse**

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	19367.5	29	3.39 ***	1.51	0.0001
Anbauorte	58939.6	5	59.80 ***	2.25	0.0000
WW Verf.*Anb.Orte	30457.8	145	1.07 ns	1.26	
Fehler	56774.6	288			
Insgesamt	165539.5	467			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	143.0	-	167.0	-----
<b>LG 31211</b>	<b>142.5</b>	<b>-</b>	<b>180.3</b>	<b>-----</b>
Spyci CS	163.5	-----	186.3	-----
Karibous	165.5	-----	155.3	--
SY Amboss	167.5	-----	159.7	----
<b>Amanova</b>	<b>155.5</b>	<b>----</b>	<b>151.3</b>	<b>-</b>
SY Skandik	162.5	-----	171.0	-----
LG 31205	153.0	----	164.0	----
Rancador	166.5	-----	181.7	-----
KWS Colonnada	151.0	---	164.0	----
KWS Stefano	163.0	-----	165.0	----
Mas 08.F	151.5	---	154.0	--
ES2821	162.0	-----	166.7	----
Mantilla	174.0	-----	173.3	-----
LZM 166/73	171.0	-----	148.3	-
LZM 167/39	147.0	--	163.7	----
KWS Salamandra	149.5	---	165.7	----
Amavit	177.0	-----	165.7	----
KXB7127	164.5	-----	169.0	----
KXB7307	170.0	-----	150.0	-
KXB7313	146.0	--	157.7	---
RH17038	166.0	-----	177.3	-----
RH17036	160.0	-----	165.3	----
Amaizi CS	163.0	-----	182.0	-----
Actual	146.5	--	175.7	-----
DFI45213	172.5	-----	167.7	----
Landlord	165.0	-----	176.3	-----
LG 30222	145.0	-	171.7	-----
DKC 2978	162.5	-----	160.0	----
Kaprilias	159.5	-----	179.3	-----
<b>-Bezugsgrösse(n)</b>	<b>149.0</b>	<b>--</b>	<b>165.8</b>	<b>----</b>
Versuchs-Mittel	159.5	-----	167.2	-----
VK [%]	6.9		10.2	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	11.0		17.0	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	



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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	361.5 ----	360.3 -----	332.0 -----	368.3 --	360.0 --
<b>LG 31211</b>	<b>359.8 ----</b>	<b>329.7 ----</b>	<b>305.3 ----</b>	<b>384.3 ----</b>	<b>377.0 ---</b>
Spyci CS	372.4 -----	344.0 -----	323.7 -----	403.3 ----	379.0 ----
Karibous	359.3 ---	346.0 -----	295.7 ---	367.0 --	380.0 ----
SY Amboss	378.8 -----	346.7 -----	330.0 -----	417.0 -----	402.0 -----
<b>Amanova</b>	<b>352.6 ---</b>	<b>309.3 --</b>	<b>327.7 -----</b>	<b>378.3 ---</b>	<b>369.0 ---</b>
SY Skandik	372.9 -----	334.7 ----	323.7 -----	408.7 -----	382.0 ----
LG 31205	360.9 ----	314.3 ---	318.7 ----	386.7 ----	395.5 ----
Rancador	373.3 -----	327.0 ----	343.0 -----	409.0 ----	356.0 -
KWS Colonnada	340.6 -	294.3 -	284.3 -	363.7 -	360.5 --
KWS Stefano	369.7 -----	341.0 ----	338.0 -----	398.0 ----	365.5 --
Mas 08.F	355.8 ----	329.3 ----	332.7 -----	375.0 ---	348.5 -
ES2821	368.0 ----	349.3 ----	318.7 ----	411.0 ----	390.0 ----
Mantilla	375.9 -----	365.0 -----	333.0 -----	392.7 ---	397.5 ----
LZM 166/73	341.3 -	305.7 --	325.7 -----	357.0 -	347.0 -
LZM 167/39	350.0 --	336.7 ----	328.3 -----	357.3 -	401.0 -----
KWS Salamandra	375.0 -----	379.7 -----	324.3 -----	410.0 -----	429.0 -----
Amavit	375.5 -----	345.3 ----	331.0 -----	399.3 ----	413.5 -----
KXB7127	381.4 -----	385.7 -----	341.3 -----	380.7 ---	423.5 -----
KXB7307	360.1 ----	342.7 ----	316.0 ----	385.7 ----	406.5 -----
KXB7313	346.5 --	350.7 ----	301.5 ---	355.3 -	361.5 --
RH17038	379.4 -----	363.0 -----	318.7 ----	412.0 -----	409.5 -----
RH17036	386.4 -----	395.7 -----	343.7 -----	455.3 -----	397.5 ----
Amaizi CS	390.7 -----	354.7 ----	311.3 ---	445.0 -----	452.0 -----
Actual	374.5 ----	355.3 ----	328.7 -----	444.7 -----	371.5 ---
DFI45213	374.1 -----	353.3 ----	302.0 ---	429.3 -----	378.0 ----
Landlord	364.3 ----	372.7 -----	331.3 -----	359.0 -	363.5 --
LG 30222	359.2 ----	343.0 ----	329.7 -----	391.3 ----	355.0 -
DKC 2978	371.6 -----	380.0 -----	322.0 ----	432.3 -----	353.5 -
Kaprilias	376.7 -----	355.3 -----	321.3 -----	408.3 ----	391.5 ----
<b>-Bezugsgrösse(n)</b>	<b>356.2 ----</b>	<b>319.5 ---</b>	<b>316.5 -----</b>	<b>381.3 ---</b>	<b>373.0 ---</b>
Versuchs-Mittel	366.9 -----	347.0 -----	322.8 -----	396.2 ----	383.9 ----
VK [%]	7.7	6.3	7.8	8.1	7.2
KGD (5%)	19.6	35.6	ns	52.5	ns
KGD (1%)	25.8	47.4	ns	69.8	ns
Versuchs-Streuung	28.1	21.8	25.1	32.1	27.8
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	74978.4	29	3.27 ***	1.51	0.0001
Anbauorte	317096.8	5	80.25 ***	2.25	0.0000
WW Verf.*Anb.Orte	160442.2	145	1.40 ns	1.26	
Fehler	227589.1	288			
Insgesamt	780106.5	467			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	350.5	----	397.7	-----
<b>LG 31211</b>	<b>341.5</b>	----	<b>420.7</b>	-----
Spyci CS	370.5	-----	413.7	-----
Karibous	400.0	-----	367.0	---
SY Amboss	383.5	-----	393.7	-----
<b>Amanova</b>	<b>368.5</b>	-----	<b>362.7</b>	----
SY Skandik	392.5	-----	395.7	-----
LG 31205	369.0	-----	381.3	-----
Rancador	389.5	-----	415.0	-----
KWS Colonnada	367.5	-----	373.0	-----
KWS Stefano	376.0	-----	399.7	-----
Mas 08.F	376.5	-----	372.7	-----
ES2821	362.5	-----	376.7	-----
Mantilla	372.0	-----	395.3	-----
LZM 166/73	375.0	-----	337.3	-
LZM 167/39	306.5	-	370.0	-----
KWS Salamandra	324.5	---	382.3	-----
Amavit	374.5	-----	389.3	-----
KXB7127	366.0	-----	391.0	-----
KXB7307	357.0	-----	353.0	--
KXB7313	349.0	-----	361.0	---
RH17038	364.5	-----	408.7	-----
RH17036	339.5	----	387.0	-----
Amaizi CS	366.5	-----	414.7	-----
Actual	340.0	----	406.7	-----
DFI45213	394.0	-----	388.0	-----
Landlord	350.0	-----	409.0	-----
LG 30222	342.5	----	393.7	-----
DKC 2978	361.5	-----	380.0	-----
Kaprilias	368.5	-----	415.3	-----
<b>-Bezugsgrösse(n)</b>	<b>355.0</b>	-----	<b>391.7</b>	-----
Versuchs-Mittel	363.3	-----	388.4	-----
VK [%]	7.8		8.2	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	28.5		31.9	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	63.1 ----	66.3 -----	55.0 --	64.7 ----	68.5 -----
<b>LG 31211</b>	<b>61.8 --</b>	<b>63.7 ---</b>	<b>55.3 --</b>	<b>67.3 ----</b>	<b>67.0 -----</b>
Spyci CS	62.0 --	63.0 --	58.3 -----	64.3 ----	64.5 -----
Karibous	65.4 -----	68.3 -----	59.3 -----	68.3 -----	65.5 -----
SY Amboss	64.1 ----	63.7 ---	58.7 -----	68.0 -----	64.5 -----
<b>Amanova</b>	<b>63.3 ----</b>	<b>64.3 ----</b>	<b>54.3 -</b>	<b>68.3 -----</b>	<b>62.0 ---</b>
SY Skandik	65.3 -----	64.0 ---	59.0 -----	71.7 -----	63.0 ----
LG 31205	63.9 ----	66.0 -----	56.0 ---	69.0 -----	63.0 ----
Rancador	61.6 -	61.3 -	54.3 -	62.7 --	65.0 -----
KWS Colonnada	61.8 --	62.0 -	56.7 ----	63.0 ---	65.5 -----
KWS Stefano	63.1 ----	63.3 ---	54.0 -	69.7 -----	67.0 -----
Mas 08.F	63.3 ----	62.3 --	55.0 --	63.3 ---	66.5 -----
ES2821	64.2 -----	64.0 ---	60.7 -----	65.3 ----	66.5 -----
Mantilla	63.0 ---	66.3 -----	56.3 ----	63.3 ---	62.0 ---
LZM 166/73	64.3 -----	63.3 ---	56.0 ---	68.7 -----	65.5 -----
LZM 167/39	64.6 -----	65.0 -----	57.0 ----	70.0 -----	62.0 ---
KWS Salamandra	62.9 ---	66.7 -----	55.0 --	65.3 ----	61.5 --
Amavit	66.6 -----	68.0 -----	61.7 -----	71.0 -----	65.5 -----
KXB7127	65.8 -----	70.7 -----	59.7 -----	69.7 -----	66.5 -----
KXB7307	64.5 -----	64.3 ----	58.7 -----	70.3 -----	63.5 ----
KXB7313	62.9 ---	65.3 ----	56.5 ----	66.0 ----	60.5 -
RH17038	65.2 -----	69.7 -----	58.3 ----	69.7 -----	63.5 ----
RH17036	65.5 -----	67.7 -----	58.7 -----	68.3 -----	64.0 ----
Amaizi CS	62.5 ---	67.0 -----	60.3 -----	63.7 ---	60.0 -
Actual	61.1 -	67.7 -----	54.7 -	59.7 -	61.5 --
DFI45213	63.2 ----	65.3 ----	57.7 ----	63.3 ---	63.0 ----
Landlord	67.3 -----	67.0 -----	56.7 ----	75.7 -----	69.0 -----
LG 30222	65.1 -----	66.3 ----	60.3 -----	69.0 -----	66.5 -----
DKC 2978	65.4 -----	69.0 -----	61.5 -----	62.7 --	69.0 -----
Kaprilias	63.7 ----	65.7 ----	57.0 ----	67.0 ----	64.5 -----
<b>-Bezugsgrösse(n)</b>	<b>62.6 ---</b>	<b>64.0 ---</b>	<b>54.8 --</b>	<b>67.8 -----</b>	<b>64.5 -----</b>
Versuchs-Mittel	63.9 ----	65.6 ----	57.4 ----	67.0 ----	64.6 -----
VK [%]	5.0	3.8	5.5	6.0	4.9
KGD (5%)	2.2	4.1	5.2	6.6	ns
KGD (1%)	2.9	5.4	ns	8.7	ns
Versuchs-Streuung	3.2	2.5	3.2	4.0	3.2
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1086.9	29	3.71 ***	1.51	0.0001
Anbauorte	5870.1	5	116.18 ***	2.25	0.0000
WW Verf.*Anb.Orte	2097.4	145	1.43 ns	1.26	
Fehler	2910.2	288			
Insgesamt	11964.7	467			

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

Verfahren	8193 Eglisau ZH	8566 Ellighausen TG
DKC 3333	66.5 ----	57.3 ----
<b>LG 31211</b>	<b>64.5 --</b>	<b>53.0 -</b>
Spyci CS	68.0 -----	54.0 -
Karibous	67.0 -----	63.7 -----
SY Amboss	68.0 -----	61.7 -----
<b>Amanova</b>	<b>68.5 -----</b>	<b>62.3 -----</b>
SY Skandik	70.5 -----	63.3 -----
LG 31205	69.0 -----	60.7 -----
Rancador	67.0 -----	59.0 -----
KWS Colonnada	64.0 -	59.7 -----
KWS Stefano	65.0 --	59.3 -----
Mas 08.F	68.5 -----	64.0 -----
ES2821	66.5 ----	62.3 -----
Mantilla	67.5 -----	62.7 -----
LZM 166/73	68.0 -----	64.3 -----
LZM 167/39	71.5 -----	62.0 -----
KWS Salamandra	68.5 -----	60.3 -----
Amavit	69.0 -----	64.3 -----
KXB7127	66.0 ----	62.0 -----
KXB7307	66.0 ----	64.0 -----
KXB7313	67.0 -----	62.0 -----
RH17038	70.0 -----	60.0 -----
RH17036	71.5 -----	63.0 -----
Amaizi CS	64.0 -	60.0 -----
Actual	63.5 -	59.7 -----
DFI45213	66.0 ----	63.7 -----
Landlord	70.0 -----	65.3 -----
LG 30222	66.5 ----	61.7 -----
DKC 2978	66.0 ----	64.0 -----
Kaprilias	67.5 -----	60.3 -----
<b>-Bezugsgrösse(n)</b>	<b>66.5 ----</b>	<b>57.7 ----</b>
Versuchs-Mittel	67.4 -----	61.3 -----
VK [%]	3.3	5.3
KGD (5%)	ns	5.3
KGD (1%)	ns	7.1
Versuchs-Streuung	2.2	3.3
FG Fehlerterm	29.0	58.0
Anz. Beob.	2.0	3.0

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	6.6 -----	6.6 ----	6.2 --	6.6 -----	6.7 -----
<b>LG 31211</b>	<b>6.5 -----</b>	<b>6.6 ----</b>	<b>6.6 -----</b>	<b>6.3 -----</b>	<b>6.6 -----</b>
Spyci CS	6.3 ---	6.5 -	6.4 ----	6.1 --	6.6 ----
Karibous	6.5 -----	6.6 ----	6.5 -----	6.4 -----	6.6 ----
SY Amboss	6.4 ----	6.7 ----	6.4 ----	6.1 ---	6.4 ----
<b>Amanova</b>	<b>6.4 ----</b>	<b>6.8 -----</b>	<b>6.4 ----</b>	<b>6.2 ----</b>	<b>6.5 ----</b>
SY Skandik	6.4 ----	6.6 ----	6.6 -----	6.3 ----	6.4 ----
LG 31205	6.4 ----	6.6 ----	6.5 -----	6.2 ----	6.4 ----
Rancador	6.4 ---	6.6 ---	6.2 -	6.1 ---	6.8 -----
KWS Colonnada	6.5 -----	6.8 -----	6.6 -----	6.4 -----	6.6 ----
KWS Stefano	6.4 ----	6.7 ----	6.2 -	6.3 ----	6.7 ----
Mas 08.F	6.6 -----	6.7 ----	6.5 -----	6.4 -----	6.9 -----
ES2821	6.5 -----	6.7 ----	6.6 -----	6.3 ----	6.5 ----
Mantilla	6.4 ----	6.6 ---	6.4 ----	6.2 ---	6.4 ----
LZM 166/73	6.6 -----	6.9 -----	6.5 -----	6.5 -----	6.7 -----
LZM 167/39	6.5 -----	6.7 ----	6.4 ----	6.4 -----	6.2 --
KWS Salamandra	6.4 ----	6.5 --	6.3 ----	6.3 ----	6.1 -
Amavit	6.4 ----	6.8 -----	6.3 ----	6.3 ----	6.3 ---
KXB7127	6.3 ---	6.6 ----	6.3 ---	6.4 ----	6.1 -
KXB7307	6.5 -----	6.8 -----	6.4 ----	6.3 ----	6.3 ----
KXB7313	6.5 -----	6.8 -----	6.4 ----	6.5 -----	6.5 ----
RH17038	6.5 -----	6.8 -----	6.6 -----	6.3 ----	6.4 ----
RH17036	6.4 ----	6.5 --	6.4 ----	6.2 ---	6.5 ----
Amaizi CS	6.3 ---	6.6 ---	6.3 ----	6.0 --	6.1 -
Actual	6.4 ----	6.8 -----	6.2 -	6.2 ----	6.5 ----
DFI45213	6.2 -	6.6 ----	6.3 ---	6.0 -	6.2 --
Landlord	6.5 -----	6.6 ----	6.3 ---	6.5 -----	6.6 ----
LG 30222	6.4 ----	6.5 --	6.4 ----	6.2 ----	6.5 ----
DKC 2978	6.4 ----	6.7 ----	6.3 ---	6.1 ---	6.5 ----
Kaprilias	6.4 ----	6.7 ----	6.4 ----	6.2 ----	6.3 ----
<b>-Bezugsgrösse(n)</b>	<b>6.5 -----</b>	<b>6.7 ----</b>	<b>6.5 -----</b>	<b>6.3 ----</b>	<b>6.5 -----</b>
Versuchs-Mittel	6.4 ----	6.7 ----	6.4 ----	6.3 ----	6.4 ----
VK [%]	3.6	3.1	4.0	3.3	4.5
KGD (5%)	0.2	ns	ns	ns	ns
KGD (1%)	ns	ns	ns	ns	ns
Versuchs-Streuung	0.2	0.2	0.3	0.2	0.3
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2.8	29	1.77 *	1.51	0.0106
Anbauorte	7.1	5	26.20 ***	2.25	0.0000
WW Verf.*Anb.Orte	7.3	145	0.93 ns	1.26	
Fehler	15.7	288			
Insgesamt	33.0	467			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	6.7	-----	6.6	-----
<b>LG 31211</b>	<b>6.6</b>	<b>-----</b>	<b>6.1</b>	<b>-</b>
Spyci CS	6.4	---	6.1	-
Karibous	6.4	---	6.5	-----
SY Amboss	6.3	--	6.5	-----
<b>Amanova</b>	<b>6.5</b>	<b>----</b>	<b>6.4</b>	<b>-----</b>
SY Skandik	6.5	----	6.3	----
LG 31205	6.7	-----	6.3	----
Rancador	6.5	----	6.1	-
KWS Colonnada	6.5	-----	6.1	-
KWS Stefano	6.4	---	6.4	-----
Mas 08.F	6.6	-----	6.5	-----
ES2821	6.6	-----	6.3	----
Mantilla	6.5	-----	6.3	---
LZM 166/73	6.4	---	6.5	-----
LZM 167/39	6.8	-----	6.3	----
KWS Salamandra	6.8	-----	6.3	----
Amavit	6.2	-	6.3	----
KXB7127	6.4	---	6.3	----
KXB7307	6.5	----	6.6	-----
KXB7313	6.5	-----	6.4	-----
RH17038	6.6	-----	6.2	--
RH17036	6.6	-----	6.5	-----
Amaizi CS	6.5	-----	6.4	-----
Actual	6.5	----	6.4	-----
DFI45213	6.2	-	6.3	----
Landlord	6.5	----	6.3	----
LG 30222	6.7	-----	6.3	----
DKC 2978	6.5	----	6.5	-----
Kaprilias	6.5	-----	6.2	--
<b>-Bezugsgrösse(n)</b>	<b>6.5</b>	<b>-----</b>	<b>6.3</b>	<b>----</b>
Versuchs-Mittel	6.5	-----	6.3	-----
VK [%]	3.1		3.9	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	0.2		0.2	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	5643 Alikon AG	8046 Reckenholz ZH
DKC 3333	6.8 -----	6.9 ---	6.4 ---	6.8 -----	7.0 -----
<b>LG 31211</b>	<b>6.7 -----</b>	<b>6.9 -----</b>	<b>6.8 -----</b>	<b>6.4 -----</b>	<b>6.8 -----</b>
Spyci CS	6.5 ---	6.7 -	6.5 ---	6.2 ---	6.8 -----
Karibous	6.7 -----	6.8 ---	6.7 -----	6.6 -----	6.9 -----
SY Amboss	6.5 ---	6.9 -----	6.6 -----	6.2 ---	6.5 -----
<b>Amanova</b>	<b>6.6 -----</b>	<b>7.0 -----</b>	<b>6.5 -----</b>	<b>6.3 -----</b>	<b>6.6 -----</b>
SY Skandik	6.6 -----	6.8 ---	6.8 -----	6.4 -----	6.6 -----
LG 31205	6.7 -----	6.9 -----	6.7 -----	6.3 -----	6.6 -----
Rancador	6.5 ---	6.8 ---	6.3 --	6.3 ---	7.0 -----
KWS Colonnada	6.7 -----	7.1 -----	6.8 -----	6.5 -----	6.8 -----
KWS Stefano	6.6 -----	7.0 -----	6.2 -	6.5 -----	7.0 -----
Mas 08.F	6.8 -----	7.0 -----	6.6 -----	6.5 -----	7.2 -----
ES2821	6.7 -----	7.0 -----	6.9 -----	6.4 -----	6.7 -----
Mantilla	6.6 ---	6.8 ---	6.6 -----	6.3 ---	6.5 -----
LZM 166/73	6.8 -----	7.2 -----	6.7 -----	6.7 -----	6.9 -----
LZM 167/39	6.7 -----	6.9 -----	6.6 -----	6.7 -----	6.4 ---
KWS Salamandra	6.5 ---	6.7 --	6.5 ---	6.4 -----	6.1 -
Amavit	6.5 ---	7.0 -----	6.5 ---	6.5 -----	6.4 ---
KXB7127	6.5 ---	6.8 ---	6.4 ---	6.5 -----	6.2 -
KXB7307	6.7 -----	7.1 -----	6.6 -----	6.5 -----	6.5 -----
KXB7313	6.7 -----	7.1 -----	6.5 -----	6.7 -----	6.7 -----
RH17038	6.7 -----	7.1 -----	6.8 -----	6.5 -----	6.6 -----
RH17036	6.6 -----	6.7 -	6.6 -----	6.3 -----	6.6 -----
Amaizi CS	6.5 ---	6.8 ---	6.5 ---	6.1 --	6.2 -
Actual	6.6 -----	7.1 -----	6.3 --	6.3 -----	6.7 -----
DFI45213	6.4 -	6.9 ---	6.4 ---	6.0 -	6.3 ---
Landlord	6.6 -----	6.9 ---	6.4 ---	6.8 -----	6.9 -----
LG 30222	6.6 -----	6.7 -	6.5 -----	6.3 ---	6.7 -----
DKC 2978	6.6 -----	6.9 -----	6.5 ---	6.2 ---	6.7 -----
Kaprilias	6.6 -----	7.0 -----	6.5 -----	6.4 -----	6.5 -----
<b>-Bezugsgrösse(n)</b>	<b>6.6 -----</b>	<b>7.0 -----</b>	<b>6.7 -----</b>	<b>6.4 -----</b>	<b>6.7 -----</b>
Versuchs-Mittel	6.6 -----	6.9 -----	6.6 -----	6.4 -----	6.6 -----
VK [%]	4.6	3.9	5.0	4.3	5.7
KGD (5%)	0.2	ns	ns	ns	ns
KGD (1%)	0.3	ns	ns	ns	ns
Versuchs-Streuung	0.3	0.3	0.3	0.3	0.4
FG Fehlerterm	288.0	58.0	56.0	58.0	29.0
Anz. Beob.	16.0	3.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	4.8	29	1.80 **	1.51	0.0085
Anbauorte	12.1	5	26.27 ***	2.25	0.0000
WW Verf.*Anb.Orte	12.3	145	0.92 ns	1.26	
Fehler	26.4	288			
Insgesamt	55.6	467			

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

Verfahren	8193		8566	
	Eglisau ZH		Ellighausen TG	
DKC 3333	7.0	-----	6.8	-----
<b>LG 31211</b>	<b>6.9</b>	-----	<b>6.2</b>	-
Spyci CS	6.6	---	6.3	-
Karibous	6.6	---	6.7	-----
SY Amboss	6.4	-	6.6	-----
<b>Amanova</b>	<b>6.7</b>	----	<b>6.6</b>	-----
SY Skandik	6.6	----	6.5	----
LG 31205	6.9	-----	6.4	----
Rancador	6.7	----	6.2	-
KWS Colonnada	6.7	-----	6.3	-
KWS Stefano	6.6	---	6.6	-----
Mas 08.F	6.9	-----	6.8	-----
ES2821	6.8	-----	6.5	----
Mantilla	6.7	----	6.4	----
LZM 166/73	6.5	---	6.7	-----
LZM 167/39	7.1	-----	6.4	----
KWS Salamandra	7.0	-----	6.4	----
Amavit	6.4	-	6.5	----
KXB7127	6.6	----	6.5	----
KXB7307	6.7	----	6.8	-----
KXB7313	6.7	-----	6.6	-----
RH17038	6.8	-----	6.3	--
RH17036	6.9	-----	6.7	-----
Amaizi CS	6.8	-----	6.6	----
Actual	6.7	----	6.6	----
DFI45213	6.3	-	6.5	----
Landlord	6.7	----	6.4	---
LG 30222	6.9	-----	6.4	----
DKC 2978	6.7	----	6.7	-----
Kaprilias	6.7	----	6.3	--
<b>-Bezugsgrösse(n)</b>	<b>6.8</b>	-----	<b>6.4</b>	----
Versuchs-Mittel	6.7	-----	6.5	----
VK [%]	4.0		4.8	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	0.3		0.3	
FG Fehlerterm	29.0		58.0	
Anz. Beob.	2.0		3.0	



## 3.2 Serie mittelfrüh / Série mi-précoce

### 3.2.1 Standortangaben / Informations des lieux

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	2018	
			Saattermin / date de semis	Erntetermin / date de récolte
1260	Nyon	430	27.04.18	nicht geerntet / ne pas récolté
1567	Delley	511	22.05.18	04.09.18
1725	Grangeneuve (Posieux)	650	11.05.18	19.09.18
3065	Habstetten	680	09.05.18	26.09.18
5643	Alikon	490	21.04.18	27.08.18
8046	Reckenholz	440	20.04.18	16.08.18
8193	Eglisau	390	08.05.18	28.08.18
8566	Ellighausen	503	25.04.18	30.08.18

### 3.2.2 Sorten / Status

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
ES Albatros	ES Albatros	SC	Euralis, F	Euralis	KM11/S	SM11/S
Gottardo KWS	KXB1157	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/S	SM11/S
LG 30248	LZM 162/73	SC	Limagrain / Europe	Fenaco, Moudon		SM11/S
DKC 3440	EM3451	SC	Monsanto, USA	Monsanto, Morges		SM11/S
Benedictio KWS	KXB4138	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/S	SM11/S
SY Telias	SC1153	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/T	SM11/S
Amaroc	KXB4136	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/S
RGT Bixx	RH15013	SC	RAGT 2n	Fenaco, Moudon		SM11/e2
P8333	X80H165	SC	Pioneer	Pioneer, Manno		SM11/e2
SY Pandoras	SB1165	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/e2	SM11/e2
Bernardino KWS	KXB6141	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e2	SM11/e2
KWS Fabiano	KXB6142	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e2	SM11/e2
Neutrino	KXB 5202	SC	Saaten Union GmbH	Hauenstein, Rafz		SM11/e1
ES Tourmaline	ESZ6206	SC	Euralis, F			SM11/e1
ES3486	ES3486	SC	Monsanto, USA	Monsanto, Morges		SM11/e1
X80M498	X80M498	SC	Pioneer	Pioneer, Manno		SM11/e1
LZM 266/55	LZM 266/55	SC	Limagrain, F	Fenaco, Moudon		SM11/e1
Fantoso	BPZ 6120	TC	von Moreau Saatzucht, D	Samen Steffen, Langenthal		SM11/e1
KXB6151	KXB6151	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM11/e1
KWS Iconico	KXB6315	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM11/e1
KXB7311	KXB7311	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM11/e1
SM H0205	SM H0205	SC	von Moreau Saatzucht, D	Samen Steffen, Langenthal	KM11/1.	SM11/1.
SM F0166	SM F0166	SC	von Moreau Saatzucht, D	Samen Steffen, Langenthal	KM11/1.	SM11/1.
RH16109	RH16109	SC	RAGT 2n, F	Fenaco, Moudon		SM11/e1
RH17041	RH17041	SC	RAGT 2n, F	Fenaco, Moudon		SM11/e1
SA0746	SA0746	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/e1	SM11/e1
SA0766	SA0766	SC	Syngenta, CH	Syngenta, Dielsdorf		SM11/e1
DFI46316	DFI46316		DSP, Delley	DSP, Delley		SM11/1.
Hermينو	SL15051	SC	Saatbau Linz, A	Hauenstein, Rafz		SM11/e1
LG 30215	LZM 162/51	SC	Limagrain / Europe	Fenaco, Moudon		SM11/T
SY Talisman	SA1002	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/S	SM11/T
Cranberri CS	CSM3168	TC	Caussade Semences	Fenaco, Moudon		SM11/T
LG 31259	LZM265/32	SC	Limagrain / Europe	Fenaco, Moudon		SM11/T
LG 31237	LZM265/34	SC	Limagrain / Europe	Fenaco, Moudon		SM11/T
Severeen	LZM265/52	SC	Limagrain / Europe	Fenaco, Moudon		SM11/T
Hulk			agaSaat GmbH & Co	Schweizer, Thun		FS

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

Technische Versuchsausgaben / données techniques / technical information										
Standort / lieu / site:	1260 Nyon (412 m altitude)	Grangeneuve (650 m ü.M.)	Deiley (500 m ü.M.) Pré Billion 1	Habstetten (680 m ü.M.)	Alikon (494 m ü.M.)	Zürich - Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Eilighausen (503 m ü.M.)		
Bodenart / type de sol / soil type:	limono sableux	moyen	Moyen: 15-20 % argille, pH 7.2	sandiger Lehm	schwach humoser Schlufflehm	Parabraunerde	Leicht; mittel humos	stark sandiger Lehm		
Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ se mts récolte / see ding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):	nicht geerntet / pas récolté	-	259.0 mm (selon AgroMétéo, station Deiley) 1508.6 °C (selon AgroMétéo, station Deiley, seuil 6°C)	235 mm (ev. nicht ganz vollständig) 1733 °C	247.7 mm (Meteostation Hohenrain) 1687.6 °C (Meteostation Hohenrain)	265.4 mm 1524.4 °C	234.9 mm (Meteostation Wil/Steinmaur) 1561.6 °C (Meteostation Wil/Steinmaur)	248.6 mm 1527.7 °C		
Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen / blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzellengröße / grandeur d'une parcelle / plot size:	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	Semé: 17 m2 per single plot (brut, avec chemin), 14.4 m2 net, 4 rangs Récolté: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	15 m2 pro Parzelle brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto		
Vorfrucht / précédent cultural / previous crop:	colza	prairie temporaire	Mais grain	blé d'hiver	Zuckerrüben	Zuckerrüben / betrave à sucre / sugar beets	Winterweizen	Raps - Zwischenfutter (Wick-Hafer-Erbsenmischung)		
Bodenbearbeitung / travail du sol / soil cultivation:	26.10. labour 19.04. hersage 27.04. hersage	24. 04. et 7. 05.: déchaumeur; 9. 05. et 11. 05.: herse à disques	14.02.2018: Labour 21.05.2018: Herse rotative	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Grubber nachher Streifenrassaat	Pflug (6.3.18), Federzahnegge (18.4.18) / charrue, herse / plough, harrow	06.05. 2018 Pflug/charrue/plow; 07.05.2018 Kreiselegge/herse rotative/rotary harrow	Pflug (Hobst) und Kreiselegge / charrue (automne) et herse rotative / plough (fall) and rotary harrow		
Saat / date de semis / sowing date:	27.04.2018	11.05.2018	22.05.2018 (jour 142)	09.05.2018	21.04.2018	20.04.2018	08.05.2018	25.04.2018		
Ernte / date de récolte / harvest date:	nicht geerntet / pas récolté	19.09.2018	04.09.2018 (jour 247)	26.09.2018	27.08.2018	16.08.2018	28.08.2018	30.08.2018		

Technische Versuchsausgaben / données techniques / technical information									
Standort / lieu / site:	1260 Nyon (412 m altitude)	Grangeneuve (650 m ü.M.)	Deiley (500 m ü.M.) Pré Billion 1	Habstetten (680 m ü.M.)	Alikon (494 m ü.M.)	Zürich- Affoltern (440 m ü.M.)	Eglisau (395 m ü.M.)	Eilighausen (503 m ü.M.)	
Saadichte / densité de semis / sowing density:	10.0 Körner / grains pro m <sup>2</sup>	10.0 Körner / grains pro m <sup>2</sup>	Semis: 10,8 grains pro m <sup>2</sup> , éclairci à 10 plantes/m <sup>2</sup>	10.0 Körner / grains pro m <sup>2</sup>	11.0 Körner / grains pro m <sup>2</sup>	11.0 Körner / grains pro m <sup>2</sup>	11.0 Körner / grains pro m <sup>2</sup>	11.0 Körner / grains pro m <sup>2</sup>	
Vegetationsdauer / durée de végétation / growing period	136 Tage / jours / days	131 Tage / jours / days	105 Tage / jours / days	140 Tage / jours / days	128 Tage / jours / days	118 Tage / jours / days	112 Tage / jours / days	127 Tage / jours / days	
Reihenabstand / interlignes / row distance:	75 cm	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm	75 cm	
Mechanische Unkrautbekämpfung / dés herbage mécanique / mechanical weed control:	-	-	-	-	-	Hacken (11.5.18)	-	-	
Chemische Unkrautbekämpfung / dés herbage chimique / chemical weed control:	Gardo Gold 4 l/ha Banvel 4S 0,5 l/ha Elumis 1,3 l/ha (04.06.2018)	1.6.18: 1.5 l/ha Equip Power	15.06.2018: Gardo Gold (4 L/ha) + Elumis (1.3 L/ha)	Elumis 1.3 l/ha + Banvel 4S 0.4l/ha (17.06.18)	07.05.2018: Equip Power 1.5 l/ha + Spectrum 1.1 l/ha	24.5.: Aspect 2.0l/ha, Laudis 2.0l/ha, Banvel 0.5l/ha	24.05.2018 Gardo Gold 4 lt. / Callisto 0.6 lt / Dasul extra 0.6 lt Ha	15.5.: Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha	
Grunddüngung / fumure de base / basic fertilisation:	Purin de bovins 54 m <sup>3</sup> /ha 55 P2O5 22 MgO	-	13.02.2018: Landor 0.20.30 (270kg/ha)	-	24.04.2018: Schweinegülle 30m <sup>3</sup> /ha; Hühnermist 6m <sup>3</sup> /ha; Bodenaktivator TMCE 120 kg/ha	11.4. Triple Superphosphat 46% 92 kgP2O5/ha; 12.4. Kali 60% 180 kg K2O/ha	28.04.2018 Mist 70 m <sup>3</sup> /ha	nach Raps 20 t/ha Stapelmist (Herbst 2017)	
N-Düngung / fumure N / N fertilisation:	Urée perle 46 % 117 kg/ha 54 N	175 kg/ha Nitrate sulfomagnésien (25N, 5mg, 8.5S) 43 N (11.05.) 200 kg Urée 46% N 92 N (15.06.)	22.05.2018: Sulfonitrate 26.0.0 (300 kg/ha) 18.06.2018: Urée 46.0.0 (150 kg/ha)	36.5 kg N/ha (ammonitrate, 26.05.18); 78 kg N/ha (urée 10.06.18)	21.4.2018: Ammonsalpeter 90 kg/ha; 14.05.2018 Harnstoff 170 kg/ha; 06.06.2018 Blattdüngung Micronährstoffe 6 l/ha	Harnstoff 46% 82.8 kg N/ha (11.5.), Harnstoff 46% 32.2 kg N/ha (11.5.)	29.05.2018 Harnstoff 46% 300 kg/ha	5.5.: Ammonsalpeter (55 kg N/ha); 5.6. Harnstoff (70 kg N/ha)	
Ernte / Récolte / harvest:	Baural Maishäcksler / ensileuse	Baural Maishäcksler / ensileuse	Ensileuse expérimentale	Baural Maishäcksler / ensileuse	New Holland Versuchsmaishäcksler				

3.2.4 Index / Indice

Sorte	Status	VOS	Ertrag: Reife		Jugend-entwi.	Wurzellaag. Veg.		Wurzellaag. Stängelbr.		Beulen-brand		Oekon. Index		Agron. Index		Gesamt-index	
			1.83	1.29		-0.04	0.00	0.32	0.00	0.12	1.23	1.69	2.92				
Benedictio KWS	S	-0.60	1.83	1.29	-0.04	0.00	0.32	0.00	0.00	0.12	1.23	1.69	2.92				
ES3486	e1	2.48	-1.51	-0.53	0.01	0.00	0.62	0.59	-0.13	0.97	0.56	1.53					
KXB6151	e1	-2.39	2.52	0.07	0.11	0.00	0.76	-0.75	-0.37	0.13	-0.19	-0.05					
LG 31237	T	-0.83	-0.06	2.54	0.07	0.00	-1.74	0.04	-0.25	-0.89	0.66	-0.23					
RH17041	e1	1.35	-0.40	-1.14	0.10	0.00	-0.22	0.47	-0.68	0.94	-1.47	-0.53					
P8333	e2	1.71	2.86	-3.22	-0.12	-0.13	-1.41	-0.31	-1.63	4.57	-6.81	-2.24					
X80M498	e1	-5.22	-3.03	6.01	0.24	0.00	-0.72	0.07	-0.09	-8.26	5.51	-2.75					
SY Pandoras	e2	-2.48	2.60	-3.81	0.21	0.00	1.02	-0.20	-0.17	0.12	2.94	-2.82					
Severeen	T	1.55	-2.73	-0.58	-0.30	0.00	-0.64	-0.28	0.13	-1.19	-1.67	-2.85					
SY Tellas	S	0.60	-1.83	-1.29	0.04	0.00	-0.32	0.00	-0.12	-1.23	-1.69	-2.92					
Bernardino KWS	e2	-3.20	-1.04	0.57	0.12	0.00	-0.65	0.26	0.15	-4.25	0.45	-3.80					
RH16109	e1	-1.91	1.01	-2.02	0.44	-0.13	-0.57	-0.67	-0.13	-0.90	-3.07	-3.98					
LG 30248	S	-0.55	-3.42	-0.27	0.09	0.00	-0.06	-0.21	-0.02	-3.97	-0.47	-4.43					
LZM 266/55	e1	-3.08	-1.25	-1.04	0.13	0.00	0.24	0.26	-0.02	-4.33	-0.44	-4.77					
SM H0205	1	-4.03	-0.04	-0.62	0.15	0.00	-0.41	0.19	-0.06	-4.07	-0.75	-4.81					
RGT Bixx	e2	-0.72	-0.91	-2.72	0.03	0.00	-0.46	0.50	-0.53	-1.63	-3.19	-4.82					
LG 31259	T	-1.79	-1.20	-0.25	0.29	0.00	-0.83	-1.02	-0.07	-2.99	-1.90	-4.89					
Fantoso	e1	-1.41	0.26	-0.58	0.16	0.00	-3.33	0.24	-0.23	-1.15	-3.75	-4.90					
SY Talisman	T	-1.31	-2.65	1.61	0.16	0.00	-2.65	0.66	-0.74	-3.96	-0.96	-4.91					
SM F0166	1	-2.74	-2.51	-1.81	0.04	0.00	0.96	0.65	0.01	-5.25	-0.14	-5.39					
Amaroc	S	-4.91	0.08	0.53	0.16	0.00	0.21	-1.57	-0.41	-4.83	-1.08	-5.91					
ES Tourmaline	e1	-1.21	-1.65	-2.71	-0.02	-0.03	0.66	-0.67	-0.40	-2.86	-3.17	-6.03					
SA0766	e1	-1.62	-1.12	0.70	0.28	-0.26	-2.61	-2.32	-0.70	-2.74	-4.91	-7.65					
Cranberri CS	T	-3.13	-6.42	3.17	-0.06	0.00	-1.72	0.19	0.20	-9.55	1.79	-7.76					
KWS Iconico	e1	-1.91	-2.94	-2.34	0.21	0.00	-0.85	0.00	-0.04	-4.85	-3.03	-7.88					
KWS Fabiano	e2	-3.08	0.23	-2.37	-0.11	-0.13	-1.08	-0.87	-0.59	-2.85	-5.15	-8.00					
ES Albatros	S	-0.32	-4.48	-3.30	-0.13	-0.07	-0.19	-0.68	0.15	-4.81	-4.22	-9.02					
Gottardo KWS	S	-2.01	-7.74	1.50	-0.17	0.00	0.84	-0.65	-1.02	-9.75	0.50	-9.25					
DKC 3440	S	-4.65	-5.57	1.58	-0.08	0.00	-0.44	-0.15	0.07	-10.23	0.97	-9.26					
KXB7311	e1	-3.25	-1.22	0.57	-0.01	0.00	-1.14	-3.98	-0.37	-4.48	-4.94	-9.42					
SA0746	e1	-4.65	-4.29	4.09	0.20	0.00	-3.17	-1.70	-0.05	-8.94	-0.62	-9.55					
Hulk	FS	0.63	-0.84	-7.29	0.11	0.00	-2.35	0.18	-0.21	-0.21	-9.56	-9.77					
LG 30215	T	-4.55	-7.72	0.61	0.18	0.00	-0.07	0.58	0.09	-12.26	1.38	-10.88					
Neutrino	e1	-5.88	-5.51	-1.79	0.15	-0.13	0.79	0.00	-0.16	-11.39	-1.15	-12.54					
Hermino	e1	-8.23	-2.92	-3.07	0.01	0.00	0.55	0.58	-0.99	-11.14	-2.92	-14.07					
DFI46316	1	-10.90	-4.43	-1.45	0.29	0.00	0.11	0.07	-0.24	-15.33	-1.22	-16.56					
<b>Bezugsgrößen</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>				
Anz. Beob.		19	19	19	22	6	9	9	13								
Anz. Orte		7	7	7	8	2	3	3	5								
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25								

## 3.2.5 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- ent- wicklg. Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Wurzel- lager Veg. %	Wurzel- lager Ernte %
ES Albatros	4.4	73.9	74.5	276.7	128.0	46.1	1.0	4.1
Gottardo KWS	4.4	71.4	71.5	259.3	112.0	43.2	-0.1	0.4
LG 30248	3.9	71.9	71.3	256.3	112.3	43.8	0.0	3.6
DKC 3440	4.3	72.1	72.1	252.7	105.7	41.8	0.0	5.0
<b>Benedictio KWS</b>	<b>4.2</b>	<b>72.7</b>	<b>73.0</b>	<b>274.5</b>	<b>128.3</b>	<b>46.7</b>	<b>0.0</b>	<b>2.3</b>
<b>SY Telias</b>	<b>4.0</b>	<b>72.7</b>	<b>72.9</b>	<b>250.5</b>	<b>118.8</b>	<b>47.5</b>	<b>0.0</b>	<b>4.5</b>
Amaroc	3.8	74.8	73.6	287.5	131.8	45.7	0.0	2.7
RGT Bixx	4.0	72.5	72.1	278.5	131.8	47.4	0.0	5.1
P8333	4.3	75.6	75.6	276.3	137.7	49.7	2.1	8.4
SY Pandoras	3.7	73.5	72.9	283.8	124.0	43.6	0.0	-0.2
Bernardino KWS	3.9	73.7	74.3	273.2	129.0	46.9	0.0	5.7
KWS Fabiano	4.3	75.6	74.5	290.3	135.7	46.5	2.1	7.3
Neutrino	3.8	76.2	75.9	286.8	141.3	49.1	2.1	0.6
ES Tourmaline	4.1	71.9	72.9	295.0	121.2	41.0	0.4	1.1
ES3486	4.1	72.0	71.7	281.3	116.2	41.4	0.0	1.2
X80M498	3.6	71.5	71.7	277.3	126.2	45.5	0.0	6.0
LZM 266/55	3.8	71.6	72.5	281.3	114.2	40.4	0.0	2.6
Fantoso	3.8	73.1	72.2	274.3	122.0	44.6	0.0	15.2
KXB6151	3.9	73.2	74.0	282.7	133.8	47.2	0.0	0.7
KWS Iconico	3.7	74.8	73.3	279.0	135.0	48.3	0.0	6.4
KXB7311	4.1	72.1	73.2	274.7	133.3	48.4	0.0	7.5
SM H0205	3.8	73.4	72.6	270.5	116.7	43.2	0.0	4.9
SM F0166	4.0	72.8	72.0	277.5	111.8	40.4	0.0	0.0
RH16109	3.2	72.5	71.0	271.8	117.2	43.1	2.0	5.4
RH17041	3.9	73.5	73.3	286.8	133.0	46.3	0.0	4.2
SA0746	3.7	71.8	71.5	267.3	116.2	43.3	0.0	14.7
SA0766	3.5	73.8	73.4	264.7	130.3	49.4	4.2	12.7
DFI46316	3.5	73.1	72.1	277.7	128.5	46.2	0.0	3.0
Hermio	4.1	74.2	74.7	280.0	120.7	43.0	0.0	1.4
LG 30215	3.7	71.2	71.3	275.8	124.5	45.1	0.0	3.7
SY Talisman	3.8	72.5	72.3	273.7	123.8	45.3	0.0	12.8
Cranberri CS	4.2	71.1	71.0	259.0	103.3	39.9	0.0	9.5
LG 31259	3.5	72.0	72.3	298.7	134.5	45.0	0.0	6.4
LG 31237	3.9	71.7	72.3	283.7	123.7	43.5	0.0	9.6
Severeen	4.7	72.9	73.8	284.5	128.8	45.2	0.0	5.7
Hulk	3.9	76.5	75.9	284.8	137.2	48.1	0.0	11.8
<b>Bezugsgrösse(n)</b>	<b>4.1</b>	<b>72.7</b>	<b>72.9</b>	<b>262.5</b>	<b>123.6</b>	<b>47.1</b>	<b>0.0</b>	<b>3.4</b>
<b>Versuchs-Mittel</b>	<b>3.9</b>	<b>73.0</b>	<b>72.9</b>	<b>276.4</b>	<b>124.7</b>	<b>45.1</b>	<b>0.4</b>	<b>5.4</b>
VK [%]	19.7	1.6	1.6	4.1	8.8	8.0	635.8	194.7
KGD (5%)	0.5	0.9	0.9	8.5	8.1	2.7		
KGD (1%)	0.6	1.2	1.2	11.2	10.7	3.5		
Versuchsstreuung	0.8	1.2	1.2	11.5	10.9	3.6	2.5	10.6
FG Fehlerterm	450.0	315.0	315.0	315.0	315.0	315.0	125.0	195.0
Anz. Beob.	22.0	14.0	14.0	14.0	14.0	14.0	6.0	9.0
Anz. Orte	8.0	5.0	5.0	5.0	5.0	5.0	2.0	3.0
Minimum	3.2	71.1	71.0	250.5	103.3	39.9	-0.1	-0.2
Maximum	4.7	76.5	75.9	298.7	141.3	49.7	4.2	15.2

Sorten Bezeichnung	Stängel- bruch Ernte %	Beulen- brand %	Mais- zünsler %	allg. Ein- druck Note	Effekt. Best. dichte Pfl./m2	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %	VOS- Ertrag dt/ha
ES Albatros	4.9	0.5	3.4	4.5	9.6	600.7	218.2	36.5	152.2
Gottardo KWS	4.8	7.9	6.5	4.6	9.9	518.6	210.8	40.9	145.6
LG 30248	3.2	1.6	6.7	4.3	9.6	563.4	220.7	39.3	153.5
DKC 3440	3.0	1.0	10.6	3.4	9.8	525.7	215.7	41.0	147.6
<b>Benedictio KWS</b>	<b>2.5</b>	<b>0.7</b>	<b>4.3</b>	<b>4.4</b>	<b>9.0</b>	<b>576.5</b>	<b>232.6</b>	<b>40.7</b>	<b>161.8</b>
<b>SY Telias</b>	<b>2.5</b>	<b>2.2</b>	<b>5.6</b>	<b>3.8</b>	<b>9.5</b>	<b>585.8</b>	<b>224.3</b>	<b>38.4</b>	<b>156.9</b>
Amaroc	8.0	4.0	6.7	6.1	9.9	570.2	228.7	40.0	156.2
RGT Bixx	0.7	4.8	6.9	4.3	9.5	612.2	226.4	37.1	157.3
P8333	3.5	11.9	3.8	4.8	9.3	641.6	235.0	36.6	164.5
SY Pandoras	3.2	2.5	3.8	3.9	10.0	650.8	234.4	36.1	161.7
Bernardino KWS	1.5	0.4	3.7	5.3	9.6	567.0	226.1	40.1	155.7
KWS Fabiano	5.6	5.2	4.7	5.7	9.8	612.8	229.0	37.4	157.8
Neutrino	2.5	2.4	6.4	4.4	9.7	570.3	215.9	37.9	147.0
ES Tourmaline	4.8	4.0	5.3	4.2	9.7	607.8	224.7	37.1	155.9
ES3486	0.4	2.2	7.3	3.6	9.5	576.6	225.0	39.1	158.2
X80M498	2.2	2.0	7.7	4.0	9.8	497.5	221.5	45.1	150.8
LZM 266/55	1.5	1.5	6.8	4.4	9.8	588.1	225.6	38.6	155.6
Fantoso	1.6	2.9	5.0	4.9	9.8	585.3	229.1	39.0	158.9
KXB6151	5.1	3.8	6.7	4.3	9.6	593.4	234.2	39.6	161.7
KWS Iconico	2.5	1.7	3.9	4.7	10.0	598.9	221.7	37.4	153.4
KXB7311	16.6	3.8	6.7	5.5	9.6	562.3	225.7	40.1	155.4
SM H0205	1.8	1.8	2.3	4.3	10.0	586.4	228.4	39.0	156.6
SM F0166	0.1	1.3	1.3	4.6	9.7	590.8	222.7	37.9	153.6
RH16109	4.8	2.3	5.5	4.4	10.0	611.7	230.8	37.7	159.7
RH17041	0.8	5.8	3.2	4.0	10.0	595.1	227.6	38.5	159.4
SA0746	8.5	1.7	3.1	3.7	9.8	507.1	218.7	43.3	149.7
SA0766	10.7	5.9	5.2	5.6	10.1	563.7	225.9	40.2	156.5
DFI46316	2.2	3.0	6.2	3.5	9.9	572.8	218.3	38.2	145.5
Hermino	0.4	7.7	4.8	4.5	8.4	606.9	221.8	36.7	149.1
LG 30215	0.4	0.9	4.5	4.2	9.7	526.3	210.8	40.1	143.9
SY Talisman	0.1	6.1	3.1	2.9	9.9	547.3	222.4	41.0	154.5
Cranberri CS	1.8	0.1	3.3	4.7	9.4	505.1	213.8	42.5	147.0
LG 31259	6.1	1.9	6.6	3.3	9.7	573.9	225.7	39.3	156.0
LG 31237	2.3	3.0	5.3	4.5	10.0	545.9	228.3	41.9	158.8
Severeen	3.5	0.6	3.7	3.4	9.6	570.6	222.2	39.0	156.0
Hulk	1.8	2.8	6.5	4.2	9.4	688.8	226.6	32.9	158.9
<b>Bezugsgrösse(n)</b>	<b>2.5</b>	<b>1.4</b>	<b>5.0</b>	<b>4.1</b>	<b>9.3</b>	<b>581.1</b>	<b>228.5</b>	<b>39.6</b>	<b>159.4</b>
<b>Versuchs-Mittel</b>	<b>3.5</b>	<b>3.1</b>	<b>5.2</b>	<b>4.4</b>	<b>9.7</b>	<b>577.7</b>	<b>224.1</b>	<b>39.1</b>	<b>154.8</b>
VK [%]	185.5	104.4	74.2	18.0	4.3	9.3	7.8	6.0	9.1
KGD (5%)	6.0	2.5		1.3	0.3	34.4	11.1	1.5	9.0
KGD (1%)	8.0	3.3		1.7	0.3	45.3	14.7	2.0	11.9
Versuchsstreuung	6.5	3.2	3.9	0.8	0.4	53.9	17.4	2.3	14.1
FG Fehlerterm	195.0	280.0	105.0	55.0	380.0	365.0	380.0	395.0	395.0
Anz. Beob.	9.0	13.0	5.0	3.0	19.0	19.0	19.0	19.0	19.0
Anz. Orte	3.0	5.0	2.0	1.0	7.0	7.0	7.0	7.0	7.0
Minimum	0.1	0.1	1.3	2.9	8.4	497.5	210.8	32.9	143.9
Maximum	16.6	11.9	10.6	6.1	10.1	688.8	235.0	45.1	164.5

Sorten Bezeichnung	Stärke- Ertrag dt/ha	VOS Gehalt NIR g/kg TS	Stärke Gehalt NIR g/kg TS	Rohfaser Gehalt NIR g/kg TS	NDF Gehalt NIR g/kg TS	Rohprotein Gehalt NIR g/kg TS	NEL Gehalt MJ/kg TS	NEV Gehalt MJ/kg TS
ES Albatros	66.8	696.2	303.7	176.4	387.1	68.9	6.3	6.5
Gottardo KWS	69.8	691.4	331.3	170.7	370.5	64.6	6.3	6.4
LG 30248	69.1	695.6	310.9	172.1	387.8	64.3	6.3	6.5
DKC 3440	66.4	683.9	308.6	176.5	392.4	63.0	6.2	6.3
<b>Benedictio KWS</b>	<b>72.1</b>	<b>695.4</b>	<b>309.8</b>	<b>172.1</b>	<b>387.8</b>	<b>63.8</b>	<b>6.3</b>	<b>6.5</b>
<b>SY Telias</b>	<b>78.7</b>	<b>698.9</b>	<b>349.5</b>	<b>164.0</b>	<b>367.6</b>	<b>66.5</b>	<b>6.4</b>	<b>6.5</b>
Amaroc	68.8	683.1	300.9	181.5	399.9	62.7	6.2	6.3
RGT Bixx	74.3	695.1	327.3	174.4	387.6	65.1	6.3	6.4
P8333	74.9	702.0	320.4	174.9	392.1	68.6	6.4	6.5
SY Pandoras	75.7	690.1	322.5	173.2	384.4	68.5	6.2	6.4
Bernardino KWS	70.8	688.0	312.1	175.0	394.0	64.6	6.2	6.3
KWS Fabiano	70.3	688.4	306.7	177.1	386.7	64.1	6.2	6.3
Neutrino	61.2	680.3	279.3	191.1	414.0	65.2	6.1	6.2
ES Tourmaline	76.5	693.7	339.0	166.2	369.6	67.8	6.3	6.4
ES3486	70.4	704.2	313.1	167.1	369.6	63.4	6.4	6.6
X80M498	66.9	682.2	303.1	182.3	396.1	60.9	6.2	6.3
LZM 266/55	70.5	688.3	312.7	174.6	380.4	66.7	6.2	6.4
Fantoso	75.4	693.1	329.5	168.7	372.0	67.8	6.3	6.4
KXB6151	71.3	690.3	304.4	177.2	390.9	66.4	6.2	6.4
KWS Iconico	71.8	691.7	322.5	175.6	385.5	66.9	6.3	6.4
KXB7311	71.0	687.9	314.3	174.9	379.5	63.8	6.2	6.3
SM H0205	77.4	685.6	340.1	171.5	383.2	66.4	6.2	6.3
SM F0166	73.4	689.3	327.8	176.3	383.0	69.7	6.2	6.4
RH16109	71.6	691.7	309.9	171.3	373.0	64.3	6.3	6.4
RH17041	75.0	701.0	330.1	170.2	383.6	65.4	6.4	6.5
SA0746	69.7	683.9	319.2	175.1	388.3	62.4	6.2	6.3
SA0766	68.6	692.5	302.9	177.6	398.8	63.7	6.3	6.4
DFI46316	66.5	666.0	303.7	185.2	394.2	63.0	6.0	6.0
Hermino	65.0	673.6	294.4	185.7	423.1	65.1	6.1	6.1
LG 30215	72.5	684.2	344.1	168.6	375.4	65.3	6.2	6.3
SY Talisman	73.2	693.4	328.1	172.8	384.1	62.3	6.3	6.4
Cranberri CS	66.3	688.2	309.4	176.2	396.5	63.7	6.2	6.4
LG 31259	72.6	692.0	322.2	173.4	384.3	64.1	6.3	6.4
LG 31237	78.9	694.8	346.7	163.6	365.2	64.2	6.3	6.4
Severeen	76.1	701.6	339.7	168.1	369.1	64.8	6.4	6.5
Hulk	73.9	699.0	323.1	167.3	373.1	68.9	6.3	6.5
<b>Bezugsgrösse(n)</b>	<b>75.4</b>	<b>697.2</b>	<b>329.7</b>	<b>168.1</b>	<b>377.7</b>	<b>65.2</b>	<b>6.3</b>	<b>6.5</b>
<b>Versuchs-Mittel</b>	<b>71.5</b>	<b>690.5</b>	<b>318.4</b>	<b>174.1</b>	<b>385.3</b>	<b>65.2</b>	<b>6.2</b>	<b>6.4</b>
VK [%]	14.4	3.3	10.7	8.2	7.4	4.5	4.0	5.0
KGD (5%)	6.6	14.3	21.7	9.1	18.2	1.9	0.2	0.2
KGD (1%)	8.7	18.9	28.5	11.9	24.0	2.5	0.2	0.3
Versuchsstreuung	10.3	22.5	34.0	14.2	28.6	3.0	0.2	0.3
FG Fehlerterm	395.0	390.0	395.0	395.0	380.0	365.0	390.0	390.0
Anz. Beob.	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
Anz. Orte	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Minimum	61.2	666.0	279.3	163.6	365.2	60.9	6.0	6.0
Maximum	78.9	704.2	349.5	191.1	423.1	69.7	6.4	6.6

## 3.2.6 Details / Détails

## Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	4.4 -----	4.7 ----	2.7 -----	5.5 -----	5.0 ----
Gottardo KWS	4.4 -----	4.7 ----	2.5 -----	6.0 -----	5.3 -----
LG 30248	3.9 ----	4.7 ----	2.2 -----	4.5 ---	4.3 -
DKC 3440	4.3 -----	5.3 -----	2.5 -----	5.0 -----	5.7 -----
Benedictio KWS	4.2 -----	4.7 ----	2.1 ----	5.0 -----	5.0 ----
SY Telias	4.0 -----	4.3 ----	2.5 -----	5.5 -----	5.3 -----
Amaroc	3.8 ---	4.7 ----	2.2 ----	5.0 -----	5.0 ----
RGT Bixx	4.0 -----	4.3 ----	2.5 -----	5.0 -----	5.0 ----
P8333	4.3 -----	4.7 ----	2.9 -----	5.0 -----	6.0 -----
SY Pandoras	3.7 ---	3.7 --	2.2 ----	5.0 -----	5.3 -----
Bernardino KWS	3.9 ----	3.7 --	2.4 -----	5.0 -----	5.3 -----
KWS Fabiano	4.3 -----	4.7 ----	2.3 -----	5.0 -----	5.3 -----
Neutrino	3.8 ----	4.7 ----	1.5 -	4.5 ---	5.0 ----
ES Tourmaline	4.1 -----	5.0 -----	2.8 -----	5.0 -----	5.0 ----
ES3486	4.1 -----	4.7 ----	2.7 -----	5.0 -----	5.3 -----
X80M498	3.6 ---	3.7 --	2.2 ----	5.0 -----	4.7 ---
LZM 266/55	3.8 ----	4.7 ----	2.3 -----	5.0 -----	5.0 ----
Fantoso	3.8 ----	4.0 ---	2.2 -----	4.5 ---	4.3 -
KXB6151	3.9 ----	4.7 ----	2.2 -----	5.0 -----	5.3 -----
KWS Iconico	3.7 ---	4.7 ----	1.8 ---	4.5 ---	4.3 -
KXB7311	4.1 -----	4.7 ----	2.8 -----	5.0 -----	5.3 -----
SM H0205	3.8 ---	4.3 ----	1.9 ---	4.5 ---	5.0 ----
SM F0166	4.0 -----	4.3 ----	2.1 ----	5.0 -----	5.0 ----
RH16109	3.2 -	3.3 -	2.0 ----	4.0 -	4.3 -
RH17041	3.9 ----	4.7 ----	2.3 -----	5.0 -----	5.7 -----
SA0746	3.7 ---	3.7 --	1.9 ---	5.0 -----	5.0 ----
SA0766	3.5 ---	3.7 --	2.0 ---	4.5 ---	5.0 ----
DFI46316	3.5 ---	4.3 ----	2.0 ---	4.5 ---	4.7 ---
Hermino	4.1 -----	5.0 -----	2.5 -----	5.5 -----	4.7 ---
LG 30215	3.7 ----	4.3 ----	2.3 -----	4.0 -	5.3 -----
SY Talisman	3.8 ----	3.7 --	2.1 ----	5.0 -----	5.0 ----
Cranberri CS	4.2 -----	6.3 -----	2.3 -----	5.0 -----	5.0 ----
LG 31259	3.5 ---	4.3 ----	2.0 ---	5.0 -----	4.7 ---
LG 31237	3.9 -----	4.0 ---	2.7 -----	5.0 -----	5.7 -----
Severeen	4.7 -----	5.0 -----	2.5 -----	5.5 -----	5.3 -----
Hulk	3.9 ----	4.3 ----	2.5 -----	5.0 -----	5.0 ----
-Bezugsgrösse(n)	4.1 -----	4.5 ----	2.3 -----	5.3 -----	5.2 -----
Versuchs-Mittel	3.9 ----	4.4 ----	2.3 -----	4.9 ----	5.1 ----
VK [%]	19.7	15.7	13.1	7.9	11.9
KGD (5%)	0.5	1.1	0.5	0.8	ns
KGD (1%)	0.6	1.5	0.7	ns	ns
Versuchs-Streuung	0.8	0.7	0.3	0.4	0.6
FG Fehlerterm	450.0	70.0	55.0	35.0	70.0
Anz. Beob.	22.0	3.0	3.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	70.3	35	3.36 ***	1.45	0.0001
Anbauorte	607.1	7	144.99 ***	2.03	0.0000
WW Verf.*Anb.Orte	139.6	245	0.95 ns	1.20	
Fehler	269.2	450			
Insgesamt	1086.2	737			



## Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	5643 Alikon AG	8046 Reckenholz ZH	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	4.2 -----	3.2 ----	5.1 -----	4.5 -----
Gottardo KWS	3.8 ----	3.8 -----	5.0 -----	4.3 -----
LG 30248	3.5 ---	3.8 -----	4.6 -----	3.7 -----
DKC 3440	3.3 --	4.0 -----	3.9 ----	4.3 -----
<b>Benedictio KWS</b>	<b>4.4 -----</b>	<b>4.0 -----</b>	<b>4.0 ----</b>	<b>4.2 -----</b>
<b>SY Telias</b>	<b>4.3 -----</b>	<b>3.3 ----</b>	<b>4.0 ----</b>	<b>2.8 ---</b>
Amaroc	3.9 ----	3.8 -----	2.9 -	2.7 --
RGT Bixx	3.9 ----	3.2 ----	4.3 ----	4.0 -----
P8333	4.1 -----	3.5 -----	4.3 ----	4.2 -----
SY Pandoras	4.0 -----	2.3 -	3.8 ---	3.0 ----
Bernardino KWS	3.3 --	3.2 ----	4.4 ----	3.7 -----
KWS Fabiano	4.2 -----	3.8 -----	4.7 ----	4.3 -----
Neutrino	3.8 ----	2.8 ---	4.3 ----	3.8 -----
ES Tourmaline	4.3 -----	3.2 ----	4.3 ----	3.5 -----
ES3486	3.9 ----	2.3 -	5.0 -----	3.7 -----
X80M498	3.8 ----	2.7 --	3.6 ---	3.3 ----
LZM 266/55	3.9 ----	2.7 --	3.9 ----	3.2 ----
Fantoso	3.8 ----	4.3 -----	4.8 -----	2.3 -
KXB6151	3.8 ----	3.3 ----	3.7 ---	2.8 ---
KWS Iconico	3.5 ---	3.0 ----	4.6 ----	3.0 ----
KXB7311	5.0 -----	3.8 -----	3.9 ----	2.3 -
SM H0205	3.9 ----	3.7 -----	3.3 --	3.7 -----
SM F0166	3.7 ----	3.2 ----	5.3 -----	3.3 ----
RH16109	3.2 -	2.7 --	3.7 ---	2.3 -
RH17041	3.1 -	2.7 --	4.2 ----	3.5 -----
SA0746	3.6 ---	2.5 --	5.1 -----	2.7 --
SA0766	3.9 ----	3.0 ----	3.5 ---	2.8 ---
DFI46316	3.1 -	3.7 -----	3.6 ---	2.3 -
Hermino	4.6 -----	3.3 ----	4.0 ----	3.0 ----
LG 30215	3.5 ---	2.3 -	4.1 ----	3.8 -----
SY Talisman	3.9 ----	3.0 ----	5.1 -----	2.3 -
Cranberri CS	4.5 -----	3.0 ----	4.0 ----	3.7 -----
LG 31259	3.5 ---	2.2 -	3.0 -	3.5 -----
LG 31237	3.4 --	3.3 ----	4.0 ----	3.5 -----
Severeen	4.7 -----	4.8 -----	6.0 -----	3.7 -----
Hulk	3.3 --	3.2 ----	4.4 ----	3.3 ----
<b>-Bezugsgrösse(n)</b>	<b>4.3 -----</b>	<b>3.7 -----</b>	<b>4.0 ----</b>	<b>3.5 -----</b>
Versuchs-Mittel	3.8 ----	3.2 ----	4.2 ----	3.4 ----
VK [%]	12.6	26.4	13.1	40.1
KGD (5%)	0.8	ns	1.1	ns
KGD (1%)	1.1	ns	ns	ns
Versuchs-Streuung	0.5	0.9	0.6	1.3
FG Fehlerterm	55.0	70.0	25.0	70.0
Anz. Beob.	3.0	3.0	2.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
ES Albatros	73.9 -----	69.7 ----	70.0 -----	73.7 ----	76.7 ----
Gottardo KWS	71.4 -	68.0 -	66.5 ----	71.7 -	75.0 -
LG 30248	71.9 --	68.3 -	66.0 ---	73.0 ---	76.3 ---
DKC 3440	72.1 ---	68.7 --	65.5 --	71.7 -	77.0 ----
<b>Benedictio KWS</b>	<b>72.7 ----</b>	<b>69.3 ---</b>	<b>66.0 ---</b>	<b>73.7 ----</b>	<b>77.0 ----</b>
<b>SY Telias</b>	<b>72.7 ----</b>	<b>69.0 --</b>	<b>67.0 ----</b>	<b>74.0 ----</b>	<b>77.3 ----</b>
Amaroc	74.8 -----	71.7 -----	68.5 -----	76.3 -----	79.0 -----
RGT Bixx	72.5 ---	68.3 -	67.0 ----	73.3 ----	76.0 ---
P8333	75.6 -----	70.7 -----	69.5 -----	77.0 -----	79.7 -----
SY Pandoras	73.5 ----	69.3 ---	69.0 -----	75.0 -----	76.0 ---
Bernardino KWS	73.7 ----	69.7 ----	66.5 ----	75.7 -----	78.7 -----
KWS Fabiano	75.6 -----	73.0 -----	70.0 -----	77.3 -----	79.3 -----
Neutrino	76.2 -----	73.3 -----	69.5 -----	78.0 -----	79.3 -----
ES Tourmaline	71.9 --	68.3 -	66.0 ---	72.7 ---	76.0 ---
ES3486	72.0 --	68.3 -	66.0 ---	73.0 ---	75.3 --
X80M498	71.5 -	68.3 -	65.5 --	71.7 -	76.0 ---
LZM 266/55	71.6 --	69.3 ---	66.0 ---	71.3 -	75.7 --
Fantoso	73.1 ----	69.3 ---	67.0 ----	74.0 ----	78.3 -----
KXB6151	73.2 ----	69.0 --	66.5 ----	75.7 -----	77.3 -----
KWS Iconico	74.8 -----	72.7 -----	69.5 -----	75.3 -----	79.3 -----
KXB7311	72.1 ---	69.0 --	66.0 ---	73.3 ----	77.0 ----
SM H0205	73.4 ----	72.0 -----	66.0 ---	74.3 ----	76.7 ----
SM F0166	72.8 ----	68.3 -	66.5 ----	75.0 -----	76.7 ----
RH16109	72.5 ---	69.0 --	68.0 -----	73.3 ----	76.3 ---
RH17041	73.5 ----	69.0 --	66.0 ---	74.3 ----	78.3 ----
SA0746	71.8 --	68.0 -	66.5 ----	72.7 ---	75.7 --
SA0766	73.8 -----	69.3 ---	69.0 -----	76.0 -----	77.0 ----
DFI46316	73.1 ----	68.3 -	66.5 ----	74.7 -----	78.0 -----
Hermino	74.2 -----	71.0 -----	68.0 -----	75.7 -----	79.0 -----
LG 30215	71.2 -	68.0 -	65.0 -	72.3 --	75.0 -
SY Talisman	72.5 ---	68.0 -	67.0 ----	73.3 ----	77.3 ----
Cranberri CS	71.1 -	68.3 -	65.0 -	71.7 -	74.7 -
LG 31259	72.0 --	68.3 -	65.5 --	72.0 --	76.3 ---
LG 31237	71.7 --	68.3 -	65.0 -	72.7 ---	76.3 ---
Severeen	72.9 ----	68.0 -	65.5 --	74.3 ----	78.3 ----
Hulk	76.5 -----	73.0 -----	69.5 -----	77.7 -----	81.0 -----
<b>-Bezugsgrösse(n)</b>	<b>72.7 ----</b>	<b>69.2 ---</b>	<b>66.5 ----</b>	<b>73.8 ----</b>	<b>77.2 ----</b>
Versuchs-Mittel	73.0 ----	69.5 ---	67.0 ----	74.1 ----	77.2 ----
VK [%]	1.6	1.6	0.8	1.5	1.4
KGD (5%)	0.9	1.8	1.1	1.9	1.8
KGD (1%)	1.2	2.4	1.5	2.5	2.3
Versuchs-Streuung	1.2	1.1	0.6	1.1	1.1
FG Fehlerterm	315.0	70.0	35.0	70.0	70.0
Anz. Beob.	14.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	987.6	35	19.53 ***	1.46	0.0000
Anbauorte	8780.2	4	1519.14 ***	2.40	0.0000
WW Verf.*Anb.Orte	299.3	140	1.48 ns	1.26	
Fehler	455.2	315			
Insgesamt	10522.3	494			

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

Verfahren	8566	
	Ellighausen TG	
ES Albatros	79.7	-----
Gottardo KWS	75.7	-
LG 30248	75.7	-
DKC 3440	77.7	----
<b>Benedictio KWS</b>	<b>77.3</b>	----
<b>SY Telias</b>	<b>76.3</b>	--
Amaroc	78.3	-----
RGT Bixx	77.7	----
P8333	81.3	-----
SY Pandoras	78.0	----
Bernardino KWS	78.0	----
KWS Fabiano	78.3	-----
Neutrino	80.7	-----
ES Tourmaline	76.7	---
ES3486	77.3	----
X80M498	76.0	--
LZM 266/55	75.7	-
Fantoso	76.7	---
KXB6151	77.3	----
KWS Iconico	77.3	----
KXB7311	75.3	-
SM H0205	78.0	----
SM F0166	77.3	----
RH16109	76.0	--
RH17041	79.7	-----
SA0746	76.3	--
SA0766	77.7	----
DFI46316	78.0	----
Hermino	77.3	----
LG 30215	75.7	-
SY Talisman	76.7	---
Cranberri CS	75.7	-
LG 31259	77.7	----
LG 31237	76.0	--
Severeen	78.3	-----
Hulk	81.3	-----
<b>-Bezugsgrösse(n)</b>	<b>76.8</b>	---
Versuchs-Mittel	77.5	----
VK [%]	2.1	
KGD (5%)	2.7	
KGD (1%)	3.5	
Versuchs-Streuung	1.6	
FG Fehlerterm	70.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
ES Albatros	74.5 -----	69.3 -----	69.0 -----	75.0 -----	78.3 -----
Gottardo KWS	71.5 --	67.3 -	66.5 ----	71.7 --	76.0 --
LG 30248	71.3 -	67.0 -	65.0 -	71.0 -	77.7 ----
DKC 3440	72.1 ---	67.7 --	65.5 --	72.0 --	77.7 ----
<b>Benedictio KWS</b>	<b>73.0 ----</b>	<b>68.7 ----</b>	<b>66.0 ---</b>	<b>73.3 ----</b>	<b>77.7 ----</b>
<b>SY Telias</b>	<b>72.9 ----</b>	<b>69.0 ----</b>	<b>66.0 ---</b>	<b>74.0 ----</b>	<b>78.3 ----</b>
Amaroc	73.6 -----	69.3 -----	66.5 ----	74.3 ----	78.7 -----
RGT Bixx	72.1 ---	68.3 ----	65.5 --	72.3 ---	76.3 --
P8333	75.6 -----	70.7 -----	68.0 -----	78.0 -----	79.3 -----
SY Pandoras	72.9 ----	68.0 ---	68.0 -----	73.0 ---	76.3 --
Bernardino KWS	74.3 -----	70.0 -----	66.5 ----	76.3 -----	79.3 -----
KWS Fabiano	74.5 -----	69.0 ----	69.0 -----	75.3 -----	80.0 -----
Neutrino	75.9 -----	71.3 -----	69.5 -----	77.3 -----	80.0 -----
ES Tourmaline	72.9 ---	70.0 -----	66.5 ----	74.0 ----	77.3 ---
ES3486	71.7 --	67.7 --	65.5 --	72.0 --	76.0 --
X80M498	71.7 --	68.0 ---	65.0 -	71.7 --	77.0 ----
LZM 266/55	72.5 ----	70.0 -----	66.5 ----	72.7 ---	76.7 ---
Fantoso	72.2 ---	67.3 -	66.5 ----	72.3 ---	78.7 -----
KXB6151	74.0 -----	70.0 -----	67.0 ----	75.7 -----	79.0 -----
KWS Iconico	73.3 ----	68.7 ----	68.0 -----	73.3 ----	79.7 -----
KXB7311	73.2 ----	69.3 -----	66.5 ----	74.3 ----	78.7 -----
SM H0205	72.6 ----	70.0 -----	65.5 --	72.7 ---	76.7 ---
SM F0166	72.0 ---	67.3 -	65.5 --	72.7 ---	77.0 ----
RH16109	71.0 -	67.0 -	65.5 --	71.0 -	76.0 --
RH17041	73.3 ----	68.3 ----	66.0 ---	73.7 ----	78.7 -----
SA0746	71.5 --	67.0 -	66.0 ---	72.0 --	76.0 --
SA0766	73.4 ----	68.3 ----	67.0 ----	76.0 -----	78.0 ----
DFI46316	72.1 ---	67.0 -	65.0 -	72.3 ---	78.7 -----
Hermino	74.7 -----	70.7 -----	68.0 -----	76.7 -----	79.0 -----
LG 30215	71.3 -	67.3 -	65.0 -	72.3 ---	75.7 -
SY Talisman	72.3 ---	67.3 -	66.0 ---	72.7 ---	78.0 ----
Cranberri CS	71.0 -	67.7 --	65.0 -	71.3 -	75.3 -
LG 31259	72.3 ---	68.0 ---	66.0 ---	73.0 ---	76.7 ---
LG 31237	72.3 ---	67.7 --	66.0 ---	74.0 ----	77.0 ----
Severeen	73.8 ----	67.7 --	66.5 ----	76.3 -----	78.3 ----
Hulk	75.9 -----	71.0 -----	68.0 ----	78.0 -----	81.0 -----
<b>-Bezugsgrösse(n)</b>	<b>72.9 ----</b>	<b>68.8 ----</b>	<b>66.0 ---</b>	<b>73.7 ----</b>	<b>78.0 ----</b>
Versuchs-Mittel	72.9 ----	68.6 ----	66.5 ----	73.7 ----	77.8 ----
VK [%]	1.6	1.6	1.0	1.2	1.5
KGD (5%)	0.9	1.8	1.4	1.4	1.9
KGD (1%)	1.2	2.4	1.9	1.9	2.5
Versuchs-Streuung	1.2	1.1	0.7	0.9	1.1
FG Fehlerterm	315.0	70.0	35.0	70.0	70.0
Anz. Beob.	14.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	879.5	35	17.40 ***	1.46	0.0000
Anbauorte	11123.4	4	1925.96 ***	2.40	0.0000
WW Verf.*Anb.Orte	305.9	140	1.51 ns	1.26	
Fehler	454.8	315			
Insgesamt	12763.5	494			

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

Verfahren	8566	
	Ellighausen TG	
ES Albatros	80.7	-----
Gottardo KWS	76.0	--
LG 30248	75.7	-
DKC 3440	77.7	----
<b>Benedictio KWS</b>	<b>79.3</b>	<b>-----</b>
<b>SY Telias</b>	<b>77.0</b>	<b>----</b>
Amaroc	79.0	-----
RGT Bixx	78.0	----
P8333	82.0	-----
SY Pandoras	79.0	-----
Bernardino KWS	79.3	-----
KWS Fabiano	79.3	-----
Neutrino	81.3	-----
ES Tourmaline	76.7	----
ES3486	77.3	----
X80M498	77.0	----
LZM 266/55	76.7	----
Fantoso	76.3	--
KXB6151	78.3	----
KWS Iconico	77.0	----
KXB7311	77.0	----
SM H0205	78.0	----
SM F0166	77.7	----
RH16109	75.3	-
RH17041	79.7	-----
SA0746	76.3	--
SA0766	77.7	----
DFI46316	77.7	----
Hermino	79.0	-----
LG 30215	76.0	--
SY Talisman	77.3	----
Cranberri CS	75.7	-
LG 31259	78.0	----
LG 31237	76.7	----
Severeen	80.3	-----
Hulk	81.7	-----
<b>-Bezugsgrösse(n)</b>	<b>78.2</b>	<b>----</b>
Versuchs-Mittel	78.0	----
VK [%]	2.2	
KGD (5%)	2.8	
KGD (1%)	3.7	
Versuchs-Streuung	1.7	
FG Fehlerterm	70.0	
Anz. Beob.	3.0	

## Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
ES Albatros	276.7 -----	245.0 -----	270.0 ---	288.3 -----	296.7 -----
Gottardo KWS	259.3 --	235.0 ----	270.0 ---	276.7 ----	271.7 ---
LG 30248	256.3 --	233.3 ----	265.0 --	275.0 ----	258.3 -
DKC 3440	252.7 -	218.3 --	260.0 -	261.7 -	270.0 --
<b>Benedictio KWS</b>	<b>274.5 -----</b>	<b>248.3 -----</b>	<b>282.5 -----</b>	<b>280.0 -----</b>	<b>283.3 -----</b>
<b>SY Telias</b>	<b>250.5 -</b>	<b>210.0 -</b>	<b>257.5 -</b>	<b>266.7 --</b>	<b>260.0 -</b>
Amaroc	287.5 -----	258.3 -----	297.5 -----	295.0 -----	291.7 -----
RGT Bixx	278.5 -----	248.3 -----	292.5 -----	281.7 ----	290.0 ----
P8333	276.3 -----	233.3 ----	290.0 -----	275.0 ----	293.3 ----
SY Pandoras	283.8 -----	236.7 ----	297.5 -----	290.0 -----	303.3 -----
Bernardino KWS	273.2 ----	238.3 ----	272.5 ----	276.7 ----	295.0 -----
KWS Fabiano	290.3 -----	256.7 -----	295.0 -----	301.7 -----	311.7 -----
Neutrino	286.8 -----	260.0 -----	277.5 ----	288.3 ----	315.0 -----
ES Tourmaline	295.0 -----	260.0 -----	305.0 -----	303.3 -----	320.0 -----
ES3486	281.3 -----	260.0 -----	305.0 -----	281.7 ----	295.0 -----
X80M498	277.3 -----	245.0 ----	290.0 -----	281.7 ----	293.3 ----
LZM 266/55	281.3 -----	250.0 -----	285.0 ----	286.7 -----	313.3 -----
Fantoso	274.3 -----	246.7 -----	290.0 -----	281.7 ----	273.3 ---
KXB6151	282.7 -----	258.3 -----	285.0 ----	283.3 ----	293.3 ----
KWS Iconico	279.0 -----	246.7 -----	295.0 -----	295.0 -----	286.7 ----
KXB7311	274.7 -----	243.3 ----	275.0 ----	281.7 ----	291.7 ----
SM H0205	270.5 ----	233.3 ----	287.5 -----	286.7 -----	276.7 ----
SM F0166	277.5 ----	245.0 ----	292.5 -----	288.3 -----	285.0 ----
RH16109	271.8 ----	240.0 ----	287.5 ----	290.0 ----	263.3 -
RH17041	286.8 -----	250.0 -----	302.5 -----	285.0 ----	310.0 -----
SA0746	267.3 ----	235.0 ----	265.0 --	285.0 ----	283.3 ----
SA0766	264.7 ----	230.0 ----	275.0 ----	276.7 ----	270.0 --
DFI46316	277.7 -----	241.7 -----	300.0 -----	283.3 -----	281.7 ----
Hermino	280.0 -----	265.0 -----	280.0 ----	271.7 ---	296.7 -----
LG 30215	275.8 -----	248.3 -----	282.5 ----	290.0 -----	286.7 ----
SY Talisman	273.7 ----	238.3 ----	285.0 ----	275.0 ----	285.0 ----
Cranberri CS	259.0 --	233.3 ----	265.0 --	270.0 ---	260.0 -
LG 31259	298.7 -----	270.0 -----	305.0 -----	301.7 -----	316.7 -----
LG 31237	283.7 -----	255.0 -----	285.0 ----	283.3 ----	303.3 ----
Severeen	284.5 -----	256.7 -----	292.5 ----	283.3 ----	296.7 ----
Hulk	284.8 -----	253.3 -----	302.5 -----	280.0 ----	301.7 ----
<b>-Bezugsgrösse(n)</b>	<b>262.5 ---</b>	<b>229.2 ---</b>	<b>270.0 ---</b>	<b>273.3 ---</b>	<b>271.7 ---</b>
Versuchs-Mittel	276.4 -----	245.2 -----	285.1 -----	283.4 -----	289.5 -----
VK [%]	4.1	3.7	4.3	3.0	4.5
KGD (5%)	8.5	14.6	24.8	13.9	21.3
KGD (1%)	11.2	19.4	33.2	18.4	28.3
Versuchs-Streuung	11.5	9.0	12.2	8.5	13.1
FG Fehlerterm	315.0	70.0	35.0	70.0	70.0
Anz. Beob.	14.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	59819.5	35	13.01 ***	1.46	0.0000
Anbauorte	128671.8	4	244.84 ***	2.40	0.0000
WW Verf.*Anb.Orte	26471.5	140	1.44 ns	1.26	
Fehler	41385.6	315			
Insgesamt	256348.5	494			

## Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	8566	
	Ellighausen TG	
ES Albatros	283.3	-----
Gottardo KWS	243.3	-
LG 30248	250.0	--
DKC 3440	253.3	--
<b>Benedictio KWS</b>	<b>278.3</b>	<b>-----</b>
<b>SY Telias</b>	<b>258.3</b>	<b>---</b>
Amaroc	295.0	-----
RGT Bixx	280.0	-----
P8333	290.0	-----
SY Pandoras	291.7	-----
Bernardino KWS	283.3	-----
KWS Fabiano	286.7	-----
Neutrino	293.3	-----
ES Tourmaline	286.7	-----
ES3486	265.0	----
X80M498	276.7	-----
LZM 266/55	271.7	-----
Fantoso	280.0	-----
KXB6151	293.3	-----
KWS Iconico	271.7	-----
KXB7311	281.7	-----
SM H0205	268.3	----
SM F0166	276.7	-----
RH16109	278.3	-----
RH17041	286.7	-----
SA0746	268.3	----
SA0766	271.7	-----
DFI46316	281.7	-----
Hermino	286.7	-----
LG 30215	271.7	-----
SY Talisman	285.0	-----
Cranberri CS	266.7	----
LG 31259	300.0	-----
LG 31237	291.7	-----
Severeen	293.3	-----
Hulk	286.7	-----
<b>-Bezugsgrösse(n)</b>	<b>268.3</b>	<b>----</b>
Versuchs-Mittel	278.5	-----
VK [%]	5.0	
KGD (5%)	22.6	
KGD (1%)	30.0	
Versuchs-Streuung	13.9	
FG Fehlerterm	70.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
ES Albatros	128.0 -----	110.0 -----	105.0 ----	133.3 -----	156.7 -----
Gottardo KWS	112.0 ---	100.0 ---	95.0 ---	121.7 ---	131.7 ---
LG 30248	112.3 ---	101.7 ---	100.0 ---	118.3 ---	121.7 --
DKC 3440	105.7 -	93.3 -	85.0 -	111.7 --	133.3 ---
<b>Benedictio KWS</b>	<b>128.3 -----</b>	<b>108.3 -----</b>	<b>105.0 ----</b>	<b>123.3 -----</b>	<b>165.0 -----</b>
<b>SY Telias</b>	<b>118.8 -----</b>	<b>103.3 ----</b>	<b>102.5 ----</b>	<b>121.7 ----</b>	<b>153.3 -----</b>
Amaroc	131.8 -----	115.0 -----	117.5 -----	136.7 -----	155.0 -----
RGT Bixx	131.8 -----	118.3 -----	117.5 -----	130.0 -----	158.3 -----
P8333	137.7 -----	111.7 -----	130.0 -----	131.7 -----	171.7 -----
SY Pandoras	124.0 -----	100.0 ---	120.0 -----	110.0 --	151.7 -----
Bernardino KWS	129.0 -----	105.0 ----	110.0 ----	131.7 -----	175.0 -----
KWS Fabiano	135.7 -----	111.7 -----	125.0 -----	150.0 -----	158.3 -----
Neutrino	141.3 -----	120.0 -----	120.0 ----	145.0 -----	180.0 -----
ES Tourmaline	121.2 ----	98.3 ---	117.5 -----	120.0 ---	143.3 ----
ES3486	116.2 ----	110.0 -----	112.5 -----	120.0 ---	131.7 ----
X80M498	126.2 -----	115.0 -----	122.5 -----	123.3 ----	146.7 ----
LZM 266/55	114.2 ---	91.7 -	92.5 --	108.3 -	143.3 ----
Fantoso	122.0 -----	115.0 -----	105.0 ----	123.3 ----	145.0 ----
KXB6151	133.8 -----	111.7 -----	112.5 -----	143.3 -----	160.0 -----
KWS Iconico	135.0 -----	110.0 -----	125.0 -----	140.0 -----	166.7 -----
KXB7311	133.3 -----	113.3 -----	105.0 ----	140.0 -----	155.0 -----
SM H0205	116.7 ----	96.7 --	105.0 ----	118.3 ----	138.3 ----
SM F0166	111.8 ---	101.7 ---	102.5 ---	118.3 ---	130.0 ---
RH16109	117.2 ---	101.7 ---	107.5 ----	123.3 ----	118.3 --
RH17041	133.0 -----	113.3 -----	130.0 -----	128.3 -----	165.0 -----
SA0746	116.2 ----	96.7 --	92.5 --	123.3 ----	141.7 ----
SA0766	130.3 -----	120.0 -----	110.0 ----	126.7 ----	156.7 ----
DFI46316	128.5 -----	103.3 ----	127.5 -----	128.3 ----	148.3 ----
Hermino	120.7 ----	108.3 ----	100.0 ----	113.3 --	158.3 ----
LG 30215	124.5 -----	111.7 -----	102.5 ----	131.7 -----	153.3 -----
SY Talisman	123.8 -----	105.0 ----	97.5 ---	135.0 -----	151.7 -----
Cranberri CS	103.3 -	91.7 -	90.0 --	105.0 -	108.3 -
LG 31259	134.5 -----	121.7 -----	112.5 -----	135.0 -----	165.0 -----
LG 31237	123.7 ----	105.0 ----	105.0 ----	118.3 ----	151.7 ----
Severeen	128.8 -----	110.0 -----	112.5 -----	135.0 -----	156.7 ----
Hulk	137.2 -----	111.7 -----	122.5 -----	128.3 ----	180.0 -----
<b>-Bezugsgrösse(n)</b>	<b>123.6 -----</b>	<b>105.8 ----</b>	<b>103.8 ----</b>	<b>122.5 ----</b>	<b>159.2 -----</b>
Versuchs-Mittel	124.7 -----	107.3 -----	109.5 -----	126.4 ----	150.7 -----
VK [%]	8.8	6.0	7.8	6.5	8.6
KGD (5%)	8.1	10.5	17.4	13.4	21.1
KGD (1%)	10.7	14.0	23.3	17.8	27.9
Versuchs-Streuung	10.9	6.5	8.6	8.2	12.9
FG Fehlerterm	315.0	70.0	35.0	70.0	70.0
Anz. Beob.	14.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	43518.5	35	10.41 ***	1.46	0.0000
Anbauorte	124801.8	4	261.25 ***	2.40	0.0000
WW Verf.*Anb.Orte	26657.9	140	1.59 ns	1.26	
Fehler	37619.1	315			
Insgesamt	232597.4	494			



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

Verfahren	8566	
	Ellighausen TG	
ES Albatros	135.0	-----
Gottardo KWS	111.7	--
LG 30248	120.0	----
DKC 3440	105.0	-
<b>Benedictio KWS</b>	<b>140.0</b>	<b>-----</b>
<b>SY Telias</b>	<b>113.3</b>	<b>--</b>
Amaroc	135.0	-----
RGT Bixx	135.0	-----
P8333	143.3	-----
SY Pandoras	138.3	-----
Bernardino KWS	123.3	----
KWS Fabiano	133.3	-----
Neutrino	141.7	-----
ES Tourmaline	126.7	----
ES3486	106.7	-
X80M498	123.3	----
LZM 266/55	135.0	-----
Fantoso	121.7	----
KXB6151	141.7	-----
KWS Iconico	133.3	-----
KXB7311	153.3	-----
SM H0205	125.0	----
SM F0166	106.7	-
RH16109	135.0	-----
RH17041	128.3	----
SA0746	126.7	----
SA0766	138.3	-----
DFI46316	135.0	-----
Hermino	123.3	----
LG 30215	123.3	----
SY Talisman	130.0	-----
Cranberri CS	121.7	----
LG 31259	138.3	-----
LG 31237	138.3	-----
Severeen	130.0	-----
Hulk	143.3	-----
<b>-Bezugsgrösse(n)</b>	<b>126.7</b>	<b>----</b>
Versuchs-Mittel	129.4	-----
VK [%]	11.6	
KGD (5%)	24.4	
KGD (1%)	ns	
Versuchs-Streuung	15.0	
FG Fehlerterm	70.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
ES Albatros	46.1 -----	44.9 -----	39.2 -----	46.2 -----	52.9 -----
Gottardo KWS	43.2 ----	42.5 ----	35.2 ---	44.1 ----	48.4 ----
LG 30248	43.8 ----	43.6 ----	37.6 ----	43.0 ----	46.7 ---
DKC 3440	41.8 --	42.8 ----	32.8 -	42.7 ---	49.3 ----
<b>Benedictio KWS</b>	<b>46.7 -----</b>	<b>43.6 -----</b>	<b>37.2 ----</b>	<b>44.1 ----</b>	<b>58.2 -----</b>
<b>SY Telias</b>	<b>47.5 -----</b>	<b>49.2 -----</b>	<b>39.8 -----</b>	<b>45.7 -----</b>	<b>58.9 -----</b>
Amaroc	45.7 -----	44.6 -----	39.5 -----	46.3 -----	53.1 -----
RGT Bixx	47.4 -----	47.6 -----	40.1 -----	46.3 -----	54.7 -----
P8333	49.7 -----	47.9 -----	44.8 -----	47.9 -----	58.5 -----
SY Pandoras	43.6 ----	42.2 ----	40.3 -----	37.9 -	49.9 ----
Bernardino KWS	46.9 -----	44.1 ----	40.2 -----	47.6 -----	59.3 -----
KWS Fabiano	46.5 -----	43.5 ----	42.4 -----	49.7 -----	50.9 ----
Neutrino	49.1 -----	46.2 -----	43.5 -----	50.4 -----	57.2 -----
ES Tourmaline	41.0 --	37.8 -	38.5 ----	39.6 --	44.8 --
ES3486	41.4 --	42.3 ----	36.9 ----	42.6 ----	44.7 --
X80M498	45.5 -----	47.0 -----	42.2 -----	43.8 ----	50.0 ----
LZM 266/55	40.4 -	36.7 -	32.4 -	37.8 -	45.7 ---
Fantoso	44.6 ----	46.6 -----	36.2 ----	43.8 ----	53.0 -----
KXB6151	47.2 -----	43.2 ----	39.5 ----	50.7 -----	54.4 -----
KWS Iconico	48.3 -----	44.6 ----	42.4 -----	47.5 -----	57.9 -----
KXB7311	48.4 -----	46.5 -----	38.2 ----	49.6 -----	53.1 -----
SM H0205	43.2 ----	41.4 ----	36.5 ----	41.3 ---	50.0 ----
SM F0166	40.4 -	41.5 ----	35.1 ---	41.1 ---	45.6 ---
RH16109	43.1 ----	42.4 ----	37.4 ----	42.5 ----	44.8 --
RH17041	46.3 -----	45.4 -----	43.0 -----	45.0 -----	53.2 -----
SA0746	43.3 ----	41.1 ---	34.9 ---	43.2 ----	49.8 ----
SA0766	49.4 -----	52.2 -----	40.1 -----	45.8 -----	58.0 -----
DFI46316	46.2 -----	42.7 ----	42.5 -----	45.3 -----	52.8 -----
Hermino	43.0 ----	40.9 ---	35.7 ---	41.7 ----	53.4 -----
LG 30215	45.1 -----	45.0 -----	36.2 ----	45.5 -----	53.4 -----
SY Talisman	45.3 -----	44.2 ----	34.2 --	49.1 -----	53.2 -----
Cranberri CS	39.9 -	39.4 --	34.0 --	38.9 -	41.7 -
LG 31259	45.0 -----	45.1 -----	36.9 ----	44.8 ----	52.2 ----
LG 31237	43.5 ----	41.2 ---	36.8 ----	41.7 ----	50.0 ----
Severeen	45.2 -----	42.8 ----	38.5 -----	47.6 -----	52.9 -----
Hulk	48.1 -----	44.1 ----	40.5 -----	46.1 -----	60.0 -----
<b>-Bezugsgrösse(n)</b>	<b>47.1 -----</b>	<b>46.4 -----</b>	<b>38.5 ----</b>	<b>44.9 ----</b>	<b>58.5 -----</b>
Versuchs-Mittel	45.1 -----	43.8 ----	38.4 ----	44.6 -----	52.0 ----
VK [%]	8.0	5.5	7.9	7.1	8.1
KGD (5%)	2.7	3.9	6.1	5.1	6.9
KGD (1%)	3.5	5.2	ns	6.8	9.1
Versuchs-Streuung	3.6	2.4	3.0	3.1	4.2
FG Fehlerterm	315.0	70.0	35.0	70.0	70.0
Anz. Beob.	14.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3522.7	35	7.72 ***	1.46	0.0000
Anbauorte	9775.0	4	187.48 ***	2.40	0.0000
WW Verf.*Anb.Orte	2599.8	140	1.42 ns	1.26	
Fehler	4105.9	315			
Insgesamt	20003.5	494			

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

Verfahren	8566	
	Ellighausen TG	
ES Albatros	47.5	-----
Gottardo KWS	45.8	-----
LG 30248	48.0	-----
DKC 3440	41.3	--
<b>Benedictio KWS</b>	<b>50.4</b>	<b>-----</b>
<b>SY Telias</b>	<b>43.8</b>	<b>-----</b>
Amaroc	45.2	-----
RGT Bixx	48.1	-----
P8333	49.4	-----
SY Pandoras	47.4	-----
Bernardino KWS	43.5	-----
KWS Fabiano	46.2	-----
Neutrino	48.3	-----
ES Tourmaline	44.1	-----
ES3486	40.5	--
X80M498	44.7	-----
LZM 266/55	49.6	-----
Fantoso	43.4	-----
KXB6151	48.2	-----
KWS Iconico	49.1	-----
KXB7311	54.4	-----
SM H0205	46.7	-----
SM F0166	38.5	-
RH16109	48.5	-----
RH17041	44.8	-----
SA0746	47.4	-----
SA0766	50.9	-----
DFI46316	47.8	-----
Hermino	43.1	-----
LG 30215	45.3	-----
SY Talisman	45.6	-----
Cranberri CS	45.7	-----
LG 31259	46.2	-----
LG 31237	47.5	-----
Severeen	44.3	-----
Hulk	50.0	-----
<b>-Bezugsgrösse(n)</b>	<b>47.1</b>	<b>-----</b>
Versuchs-Mittel	46.4	-----
VK [%]	9.8	
KGD (5%)	ns	
KGD (1%)	ns	
Versuchs-Streuung	4.6	
FG Fehlerterm	70.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1567 Delley FR	5643 Alikon AG
ES Albatros	1.1 ---	1.0 -	1.2 -----
Gottardo KWS	1.0 -	1.0 -	1.0 -
LG 30248	1.0 -	1.0 -	1.0 -
DKC 3440	1.0 -	1.0 -	1.0 -
<b>Benedictio KWS</b>	<b>1.0 -</b>	<b>1.0 -</b>	<b>1.0 -</b>
<b>SY Telias</b>	<b>1.0 -</b>	<b>1.0 -</b>	<b>1.0 -</b>
Amaroc	1.0 -	1.0 -	1.0 -
RGT Bixx	1.0 -	1.0 -	1.0 -
P8333	1.2 -----	1.0 -	1.3 -----
SY Pandoras	1.0 -	1.0 -	1.0 -
Bernardino KWS	1.0 -	1.0 -	1.0 -
KWS Fabiano	1.2 -----	1.3 -----	1.0 -
Neutrino	1.2 -----	1.3 -----	1.0 -
ES Tourmaline	1.0 --	1.0 -	1.1 ---
ES3486	1.0 -	1.0 -	1.0 -
X80M498	1.0 -	1.0 -	1.0 -
LZM 266/55	1.0 -	1.0 -	1.0 -
Fantoso	1.0 -	1.0 -	1.0 -
KXB6151	1.0 -	1.0 -	1.0 -
KWS Iconico	1.0 -	1.0 -	1.0 -
KXB7311	1.0 -	1.0 -	1.0 -
SM H0205	1.0 -	1.0 -	1.0 -
SM F0166	1.0 -	1.0 -	1.0 -
RH16109	1.2 -----	1.3 -----	1.0 -
RH17041	1.0 -	1.0 -	1.0 -
SA0746	1.0 -	1.0 -	1.0 -
SA0766	1.3 -----	1.7 -----	1.0 -
DFI46316	1.0 -	1.0 -	1.0 -
Hermino	1.0 -	1.0 -	1.0 -
LG 30215	1.0 -	1.0 -	1.0 -
SY Talisman	1.0 -	1.0 -	1.0 -
Cranberri CS	1.0 -	1.0 -	1.0 -
LG 31259	1.0 -	1.0 -	1.0 -
LG 31237	1.0 -	1.0 -	1.0 -
Severeen	1.0 -	1.0 -	1.0 -
Hulk	1.0 -	1.0 -	1.0 -
<b>-Bezugsgrösse(n)</b>	<b>1.0 -</b>	<b>1.0 -</b>	<b>1.0 -</b>
Versuchs-Mittel	1.0 --	1.0 -	1.0 -
VK [%]	19.1	23.4	10.8
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	0.2	0.2	0.1
FG Fehlerterm	125.0	70.0	55.0
Anz. Beob.	6.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1.2	35	0.86 ns	1.52	0.6947
Anbauorte	0.1	1	1.30 ns	3.91	0.2571
WW Verf.*Anb.Orte	1.3	35	0.99 ns	1.52	0.5009
Fehler	4.9	125			
Insgesamt	7.4	196			

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

Verfahren	Seriemittel	1567 Delley FR	5643 Alikon AG
ES Albatros	1.0 ---	0.0 -	2.1 -----
Gottardo KWS	-0.1 -	0.0 -	-0.1 -
LG 30248	0.0 -	0.0 -	0.0 -
DKC 3440	0.0 -	0.0 -	0.1 -
<b>Benedictio KWS</b>	<b>0.0 -</b>	<b>0.0 -</b>	<b>0.0 -</b>
<b>SY Telias</b>	<b>0.0 -</b>	<b>0.0 -</b>	<b>0.0 -</b>
Amaroc	0.0 -	0.0 -	0.0 -
RGT Bixx	0.0 -	0.0 -	0.0 -
P8333	2.1 -----	0.0 -	4.2 -----
SY Pandoras	-0.0 -	0.0 -	-0.1 -
Bernardino KWS	-0.0 -	0.0 -	-0.0 -
KWS Fabiano	2.1 -----	4.2 -----	-0.0 -
Neutrino	2.1 -----	4.2 -----	0.0 -
ES Tourmaline	0.4 --	0.0 -	0.9 ---
ES3486	0.0 -	0.0 -	0.0 -
X80M498	0.0 -	0.0 -	0.0 -
LZM 266/55	0.0 -	0.0 -	0.0 -
Fantoso	0.0 -	0.0 -	0.0 -
KXB6151	0.0 -	0.0 -	0.0 -
KWS Iconico	0.0 -	0.0 -	0.1 -
KXB7311	0.0 -	0.0 -	0.0 -
SM H0205	-0.0 -	0.0 -	-0.0 -
SM F0166	0.0 -	0.0 -	0.0 -
RH16109	2.0 -----	4.2 -----	-0.1 -
RH17041	-0.0 -	0.0 -	-0.1 -
SA0746	-0.0 -	0.0 -	-0.1 -
SA0766	4.2 -----	8.3 -----	-0.0 -
DFI46316	-0.0 -	0.0 -	-0.0 -
Hermino	0.0 -	0.0 -	0.0 -
LG 30215	0.0 -	0.0 -	0.0 -
SY Talisman	0.0 -	0.0 -	0.0 -
Cranberri CS	0.0 -	0.0 -	0.0 -
LG 31259	0.0 -	0.0 -	0.1 -
LG 31237	-0.0 -	0.0 -	-0.0 -
Severeen	0.0 -	0.0 -	0.0 -
Hulk	0.0 -	0.0 -	0.0 -
<b>-Bezugsgrösse(n)</b>	<b>0.0 -</b>	<b>0.0 -</b>	<b>0.0 -</b>
Versuchs-Mittel	0.4 --	0.6 -	0.2 -
VK [%]	635.8	529.3	695.0
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	2.5	3.1	1.4
FG Fehlerterm	125.0	70.0	55.0
Anz. Beob.	6.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	182.3	35	0.86 ns	1.52	0.6947
Anbauorte	7.9	1	1.30 ns	3.91	0.2571
WW Verf.*Anb.Orte	209.7	35	0.99 ns	1.52	0.5009
Fehler	759.7	125			
Insgesamt	1159.5	196			

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

Verfahren	Seriemittel	1567 Delley FR	5643 Alikon AG	8046 Reckenholz ZH
ES Albatros	1.3 ---	1.7 -----	1.2 -	1.1 -
Gottardo KWS	1.0 -	1.0 -	1.1 -	1.0 -
LG 30248	1.3 ---	1.0 -	1.7 ---	1.1 -
DKC 3440	1.4 ----	1.0 -	1.5 --	1.7 ----
<b>Benedictio KWS</b>	<b>1.2 --</b>	<b>1.0 -</b>	<b>1.3 --</b>	<b>1.2 --</b>
<b>SY Telias</b>	<b>1.4 ----</b>	<b>1.0 -</b>	<b>1.6 ---</b>	<b>1.5 ---</b>
Amaroc	1.2 --	1.0 -	1.0 -	1.6 ----
RGT Bixx	1.4 ----	1.0 -	1.4 --	1.8 ----
P8333	1.7 -----	1.7 -----	2.1 ----	1.3 --
SY Pandoras	1.0 -	1.0 -	0.9 -	1.1 -
Bernardino KWS	1.5 ----	1.0 -	1.8 ---	1.5 ---
KWS Fabiano	1.6 ----	2.0 -----	1.0 -	1.7 ----
Neutrino	1.0 -	1.0 -	1.0 -	1.1 -
ES Tourmaline	1.1 -	1.0 -	1.3 --	1.0 -
ES3486	1.1 --	1.0 -	1.2 -	1.1 -
X80M498	1.5 ----	1.0 -	2.1 ----	1.3 --
LZM 266/55	1.2 --	1.0 -	1.6 ---	1.0 -
Fantoso	2.2 -----	1.0 -	4.3 -----	1.4 --
KXB6151	1.1 -	1.0 -	1.0 -	1.1 -
KWS Iconico	1.5 ----	1.0 -	1.5 ---	2.0 ----
KXB7311	1.6 ----	1.3 ----	1.3 --	2.2 ----
SM H0205	1.4 ----	1.0 -	1.0 -	2.2 ----
SM F0166	1.0 -	1.0 -	1.0 -	1.0 -
RH16109	1.4 ----	1.0 -	2.2 ----	1.1 -
RH17041	1.3 ---	1.0 -	1.3 --	1.7 ----
SA0746	2.2 -----	1.0 -	4.0 -----	1.5 ---
SA0766	2.0 -----	2.0 -----	2.1 ----	1.9 ----
DFI46316	1.2 ---	1.0 -	1.0 -	1.7 ----
Hermino	1.1 --	1.0 -	1.3 --	1.0 -
LG 30215	1.3 ---	1.0 -	1.9 ----	1.0 -
SY Talisman	2.0 -----	1.3 ----	3.3 -----	1.4 ---
Cranberri CS	1.8 -----	1.0 -	3.1 -----	1.2 --
LG 31259	1.5 ----	1.3 ----	2.1 ----	1.1 -
LG 31237	1.8 -----	1.0 -	1.4 --	2.9 -----
Severeen	1.5 ---	1.3 ----	1.0 -	2.0 ----
Hulk	1.9 -----	1.0 -	2.2 ----	2.7 -----
<b>-Bezugsgrösse(n)</b>	<b>1.3 ---</b>	<b>1.0 -</b>	<b>1.5 --</b>	<b>1.4 --</b>
Versuchs-Mittel	1.4 ----	1.1 --	1.7 ---	1.5 ---
VK [%]	59.0	39.5	70.6	55.6
KGD (5%)	ns	ns	ns	ns
KGD (1%)	ns	ns	ns	ns
Versuchs-Streuung	0.8	0.4	1.2	0.8
FG Fehlerterm	195.0	70.0	55.0	70.0
Anz. Beob.	9.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	35.1	35	1.40 ns	1.48	0.0818
Anbauorte	17.6	2	12.24 ***	3.04	0.0001
WW Verf.*Anb.Orte	70.7	70	1.41 *	1.37	0.0357
Fehler	140.0	195			
Insgesamt	263.4	302			

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

Verfahren	Seriemittel	1567 Delley FR	5643 Alikon AG	8046 Reckenholz ZH
ES Albatros	4.1 ---	8.3 -----	2.2 -	1.7 -
Gottardo KWS	0.4 -	0.0 -	0.8 -	0.4 -
LG 30248	3.6 ---	0.0 -	9.2 ---	1.7 -
DKC 3440	5.0 ---	0.0 -	6.6 --	8.3 ---
<b>Benedictio KWS</b>	<b>2.3 --</b>	<b>0.0 -</b>	<b>4.3 --</b>	<b>2.5 --</b>
<b>SY Telias</b>	<b>4.5 ----</b>	<b>0.0 -</b>	<b>7.4 ---</b>	<b>6.3 ---</b>
Amaroc	2.7 --	0.0 -	0.5 -	7.5 ----
RGT Bixx	5.1 ----	0.0 -	4.8 --	10.4 ----
P8333	8.4 -----	8.3 -----	13.6 ----	3.3 --
SY Pandoras	-0.2 -	0.0 -	-1.5 -	0.8 -
Bernardino KWS	5.7 ----	0.0 -	10.5 ---	6.7 ---
KWS Fabiano	7.3 ----	12.5 -----	0.5 -	8.8 ----
Neutrino	0.6 -	0.0 -	0.2 -	1.7 -
ES Tourmaline	1.1 -	0.0 -	3.2 --	0.0 -
ES3486	1.2 --	0.0 -	2.3 -	1.3 -
X80M498	6.0 ----	0.0 -	13.7 ----	4.2 --
LZM 266/55	2.6 --	0.0 -	7.7 ---	0.0 -
Fantoso	15.2 -----	0.0 -	41.2 -----	4.6 --
KXB6151	0.7 -	0.0 -	0.5 -	1.7 -
KWS Iconico	6.4 ----	0.0 -	6.8 ---	12.5 -----
KXB7311	7.5 ----	4.2 ----	3.6 --	14.6 -----
SM H0205	4.9 ----	0.0 -	0.0 -	14.6 -----
SM F0166	-0.0 -	0.0 -	-0.0 -	0.0 -
RH16109	5.4 ----	0.0 -	15.5 ----	0.8 -
RH17041	4.2 ---	0.0 -	4.3 --	8.3 ---
SA0746	14.7 -----	0.0 -	37.7 -----	6.3 ---
SA0766	12.7 -----	12.5 -----	13.9 ----	11.7 ----
DFI46316	3.0 ---	0.0 -	-0.1 -	9.2 ----
Hermino	1.4 --	0.0 -	4.3 --	0.0 -
LG 30215	3.7 ---	0.0 -	11.0 ----	0.0 -
SY Talisman	12.8 -----	4.2 ----	29.3 -----	5.0 ---
Cranberri CS	9.5 -----	0.0 -	26.0 -----	2.5 --
LG 31259	6.4 ----	4.2 ----	13.3 ----	1.7 -
LG 31237	9.6 -----	0.0 -	4.6 --	24.2 -----
Severeen	5.7 ---	4.2 ----	-0.1 -	12.9 ----
Hulk	11.8 -----	0.0 -	14.4 ----	20.8 -----
<b>-Bezugsgrösse(n)</b>	<b>3.4 ---</b>	<b>0.0 -</b>	<b>5.9 --</b>	<b>4.4 --</b>
Versuchs-Mittel	5.4 ----	1.6 --	8.7 ---	6.0 ---
VK [%]	194.7	344.1	172.2	170.9
KGD (5%)	ns	ns	ns	ns
KGD (1%)	ns	ns	ns	ns
Versuchs-Streuung	10.6	5.6	14.9	10.3
FG Fehlerterm	195.0	70.0	55.0	70.0
Anz. Beob.	9.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	5483.5	35	1.40 ns	1.48	0.0818
Anbauorte	2745.9	2	12.24 ***	3.04	0.0001
WW Verf.*Anb.Orte	11046.3	70	1.41 *	1.37	0.0357
Fehler	21875.6	195			
Insgesamt	41151.4	302			

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

Verfahren	Seriemittel	1567 Delley FR	5643 Alikon AG	8046 Reckenholz ZH
ES Albatros	1.4 ---	1.3 ----	1.0 -	1.8 ---
Gottardo KWS	1.4 ---	1.7 -----	1.0 -	1.5 --
LG 30248	1.3 --	1.7 -----	1.0 -	1.1 -
DKC 3440	1.2 --	1.0 -	1.4 ---	1.4 --
<b>Benedictio KWS</b>	<b>1.2 --</b>	<b>1.0 -</b>	<b>1.1 -</b>	<b>1.5 --</b>
<b>SY Telias</b>	<b>1.2 --</b>	<b>1.3 ----</b>	<b>1.0 -</b>	<b>1.3 -</b>
Amaroc	1.6 ----	1.7 -----	1.0 -	2.3 ----
RGT Bixx	1.1 -	1.0 -	1.0 -	1.2 -
P8333	1.3 ---	1.3 ----	1.0 -	1.5 --
SY Pandoras	1.3 --	1.3 ----	1.0 -	1.4 --
Bernardino KWS	1.1 -	1.0 -	1.0 -	1.3 --
KWS Fabiano	1.4 ----	1.3 ----	1.0 -	2.0 ----
Neutrino	1.2 --	1.3 ----	1.0 -	1.3 -
ES Tourmaline	1.4 ---	2.0 -----	1.0 -	1.2 -
ES3486	1.0 -	1.0 -	1.0 -	1.1 -
X80M498	1.2 --	1.3 ----	1.0 -	1.2 -
LZM 266/55	1.1 -	1.0 -	1.0 -	1.3 --
Fantoso	1.1 --	1.0 -	1.0 -	1.4 --
KXB6151	1.4 ----	1.7 -----	1.0 -	1.6 --
KWS Iconico	1.2 --	1.0 -	1.0 -	1.6 ---
KXB7311	2.3 -----	2.0 -----	1.0 -	4.0 -----
SM H0205	1.1 --	1.0 -	1.0 -	1.4 --
SM F0166	1.0 -	1.0 -	1.0 -	1.0 -
RH16109	1.4 ---	1.3 ----	1.1 -	1.8 ---
RH17041	1.1 -	1.0 -	1.0 -	1.2 -
SA0746	1.7 -----	1.3 ----	2.3 -----	1.4 --
SA0766	1.9 -----	1.3 ----	1.0 -	3.2 -----
DFI46316	1.2 --	1.0 -	1.0 -	1.5 --
Hermino	1.0 -	1.0 -	1.0 -	1.1 -
LG 30215	1.0 -	1.0 -	1.0 -	1.1 -
SY Talisman	1.0 -	1.0 -	1.0 -	1.0 -
Cranberri CS	1.1 --	1.3 ----	1.0 -	1.1 -
LG 31259	1.5 ----	1.3 ----	1.1 -	2.0 ----
LG 31237	1.2 --	1.3 ----	1.1 -	1.1 -
Severeen	1.3 ---	1.3 ----	1.0 -	1.5 --
Hulk	1.1 --	1.0 -	1.0 -	1.4 --
<b>-Bezugsgrösse(n)</b>	<b>1.2 --</b>	<b>1.2 --</b>	<b>1.0 -</b>	<b>1.4 --</b>
Versuchs-Mittel	1.3 ---	1.3 ---	1.1 -	1.5 --
VK [%]	40.6	40.1	20.9	44.4
KGD (5%)	0.5	ns	0.4	1.1
KGD (1%)	0.6	ns	0.5	1.5
Versuchs-Streuung	0.5	0.5	0.2	0.7
FG Fehlerterm	195.0	70.0	55.0	70.0
Anz. Beob.	9.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	22.3	35	2.36 ***	1.48	0.0006
Anbauorte	11.8	2	21.86 ***	3.04	0.0000
WW Verf.*Anb.Orte	29.8	70	1.58 **	1.37	0.0077
Fehler	52.6	195			
Insgesamt	116.4	302			



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

Verfahren	Seriemittel		1567 Delley FR		5643 Alikon AG		8046 Reckenholz ZH	
ES Albatros	4.9	---	4.2	----	0.1	-	10.4	---
Gottardo KWS	4.8	---	8.3	-----	0.2	-	5.8	--
LG 30248	3.2	--	8.3	-----	-0.0	-	1.3	-
DKC 3440	3.0	--	0.0	-	4.4	---	4.6	--
<b>Benedictio KWS</b>	<b>2.5</b>	<b>--</b>	<b>0.0</b>	<b>-</b>	<b>0.7</b>	<b>-</b>	<b>6.7</b>	<b>--</b>
<b>SY Telias</b>	<b>2.5</b>	<b>--</b>	<b>4.2</b>	<b>----</b>	<b>-0.1</b>	<b>-</b>	<b>3.3</b>	<b>-</b>
Amaroc	8.0	----	8.3	-----	-0.0	-	15.8	-----
RGT Bixx	0.7	-	0.0	-	-0.0	-	2.1	-
P8333	3.5	---	4.2	----	-0.2	-	6.7	--
SY Pandoras	3.2	--	4.2	----	-0.1	-	5.4	--
Bernardino KWS	1.5	-	0.0	-	0.4	-	4.2	--
KWS Fabiano	5.6	----	4.2	----	0.0	-	12.5	----
Neutrino	2.5	--	4.2	----	-0.1	-	3.3	-
ES Tourmaline	4.8	---	12.5	-----	-0.1	-	2.1	-
ES3486	0.4	-	0.0	-	0.3	-	0.8	-
X80M498	2.2	--	4.2	----	-0.0	-	2.5	-
LZM 266/55	1.5	-	0.0	-	0.5	-	4.2	--
Fantoso	1.6	--	0.0	-	0.2	-	4.6	--
KXB6151	5.1	----	8.3	-----	-0.0	-	7.1	--
KWS Iconico	2.5	--	0.0	-	-0.1	-	7.5	---
KXB7311	16.6	-----	12.5	-----	-0.1	-	37.5	-----
SM H0205	1.8	--	0.0	-	-0.0	-	5.4	--
SM F0166	0.1	-	0.0	-	-0.0	-	0.4	-
RH16109	4.8	---	4.2	----	0.7	-	9.6	---
RH17041	0.8	-	0.0	-	-0.1	-	2.5	-
SA0746	8.5	-----	4.2	----	16.7	-----	4.6	--
SA0766	10.7	-----	4.2	----	0.0	-	27.9	-----
DFI46316	2.2	--	0.0	-	0.0	-	6.7	--
Hermino	0.4	-	0.0	-	-0.0	-	1.3	-
LG 30215	0.4	-	0.0	-	-0.0	-	1.3	-
SY Talisman	0.1	-	0.0	-	0.3	-	0.0	-
Cranberri CS	1.8	--	4.2	----	-0.1	-	1.3	-
LG 31259	6.1	----	4.2	----	1.2	-	12.9	----
LG 31237	2.3	--	4.2	----	1.1	-	1.7	-
Severeen	3.5	---	4.2	----	-0.0	-	6.3	--
Hulk	1.8	--	0.0	-	0.1	-	5.4	--
<b>-Bezugsgrösse(n)</b>	<b>2.5</b>	<b>--</b>	<b>2.1</b>	<b>--</b>	<b>0.3</b>	<b>-</b>	<b>5.0</b>	<b>--</b>
Versuchs-Mittel	3.5	---	3.2	---	0.7	-	6.5	--
VK [%]	185.5		194.9		385.0		129.3	
KGD (5%)	6.0		ns		4.5		13.8	
KGD (1%)	8.0		ns		6.0		18.3	
Versuchs-Streuung	6.5		6.3		2.8		8.5	
FG Fehlerterm	195.0		70.0		55.0		70.0	
Anz. Beob.	9.0		3.0		3.0		3.0	

### Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3479.8	35	2.36 ***	1.48	0.0006
Anbauorte	1841.0	2	21.86 ***	3.04	0.0000
WW Verf.*Anb.Orte	4656.7	70	1.58 **	1.37	0.0077
Fehler	8213.0	195			
Insgesamt	18190.6	302			

## Surface foliaire sèche [%] / dürre Blattfläche [%]

Verfahren	Seriemittel	5643 Alikon AG	8193 Eglisau ZH	8566 Ellighausen TG
ES Albatros	29.5 ---	23.3 ---	23.5 ----	41.7 ----
Gottardo KWS	25.7 ---	23.9 ----	13.3 -	40.0 ----
LG 30248	33.3 ----	36.1 ----	15.3 --	48.3 ----
DKC 3440	30.5 ----	31.2 ----	25.3 ----	35.0 --
<b>Benedictio KWS</b>	<b>35.2 -----</b>	<b>25.3 ----</b>	<b>28.7 -----</b>	<b>51.7 -----</b>
<b>SY Telias</b>	<b>31.0 ----</b>	<b>30.4 ----</b>	<b>21.0 ---</b>	<b>41.7 ----</b>
Amaroc	33.6 ----	27.6 ----	29.8 ----	43.3 ----
RGT Bixx	31.3 ---	28.0 ----	22.7 ---	43.3 ----
P8333	27.9 ---	11.9 -	26.9 ----	45.0 ----
SY Pandoras	18.4 -	15.4 --	16.5 --	23.3 -
Bernardino KWS	35.8 -----	35.4 ----	27.0 ----	45.0 ----
KWS Fabiano	29.7 ---	22.0 ---	18.7 ---	48.3 ----
Neutrino	24.0 --	24.2 ---	14.5 -	33.3 ---
ES Tourmaline	19.0 -	15.3 --	11.6 -	30.0 --
ES3486	33.0 ----	28.1 ----	24.2 ---	46.7 ----
X80M498	52.4 -----	42.9 -----	46.0 -----	68.3 -----
LZM 266/55	33.4 ----	29.6 ----	27.2 ----	43.3 ----
Fantoso	33.4 ----	29.5 ----	22.5 ---	48.3 ----
KXB6151	31.2 ---	17.2 --	16.3 --	60.0 -----
KWS Iconico	24.9 --	11.2 -	25.0 ---	38.3 ---
KXB7311	27.4 ---	18.4 --	18.7 ---	45.0 ----
SM H0205	33.9 ----	24.7 ---	28.7 ----	48.3 ----
SM F0166	27.4 ---	19.8 ---	24.0 ---	38.3 ---
RH16109	23.3 --	20.3 ---	18.0 --	31.7 --
RH17041	27.3 ---	26.0 ----	20.8 ---	35.0 ---
SA0746	38.3 -----	39.3 -----	22.3 ---	53.3 -----
SA0766	30.6 ---	18.8 --	26.3 ----	46.7 ----
DFI46316	47.9 -----	53.5 -----	40.2 -----	50.0 -----
Hermino	34.2 ----	29.9 ----	24.3 ---	48.3 ----
LG 30215	41.6 -----	36.1 ----	35.3 -----	53.3 -----
SY Talisman	36.2 -----	38.1 -----	23.7 ---	46.7 ----
Cranberri CS	42.1 -----	43.3 -----	28.0 ----	55.0 -----
LG 31259	41.5 -----	39.9 ----	34.5 -----	50.0 ----
LG 31237	42.9 -----	38.5 ----	26.8 ---	63.3 -----
Severeen	33.5 ----	26.4 ---	30.7 ----	43.3 ----
Hulk	23.3 --	20.0 ---	21.7 ---	28.3 --
<b>-Bezugsgrösse(n)</b>	<b>33.1 ----</b>	<b>27.9 ----</b>	<b>24.8 ---</b>	<b>46.7 ----</b>
Versuchs-Mittel	32.3 ----	27.8 ----	24.4 ---	44.8 ----
VK [%]	33.3	24.3	14.7	32.2
KGD (5%)	10.6	11.1	7.4	ns
KGD (1%)	14.0	14.7	10.0	ns
Versuchs-Streuung	10.8	6.8	3.6	14.4
FG Fehlerterm	150.0	55.0	25.0	70.0
Anz. Beob.	8.0	3.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	15410.9	35	3.80 ***	1.50	0.0000
Anbauorte	22771.3	2	98.28 ***	3.05	0.0000
WW Verf.*Anb.Orte	6513.9	70	0.80 ns	1.39	0.8480
Fehler	17377.7	150			
Insgesamt	62073.8	257			

## Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH	8193 Eglisau ZH
ES Albatros	0.5 -	0.6 -	1.1 -	0.0 -	0.0 -
Gottardo KWS	7.9 -----	6.5 ----	10.1 -----	22.5 -----	0.0 -
LG 30248	1.6 --	0.6 -	0.0 -	1.1 -	4.4 ---
DKC 3440	1.0 -	0.6 -	0.0 -	3.7 --	0.0 -
<b>Benedictio KWS</b>	<b>0.7 -</b>	<b>1.9 --</b>	<b>0.8 -</b>	<b>0.6 -</b>	<b>0.0 -</b>
<b>SY Telias</b>	<b>2.2 --</b>	<b>1.8 --</b>	<b>0.8 -</b>	<b>5.2 ---</b>	<b>0.0 -</b>
Amaroc	4.0 ----	3.3 ---	5.7 ----	3.6 --	5.1 ---
RGT Bixx	4.8 ----	8.5 -----	3.0 ---	11.5 -----	0.0 -
P8333	11.9 -----	14.5 -----	14.4 -----	23.1 -----	1.9 --
SY Pandoras	2.5 ---	1.7 --	0.0 -	5.2 ---	3.2 --
Bernardino KWS	0.4 -	1.2 -	0.4 -	0.5 -	0.0 -
KWS Fabiano	5.2 ----	6.6 ----	6.7 ----	4.7 ---	7.3 ----
Neutrino	2.4 ---	3.3 ---	8.3 ----	0.6 -	0.0 -
ES Tourmaline	4.0 ----	4.5 ----	4.7 ----	8.0 ---	0.0 -
ES3486	2.2 --	1.2 -	1.5 --	6.8 ----	0.0 -
X80M498	2.0 --	4.4 ----	1.1 -	2.0 -	0.9 -
LZM 266/55	1.5 --	3.4 ---	1.8 --	1.1 -	0.8 -
Fantoso	2.9 ---	3.7 ---	2.5 --	3.3 --	3.9 ---
KXB6151	3.8 ----	0.6 -	6.1 ----	9.3 ----	0.9 -
KWS Iconico	1.7 --	0.0 -	2.5 --	1.0 -	3.7 ---
KXB7311	3.8 ----	5.2 ----	8.0 -----	3.4 --	0.8 -
SM H0205	1.8 --	0.0 -	4.7 ----	3.2 --	0.0 -
SM F0166	1.3 --	0.6 -	1.2 -	3.2 --	1.6 -
RH16109	2.3 --	6.8 ----	1.4 --	2.1 --	0.0 -
RH17041	5.8 ----	2.2 --	8.2 -----	13.6 -----	0.0 -
SA0746	1.7 --	1.6 --	2.5 --	1.0 -	1.7 -
SA0766	5.9 -----	4.4 ----	1.4 --	3.1 --	19.6 -----
DFI46316	3.0 ---	2.3 --	2.2 --	3.1 --	4.1 ---
Hermino	7.7 -----	3.7 ---	3.7 ---	7.0 ----	13.2 -----
LG 30215	0.9 -	0.6 -	1.1 -	2.6 --	0.0 -
SY Talisman	6.1 -----	2.2 --	3.2 ---	13.9 -----	3.4 --
Cranberri CS	0.1 -	0.0 -	0.0 -	0.6 -	0.0 -
LG 31259	1.9 --	5.2 ----	1.5 --	0.5 -	1.7 -
LG 31237	3.0 ---	1.7 --	3.6 ---	6.7 ----	0.0 -
Severeen	0.6 -	1.7 --	1.1 -	0.0 -	0.0 -
Hulk	2.8 ---	3.8 ---	3.8 ---	3.4 --	1.8 -
<b>-Bezugsgrösse(n)</b>	<b>1.4 --</b>	<b>1.8 --</b>	<b>0.8 -</b>	<b>2.9 --</b>	<b>0.0 -</b>
Versuchs-Mittel	3.1 ---	3.1 ---	3.3 ---	5.0 ---	2.2 --
VK [%]	104.4	85.2	83.3	91.5	115.7
KGD (5%)	2.5	5.3	4.5	7.5	5.2
KGD (1%)	3.3	7.1	6.0	10.0	7.0
Versuchs-Streuung	3.2	2.6	2.8	4.6	2.6
FG Fehlerterm	280.0	35.0	70.0	70.0	35.0
Anz. Beob.	13.0	2.0	3.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2862.6	35	7.78 ***	1.47	0.0000
Anbauorte	565.7	4	13.45 ***	2.41	0.0000
WW Verf.*Anb.Orte	3780.4	140	2.57 ***	1.27	0.0001
Fehler	2944.9	280			
Insgesamt	10153.5	459			

**Charbon [%] / Beulenbrand [%]**

Verfahren	8566 Ellighausen TG	
ES Albatros	0.5	-
Gottardo KWS	0.6	-
LG 30248	1.7	--
DKC 3440	0.6	-
<b>Benedictio KWS</b>	<b>0.0</b>	<b>-</b>
<b>SY Telias</b>	<b>3.1</b>	<b>---</b>
Amaroc	2.3	---
RGT Bixx	1.2	--
P8333	5.3	-----
SY Pandoras	2.3	---
Bernardino KWS	0.0	-
KWS Fabiano	0.6	-
Neutrino	0.0	-
ES Tourmaline	2.7	---
ES3486	1.8	--
X80M498	1.5	--
LZM 266/55	0.5	-
Fantoso	1.1	--
KXB6151	2.2	---
KWS Iconico	1.2	--
KXB7311	1.6	--
SM H0205	1.1	--
SM F0166	0.0	-
RH16109	1.0	--
RH17041	4.8	-----
SA0746	1.8	--
SA0766	1.1	--
DFI46316	3.2	---
Hermino	11.1	-----
LG 30215	0.0	-
SY Talisman	8.0	-----
Cranberri CS	0.0	-
LG 31259	0.5	-
LG 31237	3.2	---
Severeen	0.0	-
Hulk	1.1	--
<b>-Bezugsgrösse(n)</b>	<b>1.6</b>	<b>--</b>
Versuchs-Mittel	1.9	--
VK [%]	135.5	
KGD (5%)	4.2	
KGD (1%)	5.5	
Versuchs-Streuung	2.6	
FG Fehlerterm	70.0	
Anz. Beob.	3.0	

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

Verfahren	Seriemittel	1725 Grangeneuve	3065 Habstetten
ES Albatros	3.4 ---	0.0 -	6.8 ----
Gottardo KWS	6.5 -----	3.5 -----	9.4 -----
LG 30248	6.7 -----	1.1 --	12.2 -----
DKC 3440	10.6 -----	7.3 -----	13.9 -----
<b>Benedictio KWS</b>	<b>4.3 ----</b>	<b>3.2 ----</b>	<b>5.4 ---</b>
<b>SY Telias</b>	<b>5.6 ----</b>	<b>4.6 -----</b>	<b>6.6 ----</b>
Amaroc	6.7 -----	4.5 -----	9.0 -----
RGT Bixx	6.9 -----	1.2 --	12.7 -----
P8333	3.8 ---	1.3 --	6.3 ----
SY Pandoras	3.8 ---	3.4 -----	4.3 --
Bernardino KWS	3.7 ---	0.6 -	6.8 ----
KWS Fabiano	4.7 ----	1.2 --	8.1 -----
Neutrino	6.4 -----	2.2 ----	10.6 -----
ES Tourmaline	5.3 ----	4.1 -----	6.4 ----
ES3486	7.3 -----	3.2 ----	11.3 -----
X80M498	7.7 -----	4.4 -----	11.1 -----
LZM 266/55	6.8 -----	4.5 -----	9.1 -----
Fantoso	5.0 ----	4.9 -----	5.0 ---
KXB6151	6.7 -----	4.1 -----	9.2 -----
KWS Iconico	3.9 ---	2.9 -----	4.9 ---
KXB7311	6.7 -----	1.7 ---	11.7 -----
SM H0205	2.3 --	2.2 ----	2.5 -
SM F0166	1.3 -	0.0 -	2.5 -
RH16109	5.5 -----	2.1 ----	8.9 -----
RH17041	3.2 ---	0.0 -	6.4 ----
SA0746	3.1 ---	1.1 --	5.1 ---
SA0766	5.2 ----	3.3 -----	7.2 -----
DFI46316	6.2 -----	0.0 -	12.3 -----
Hermino	4.8 ----	5.5 -----	4.1 --
LG 30215	4.5 ----	0.6 -	8.4 -----
SY Talisman	3.1 ---	0.5 -	5.7 ---
Cranberri CS	3.3 ---	1.2 --	5.4 ---
LG 31259	6.6 -----	5.2 -----	8.0 ----
LG 31237	5.3 ----	3.4 -----	7.3 ----
Severeen	3.7 ---	1.1 --	6.3 ----
Hulk	6.5 -----	2.6 ----	10.4 -----
<b>-Bezugsgrösse(n)</b>	<b>5.0 ----</b>	<b>3.9 -----</b>	<b>6.0 ----</b>
Versuchs-Mittel	5.2 ----	2.6 ----	7.8 ----
VK [%]	74.2	88.6	56.8
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	3.9	2.3	4.4
FG Fehlerterm	105.0	35.0	70.0
Anz. Beob.	5.0	2.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	586.8	35	1.13 ns	1.54	0.3137
Anbauorte	1232.4	1	82.92 ***	3.92	0.0000
WW Verf.*Anb.Orte	457.3	35	0.88 ns	1.54	0.6603
Fehler	1560.5	105			
Insgesamt	3837.0	176			

## Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
ES Albatros	4.5	-----	4.5	-----
Gottardo KWS	4.6	-----	4.6	-----
LG 30248	4.3	----	4.3	----
DKC 3440	3.4	--	3.4	--
<b>Benedictio KWS</b>	<b>4.4</b>	<b>-----</b>	<b>4.4</b>	<b>-----</b>
<b>SY Telias</b>	<b>3.8</b>	<b>---</b>	<b>3.8</b>	<b>---</b>
Amaroc	6.1	-----	6.1	-----
RGT Bixx	4.3	----	4.3	----
P8333	4.8	-----	4.8	-----
SY Pandoras	3.9	----	3.9	----
Bernardino KWS	5.3	-----	5.3	-----
KWS Fabiano	5.7	-----	5.7	-----
Neutrino	4.4	----	4.4	----
ES Tourmaline	4.2	----	4.2	----
ES3486	3.6	---	3.6	---
X80M498	4.0	----	4.0	----
LZM 266/55	4.4	----	4.4	----
Fantoso	4.9	-----	4.9	-----
KXB6151	4.3	----	4.3	----
KWS Iconico	4.7	-----	4.7	-----
KXB7311	5.5	-----	5.5	-----
SM H0205	4.3	----	4.3	----
SM F0166	4.6	-----	4.6	-----
RH16109	4.4	----	4.4	----
RH17041	4.0	----	4.0	----
SA0746	3.7	---	3.7	---
SA0766	5.6	-----	5.6	-----
DFI46316	3.5	--	3.5	--
Hermino	4.5	----	4.5	----
LG 30215	4.2	----	4.2	----
SY Talisman	2.9	-	2.9	-
Cranberri CS	4.7	-----	4.7	-----
LG 31259	3.3	--	3.3	--
LG 31237	4.5	-----	4.5	-----
Severeen	3.4	--	3.4	--
Hulk	4.2	----	4.2	----
<b>-Bezugsgrösse(n)</b>	<b>4.1</b>	<b>----</b>	<b>4.1</b>	<b>----</b>
Versuchs-Mittel	4.4	-----	4.4	-----
VK [%]	18.0		18.0	
KGD (5%)	1.3		1.3	
KGD (1%)	1.7		1.7	
Versuchs-Streuung	0.8		0.8	
FG Fehlerterm	55.0		55.0	
Anz. Beob.	3.0		3.0	

Densité [plant/m<sup>2</sup>] / Bestandesdichte [Pflanzen/m<sup>2</sup>]

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	9.6 -----	10.0 -----	8.4 -----	8.8 -----	9.9 -----
Gottardo KWS	9.9 -----	10.0 -----	8.5 -----	9.2 -----	10.4 -----
LG 30248	9.6 -----	10.0 -----	8.2 -----	9.1 -----	10.0 -----
DKC 3440	9.8 -----	9.8 -----	8.3 -----	9.0 -----	10.1 -----
<b>Benedictio KWS</b>	<b>9.0 ----</b>	<b>8.8 -</b>	<b>8.2 -----</b>	<b>8.1 -</b>	<b>9.5 ----</b>
<b>SY Telias</b>	<b>9.5 -----</b>	<b>10.0 -----</b>	<b>8.6 -----</b>	<b>8.5 ---</b>	<b>9.7 -----</b>
Amaroc	9.9 -----	10.0 -----	9.0 -----	9.3 -----	10.4 -----
RGT Bixx	9.5 -----	9.9 -----	8.6 -----	8.9 -----	10.2 -----
P8333	9.3 -----	9.6 -----	8.4 -----	8.6 ---	9.9 -----
SY Pandoras	10.0 -----	10.0 -----	8.8 -----	9.6 -----	10.2 -----
Bernardino KWS	9.6 -----	9.7 -----	8.4 -----	8.8 -----	10.0 -----
KWS Fabiano	9.8 -----	10.0 -----	8.4 -----	8.9 -----	10.1 -----
Neutrino	9.7 -----	10.0 -----	8.5 -----	9.2 -----	10.0 -----
ES Tourmaline	9.7 -----	10.0 -----	8.4 -----	9.3 -----	9.5 ----
ES3486	9.5 -----	9.5 -----	8.3 -----	9.2 -----	10.2 -----
X80M498	9.8 -----	9.8 -----	9.2 -----	9.1 -----	9.9 -----
LZM 266/55	9.8 -----	10.0 -----	8.9 -----	9.1 -----	10.2 -----
Fantoso	9.8 -----	10.1 -----	8.9 -----	9.3 -----	10.4 -----
KXB6151	9.6 -----	9.3 -----	8.5 -----	9.4 -----	10.4 -----
KWS Iconico	10.0 -----	10.0 -----	8.8 -----	9.0 -----	10.3 -----
KXB7311	9.6 -----	9.8 -----	8.7 -----	9.2 -----	9.9 -----
SM H0205	10.0 -----	10.0 -----	9.1 -----	9.4 -----	10.3 -----
SM F0166	9.7 -----	10.0 -----	8.0 -----	8.4 --	10.1 -----
RH16109	10.0 -----	10.0 -----	9.6 -----	9.3 -----	10.3 -----
RH17041	10.0 -----	10.0 -----	8.9 -----	9.4 -----	10.4 -----
SA0746	9.8 -----	10.0 -----	9.1 -----	9.2 -----	9.9 -----
SA0766	10.1 -----	9.8 -----	9.0 -----	9.3 -----	10.4 -----
DFI46316	9.9 -----	9.8 -----	8.9 -----	9.3 -----	10.6 -----
Hermino	8.4 -	9.3 -----	6.7 -	8.1 -	8.5 -
LG 30215	9.7 -----	10.0 -----	8.7 -----	8.7 -----	10.2 -----
SY Talisman	9.9 -----	10.0 -----	9.0 -----	9.4 -----	10.3 -----
Cranberri CS	9.4 -----	9.8 -----	8.1 -----	8.7 -----	10.2 -----
LG 31259	9.7 -----	10.0 -----	8.7 -----	8.8 -----	10.2 -----
LG 31237	10.0 -----	10.0 -----	8.9 -----	9.5 -----	10.9 -----
Severeen	9.6 -----	10.0 -----	9.0 -----	9.1 -----	9.7 -----
Hulk	9.4 -----	9.6 -----	7.8 -----	8.7 -----	10.1 -----
<b>-Bezugsgrösse(n)</b>	<b>9.3 -----</b>	<b>9.4 -----</b>	<b>8.4 -----</b>	<b>8.3 --</b>	<b>9.6 -----</b>
Versuchs-Mittel	9.7 -----	9.9 -----	8.6 -----	9.0 -----	10.1 -----
VK [%]	4.3	3.7	5.6	3.7	4.0
KGD (5%)	0.3	ns	1.0	0.5	0.7
KGD (1%)	0.3	ns	ns	0.7	0.9
Versuchs-Streuung	0.4	0.4	0.5	0.3	0.4
FG Fehlerterm	380.0	55.0	35.0	70.0	55.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	66.5	35	11.13 ***	1.45	0.0000
Anbauorte	236.9	6	231.34 ***	2.12	0.0000
WW Verf.*Anb.Orte	44.1	210	1.23 ns	1.22	
Fehler	64.9	380			
Insgesamt	412.4	631			

Densité [plantés/m<sup>2</sup>] / Bestandesdichte [Pflanzen/m<sup>2</sup>]

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	10.0	----	9.5	----	10.6	-----
Gottardo KWS	11.0	-----	10.1	-----	10.2	-----
LG 30248	10.5	-----	9.9	-----	9.5	----
DKC 3440	10.9	-----	10.1	-----	10.1	-----
<b>Benedictio KWS</b>	<b>9.7</b>	<b>---</b>	<b>9.2</b>	<b>----</b>	<b>9.8</b>	<b>-----</b>
<b>SY Telias</b>	<b>10.1</b>	<b>----</b>	<b>9.9</b>	<b>-----</b>	<b>9.6</b>	<b>----</b>
Amaroc	10.9	-----	10.0	-----	9.6	----
RGT Bixx	9.6	--	10.1	-----	9.3	----
P8333	9.9	---	9.3	----	9.7	----
SY Pandoras	10.7	-----	10.8	-----	10.0	-----
Bernardino KWS	10.2	-----	9.7	-----	10.2	-----
KWS Fabiano	10.6	-----	10.1	-----	10.3	-----
Neutrino	9.9	---	10.2	-----	10.6	-----
ES Tourmaline	10.4	-----	9.9	-----	10.1	-----
ES3486	9.9	----	9.6	-----	9.8	-----
X80M498	10.6	-----	10.1	-----	10.3	-----
LZM 266/55	10.2	----	10.2	-----	10.3	-----
Fantoso	10.2	-----	9.9	-----	10.1	-----
KXB6151	10.0	----	10.2	-----	9.8	----
KWS Iconico	10.8	-----	10.6	-----	10.4	-----
KXB7311	10.0	----	10.2	-----	9.6	----
SM H0205	10.6	-----	10.1	-----	10.4	-----
SM F0166	10.7	-----	10.6	-----	10.0	-----
RH16109	10.7	-----	10.4	-----	10.0	-----
RH17041	10.4	-----	10.3	-----	10.4	-----
SA0746	10.2	-----	10.3	-----	9.8	-----
SA0766	10.8	-----	10.5	-----	10.9	-----
DFI46316	10.5	-----	9.9	-----	10.3	-----
Hermino	9.4	-	8.3	-	8.5	-
LG 30215	10.5	-----	9.8	-----	10.0	-----
SY Talisman	10.5	-----	10.3	-----	9.9	-----
Cranberri CS	9.7	--	9.5	----	9.7	----
LG 31259	10.4	-----	9.9	-----	9.8	-----
LG 31237	10.8	-----	9.7	-----	10.6	-----
Severeen	10.1	----	9.6	-----	10.0	-----
Hulk	10.0	----	10.1	-----	9.9	-----
<b>-Bezugsgrösse(n)</b>	<b>9.9</b>	<b>---</b>	<b>9.6</b>	<b>-----</b>	<b>9.7</b>	<b>-----</b>
Versuchs-Mittel	10.3	-----	10.0	-----	10.0	-----
VK [%]	4.3		4.5		4.5	
KGD (5%)	0.7		0.9		0.7	
KGD (1%)	1.0		ns		1.0	
Versuchs-Streuung	0.4		0.5		0.5	
FG Fehlerterm	70.0		25.0		70.0	
Anz. Beob.	3.0		2.0		3.0	



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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	600.7 -----	630.8 -----	519.2 -	616.1 -----	710.2 -----
Gottardo KWS	518.6 --	584.1 ---	498.6 -	498.3 -	573.0 ----
LG 30248	563.4 ----	634.8 -----	615.4 ----	560.7 -----	563.5 ----
DKC 3440	525.7 --	564.8 --	522.6 --	495.5 -	529.5 ----
<b>Benedictio KWS</b>	<b>576.5 ----</b>	<b>664.9 -----</b>	<b>664.6 -----</b>	<b>576.0 -----</b>	<b>567.2 ----</b>
<b>SY Telias</b>	<b>585.8 ----</b>	<b>646.5 -----</b>	<b>657.3 -----</b>	<b>555.6 ----</b>	<b>612.2 ----</b>
Amaroc	570.2 ----	554.8 -	661.2 -----	560.5 -----	590.3 ----
RGT Bixx	612.2 -----	697.7 -----	639.6 -----	550.8 ----	645.2 -----
P8333	641.6 -----	700.9 -----	700.5 -----	618.8 -----	711.7 -----
SY Pandoras	650.8 -----	719.8 -----	693.6 -----	577.9 -----	658.0 -----
Bernardino KWS	567.0 ----	626.3 ----	501.7 -	575.0 -----	654.1 -----
KWS Fabiano	612.8 -----	613.2 ----	653.3 -----	589.2 -----	669.1 -----
Neutrino	570.3 ----	599.2 ----	502.7 -	573.2 -----	672.8 -----
ES Tourmaline	607.8 ----	635.0 ----	603.6 ----	606.2 -----	636.6 ----
ES3486	576.6 ----	614.4 ----	642.9 -----	561.1 ----	605.7 ----
X80M498	497.5 -	580.1 ---	511.7 -	488.7 -	481.0 -
LZM 266/55	588.1 ----	639.1 ----	569.0 ---	575.1 -----	598.8 ----
Fantoso	585.3 ----	641.2 ----	591.9 ----	603.5 -----	596.8 ----
KXB6151	593.4 ----	657.0 -----	591.3 ----	569.7 ----	654.1 -----
KWS Iconico	598.9 ----	667.7 -----	604.4 ----	628.8 -----	684.7 -----
KXB7311	562.3 ----	592.6 ---	635.5 -----	545.2 ----	559.7 ----
SM H0205	586.4 ----	589.8 ---	649.6 -----	577.6 -----	626.7 -----
SM F0166	590.8 ----	631.2 ----	654.6 -----	589.8 -----	586.3 ----
RH16109	611.7 -----	656.3 -----	648.9 -----	628.5 -----	643.9 -----
RH17041	595.1 -----	622.6 ----	664.1 -----	557.6 ----	643.6 ----
SA0746	507.1 -	560.1 --	562.9 ---	516.6 ---	473.3 -
SA0766	563.7 ----	597.4 ----	626.5 -----	530.7 ----	597.8 ----
DFI46316	572.8 ----	596.3 ----	676.1 -----	558.9 -----	537.9 ---
Hermino	606.9 -----	687.2 -----	598.8 ----	565.5 -----	611.2 ----
LG 30215	526.3 --	602.4 ----	563.7 ---	504.3 --	552.3 ---
SY Talisman	547.3 ---	610.6 ----	643.2 -----	536.6 ----	501.8 --
Cranberri CS	505.1 -	542.2 -	569.1 ---	510.6 --	482.6 -
LG 31259	573.9 ----	608.5 ----	689.8 -----	578.4 -----	573.2 ----
LG 31237	545.9 ---	570.0 --	545.4 --	505.6 --	580.6 ----
Severeen	570.6 ----	635.0 ----	648.6 -----	539.9 ----	612.0 ----
Hulk	688.8 -----	680.6 -----	748.0 -----	588.4 -----	766.9 -----
<b>-Bezugsgrösse(n)</b>	<b>581.1 ----</b>	<b>655.7 -----</b>	<b>660.9 -----</b>	<b>565.8 -----</b>	<b>589.7 ----</b>
Versuchs-Mittel	577.7 ----	623.8 ----	613.1 ----	561.5 ----	604.6 ----
VK [%]	9.3	7.4	10.6	4.5	6.1
KGD (5%)	34.4	76.0	132.6	41.4	60.6
KGD (1%)	45.3	101.2	ns	55.0	80.7
Versuchs-Streuung	53.9	46.4	65.3	25.4	37.0
FG Fehlerterm	365.0	55.0	35.0	70.0	55.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1092791.1	35	10.73 ***	1.46	0.0000
Anbauorte	2254791.4	6	129.20 ***	2.13	0.0000
WW Verf.*Anb.Orte	918199.7	210	1.50 ns	1.22	
Fehler	1061668.8	365			
Insgesamt	5327451.0	616			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	608.0	----	495.2	-----	625.3	-----
Gottardo KWS	612.0	----	429.0	----	435.3	--
LG 30248	599.1	----	429.6	----	541.1	----
DKC 3440	570.9	---	459.0	-----	537.5	----
<b>Benedictio KWS</b>	<b>605.8</b>	<b>----</b>	<b>451.1</b>	<b>-----</b>	<b>506.0</b>	<b>----</b>
<b>SY Telias</b>	<b>618.5</b>	<b>-----</b>	<b>489.2</b>	<b>-----</b>	<b>521.1</b>	<b>----</b>
Amaroc	557.4	--	484.2	-----	583.2	-----
RGT Bixx	692.7	-----	502.9	-----	556.4	-----
P8333	704.3	-----	505.3	-----	549.9	----
SY Pandoras	744.5	-----	524.5	-----	637.3	-----
Bernardino KWS	621.8	----	428.3	----	561.6	-----
KWS Fabiano	688.8	-----	472.2	-----	603.9	-----
Neutrino	640.8	----	443.4	----	560.1	-----
ES Tourmaline	689.5	-----	444.1	----	639.7	-----
ES3486	574.6	---	503.6	-----	534.1	----
X80M498	628.2	----	399.2	--	393.4	-
LZM 266/55	658.1	-----	446.8	----	630.0	-----
Fantoso	622.5	----	450.9	----	590.3	-----
KXB6151	686.8	-----	454.0	----	541.0	----
KWS Iconico	650.3	-----	392.2	--	564.5	-----
KXB7311	551.5	--	464.9	-----	587.1	-----
SM H0205	629.6	----	493.3	-----	538.4	----
SM F0166	722.5	-----	377.3	-	573.7	-----
RH16109	597.2	---	477.0	-----	630.1	-----
RH17041	691.2	-----	427.0	----	559.6	-----
SA0746	580.3	---	380.4	-	475.9	---
SA0766	576.0	---	446.9	----	570.6	-----
DFI46316	586.7	---	474.6	-----	579.2	-----
Hermino	691.0	-----	489.1	-----	605.2	-----
LG 30215	630.4	----	386.7	-	444.3	--
SY Talisman	638.0	----	383.0	-	518.1	----
Cranberri CS	506.6	-	459.8	-----	465.1	---
LG 31259	556.3	--	480.7	-----	530.3	----
LG 31237	615.0	----	436.5	----	568.4	-----
Severeen	595.8	----	424.8	----	538.0	----
Hulk	791.3	-----	530.3	-----	715.7	-----
<b>-Bezugsgrösse(n)</b>	<b>612.2</b>	<b>----</b>	<b>470.1</b>	<b>-----</b>	<b>513.6</b>	<b>----</b>
Versuchs-Mittel	631.5	-----	453.8	-----	555.9	-----
VK [%]	13.4		6.3		9.4	
KGD (5%)	ns		58.9		85.4	
KGD (1%)	ns		79.6		113.7	
Versuchs-Streuung	84.8		28.6		52.2	
FG Fehlerterm	70.0		25.0		55.0	
Anz. Beob.	3.0		2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	218.2 ----	202.9 -	188.0 -	216.9 -----	263.2 -----
Gottardo KWS	210.8 -	219.7 -----	202.2 --	207.9 ---	245.3 -----
LG 30248	220.7 -----	228.8 -----	244.0 -----	216.6 -----	234.9 ----
DKC 3440	215.7 ---	207.6 --	220.9 ----	220.9 --	237.5 ----
<b>Benedictio KWS</b>	<b>232.6 -----</b>	<b>243.0 -----</b>	<b>265.8 -----</b>	<b>227.1 -----</b>	<b>240.2 ----</b>
<b>SY Telias</b>	<b>224.3 -----</b>	<b>231.3 -----</b>	<b>253.9 -----</b>	<b>212.8 ----</b>	<b>234.9 ----</b>
Amaroc	228.7 -----	200.4 -	264.5 -----	208.3 ---	250.2 -----
RGT Bixx	226.4 -----	225.2 -----	239.3 -----	208.7 ---	253.3 -----
P8333	235.0 -----	231.7 -----	252.0 -----	225.6 -----	276.8 -----
SY Pandoras	234.4 -----	225.9 -----	239.6 -----	208.2 ---	253.5 -----
Bernardino KWS	226.1 -----	214.0 ---	201.8 --	228.9 -----	271.3 -----
KWS Fabiano	229.0 -----	210.1 ---	241.0 -----	209.4 ---	264.3 -----
Neutrino	215.9 ---	205.8 --	189.0 -	203.9 --	261.1 -----
ES Tourmaline	224.7 ----	217.2 ----	232.3 ----	231.3 -----	233.8 ----
ES3486	225.0 ----	226.8 ----	253.2 ----	210.9 ----	240.9 ----
X80M498	221.5 ----	230.2 -----	228.2 ----	221.1 -----	225.8 ----
LZM 266/55	225.6 -----	220.8 ----	225.8 ----	225.8 -----	247.1 -----
Fantoso	229.1 -----	224.0 ----	242.7 ----	232.2 -----	249.0 ----
KXB6151	234.2 -----	246.2 -----	234.4 ----	207.7 ---	262.2 -----
KWS Iconico	221.7 ----	219.4 ----	225.4 ----	210.5 ----	261.5 -----
KXB7311	225.7 -----	218.0 ----	256.5 -----	199.7 -	226.1 ----
SM H0205	228.4 -----	207.9 --	262.2 -----	221.1 -----	250.1 -----
SM F0166	222.7 ----	213.2 ---	255.8 -----	212.7 ----	231.5 ----
RH16109	230.8 -----	212.0 ---	250.9 -----	218.7 -----	260.0 -----
RH17041	227.6 -----	218.6 ----	271.2 -----	200.2 -	252.3 ----
SA0746	218.7 ----	219.3 ----	239.5 ----	211.3 ----	219.2 ---
SA0766	225.9 -----	217.0 ----	248.7 -----	207.4 ---	246.7 -----
DFI46316	218.3 ----	210.2 ---	249.5 -----	201.5 -	234.2 ----
Hermino	221.8 ----	214.2 ----	220.0 ----	207.8 ---	241.3 -----
LG 30215	210.8 -	218.3 ----	232.1 ----	210.0 ----	232.2 ----
SY Talisman	222.4 ----	235.7 -----	252.3 -----	211.2 ----	225.4 ----
Cranberri CS	213.8 --	221.0 ----	240.9 -----	212.3 ----	199.4 -
LG 31259	225.7 -----	230.5 -----	265.8 -----	205.4 --	234.5 ----
LG 31237	228.3 -----	214.5 ----	237.1 ----	218.7 -----	247.6 -----
Severeen	222.2 ----	219.9 ----	272.0 -----	215.5 ----	236.5 ----
Hulk	226.6 -----	202.1 -	252.1 -----	205.8 --	265.2 -----
<b>-Bezugsgrösse(n)</b>	<b>228.5 -----</b>	<b>237.1 -----</b>	<b>259.9 -----</b>	<b>219.9 -----</b>	<b>237.5 -----</b>
Versuchs-Mittel	224.1 ----	219.5 ----	240.3 ----	213.2 ----	244.7 ----
VK [%]	7.8	8.3	9.8	6.2	5.4
KGD (5%)	11.1	ns	ns	ns	21.7
KGD (1%)	14.7	ns	ns	ns	28.7
Versuchs-Streuung	17.4	18.2	23.5	13.3	13.3
FG Fehlerterm	380.0	55.0	35.0	70.0	70.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	25123.9	35	2.36 ***	1.45	0.0005
Anbauorte	412874.1	6	226.04 ***	2.12	0.0000
WW Verf.*Anb.Orte	122486.8	210	1.92 ***	1.22	0.0005
Fehler	115680.2	380			
Insgesamt	676165.0	631			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	247.1	---	178.3	-----	231.2	-----
Gottardo KWS	240.2	---	170.7	-----	189.4	-
LG 30248	230.7	-	170.1	-----	219.6	-----
DKC 3440	235.5	--	182.1	-----	223.6	-----
<b>Benedictio KWS</b>	<b>250.1</b>	<b>-----</b>	<b>177.8</b>	<b>-----</b>	<b>224.5</b>	<b>-----</b>
<b>SY Telias</b>	<b>231.8</b>	<b>-</b>	<b>189.8</b>	<b>-----</b>	<b>215.5</b>	<b>-----</b>
Amaroc	239.6	--	191.5	-----	246.1	-----
RGT Bixx	255.8	-----	177.5	-----	224.9	-----
P8333	265.3	-----	180.8	-----	212.8	---
SY Pandoras	280.3	-----	190.0	-----	243.6	-----
Bernardino KWS	261.2	-----	167.3	-----	238.2	-----
KWS Fabiano	263.9	-----	169.0	-----	245.1	-----
Neutrino	263.2	-----	166.0	-----	222.2	-----
ES Tourmaline	255.2	-----	156.7	---	246.5	-----
ES3486	244.2	---	175.2	-----	223.9	-----
X80M498	260.2	-----	189.4	-----	195.8	--
LZM 266/55	257.6	-----	166.3	-----	236.0	-----
Fantoso	246.7	---	163.7	-----	245.1	-----
KXB6151	269.4	-----	181.4	-----	238.3	-----
KWS Iconico	263.6	-----	145.9	-	225.9	-----
KXB7311	233.4	-	186.7	-----	259.2	-----
SM H0205	249.0	---	193.1	-----	215.3	-----
SM F0166	276.7	-----	141.6	-	227.6	-----
RH16109	244.3	---	178.9	-----	250.6	-----
RH17041	250.9	-----	185.0	-----	214.6	---
SA0746	260.8	-----	155.4	---	225.0	-----
SA0766	246.4	---	180.7	-----	234.5	-----
DFI46316	233.5	-	167.0	-----	232.4	-----
Hermino	260.4	-----	174.6	-----	234.3	-----
LG 30215	253.5	-----	142.6	-	187.1	-
SY Talisman	252.4	-----	150.7	--	229.3	-----
Cranberri CS	230.9	-	183.2	-----	208.8	---
LG 31259	242.0	---	186.9	-----	215.0	---
LG 31237	250.1	-----	184.3	-----	246.2	-----
Severeen	232.3	-	157.3	---	222.1	-----
Hulk	265.7	-----	156.2	---	238.8	-----
<b>-Bezugsgrösse(n)</b>	<b>241.0</b>	<b>---</b>	<b>183.8</b>	<b>-----</b>	<b>220.0</b>	<b>-----</b>
Versuchs-Mittel	251.2	-----	172.6	-----	227.5	-----
VK [%]	8.4		9.5		7.3	
KGD (5%)	ns		ns		27.3	
KGD (1%)	ns		ns		36.4	
Versuchs-Streuung	21.2		16.5		16.7	
FG Fehlerterm	70.0		25.0		55.0	
Anz. Beob.	3.0		2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	36.5 ----	32.1 ---	36.4 ---	35.2 --	37.4 ---
Gottardo KWS	40.9 -----	37.7 -----	40.7 -----	41.7 -----	42.7 -----
LG 30248	39.3 -----	36.2 -----	39.7 -----	38.6 -----	41.6 -----
DKC 3440	41.0 -----	36.8 -----	42.2 -----	41.0 -----	45.0 -----
<b>Benedictio KWS</b>	<b>40.7 -----</b>	<b>36.5 -----</b>	<b>40.0 -----</b>	<b>39.4 -----</b>	<b>42.3 -----</b>
<b>SY Telias</b>	<b>38.4 -----</b>	<b>35.9 -----</b>	<b>38.6 -----</b>	<b>38.3 -----</b>	<b>38.4 -----</b>
Amaroc	40.0 -----	35.9 -----	40.1 -----	37.2 ----	42.4 -----
RGT Bixx	37.1 ----	32.3 ---	37.4 ----	37.8 ----	39.2 ----
P8333	36.6 ----	33.0 ----	36.0 ---	36.5 ---	38.8 ----
SY Pandoras	36.1 ---	31.3 --	34.5 -	36.0 ---	38.6 ----
Bernardino KWS	40.1 -----	34.1 -----	40.5 -----	39.8 -----	41.6 -----
KWS Fabiano	37.4 ----	34.3 -----	36.9 ---	35.6 --	39.5 ----
Neutrino	37.9 -----	34.2 -----	37.1 -----	35.6 --	38.9 ----
ES Tourmaline	37.1 ----	34.3 -----	38.5 -----	38.2 -----	36.7 --
ES3486	39.1 -----	37.1 -----	39.4 -----	37.6 ----	39.8 ----
X80M498	45.1 -----	39.6 -----	45.0 -----	45.2 -----	47.3 -----
LZM 266/55	38.6 ----	34.5 ----	39.6 ----	39.3 ----	41.6 ----
Fantoso	39.0 -----	34.9 ----	41.0 -----	38.5 ----	41.6 ----
KXB6151	39.6 -----	37.7 -----	39.6 -----	36.6 ---	40.1 ----
KWS Iconico	37.4 ----	32.6 ---	37.3 ----	33.5 -	38.3 ----
KXB7311	40.1 -----	36.7 -----	40.4 -----	36.7 ---	40.5 ----
SM H0205	39.0 -----	35.2 -----	40.4 -----	38.3 -----	40.2 ----
SM F0166	37.9 -----	33.9 ----	39.1 -----	36.1 ---	40.0 ----
RH16109	37.7 -----	32.3 ---	38.7 -----	34.8 --	40.4 ----
RH17041	38.5 -----	35.1 ----	40.8 -----	35.9 ---	39.3 ----
SA0746	43.3 -----	39.2 -----	42.6 -----	40.9 -----	45.9 -----
SA0766	40.2 -----	36.5 -----	39.8 -----	39.1 -----	41.5 -----
DFI46316	38.2 -----	35.4 -----	36.9 ----	36.2 ---	43.8 -----
Hermino	36.7 ----	31.3 --	37.0 ----	36.7 ---	39.5 ----
LG 30215	40.1 -----	36.4 -----	41.3 -----	41.6 -----	42.1 -----
SY Talisman	41.0 -----	38.8 -----	39.2 -----	39.4 -----	45.5 -----
Cranberri CS	42.5 -----	41.0 -----	42.3 -----	41.6 -----	41.7 -----
LG 31259	39.3 -----	37.9 -----	38.6 -----	35.5 --	41.2 -----
LG 31237	41.9 -----	37.7 -----	43.5 -----	43.2 -----	42.5 -----
Severeen	39.0 -----	34.4 ----	41.9 -----	39.9 -----	38.7 ----
Hulk	32.9 -	29.6 -	33.7 -	35.0 --	34.6 -
<b>-Bezugsgrösse(n)</b>	<b>39.6 -----</b>	<b>36.2 -----</b>	<b>39.3 -----</b>	<b>38.9 -----</b>	<b>40.3 -----</b>
Versuchs-Mittel	39.1 -----	35.3 -----	39.4 -----	38.1 -----	40.8 -----
VK [%]	6.0	4.6	4.8	5.6	4.9
KGD (5%)	1.5	2.7	3.8	3.5	3.2
KGD (1%)	2.0	3.5	5.1	4.6	4.3
Versuchs-Streuung	2.3	1.6	1.9	2.1	2.0
FG Fehlerterm	395.0	55.0	35.0	70.0	70.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3368.0	35	17.57 ***	1.45	0.0000
Anbauorte	2477.5	6	75.39 ***	2.12	0.0000
WW Verf.*Anb.Orte	1376.3	210	1.20 ns	1.22	
Fehler	2163.6	395			
Insgesamt	9385.5	646			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	41.3	-----	36.3	----	37.2	---
Gottardo KWS	39.6	----	39.8	-----	44.2	-----
LG 30248	38.7	----	39.5	-----	40.9	----
DKC 3440	41.4	-----	38.9	-----	41.6	-----
<b>Benedictio KWS</b>	<b>42.0</b>	<b>-----</b>	<b>40.1</b>	<b>-----</b>	<b>44.9</b>	<b>-----</b>
<b>SY Telias</b>	<b>38.0</b>	<b>----</b>	<b>38.3</b>	<b>-----</b>	<b>41.1</b>	<b>-----</b>
Amaroc	43.1	-----	39.5	-----	42.2	-----
RGT Bixx	37.2	---	35.2	----	40.4	----
P8333	37.8	----	35.7	----	38.5	----
SY Pandoras	37.7	----	36.3	----	38.1	---
Bernardino KWS	42.5	-----	39.3	-----	42.9	-----
KWS Fabiano	38.4	----	36.1	----	41.0	-----
Neutrino	42.1	-----	37.4	-----	40.1	-----
ES Tourmaline	37.4	----	35.7	----	38.7	----
ES3486	42.6	-----	35.5	-----	41.6	-----
X80M498	41.7	-----	47.3	-----	49.3	-----
LZM 266/55	39.3	----	37.9	-----	37.9	---
Fantoso	39.8	-----	35.9	----	41.6	-----
KXB6151	39.3	----	39.2	-----	44.9	-----
KWS Iconico	42.2	-----	37.6	----	40.4	----
KXB7311	42.5	-----	39.6	-----	44.1	-----
SM H0205	40.2	-----	38.0	-----	40.8	-----
SM F0166	38.3	----	38.2	-----	39.7	----
RH16109	41.2	-----	36.6	----	39.8	-----
RH17041	36.5	---	43.3	-----	38.7	----
SA0746	45.7	-----	41.7	-----	47.2	-----
SA0766	43.3	-----	40.0	-----	41.3	-----
DFI46316	40.0	-----	34.8	---	40.4	-----
Hermino	38.5	----	35.8	----	38.4	----
LG 30215	40.2	-----	37.3	-----	41.9	-----
SY Talisman	39.9	-----	40.5	-----	44.0	-----
Cranberri CS	45.7	-----	39.3	-----	45.7	-----
LG 31259	43.7	-----	37.9	----	40.5	----
LG 31237	40.7	-----	42.0	-----	43.6	-----
Severeen	39.2	----	38.1	----	41.0	----
Hulk	33.7	-	30.1	-	33.6	-
<b>-Bezugsgrösse(n)</b>	<b>40.0</b>	<b>-----</b>	<b>39.2</b>	<b>-----</b>	<b>43.0</b>	<b>-----</b>
Versuchs-Mittel	40.3	-----	38.2	-----	41.3	-----
VK [%]	7.5		7.5		6.2	
KGD (5%)	4.9		5.9		4.2	
KGD (1%)	6.5		ns		5.5	
Versuchs-Streuung	3.0		2.9		2.6	
FG Fehlerterm	70.0		25.0		70.0	
Anz. Beob.	3.0		2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	152.2 ----	147.4 ---	130.3 -	149.0 -----	183.8 -----
Gottardo KWS	145.6 -	161.3 -----	133.9 --	139.3 ----	168.0 -----
LG 30248	153.5 ----	165.3 -----	171.7 -----	145.0 -----	161.4 ----
DKC 3440	147.6 --	145.4 --	154.1 ----	132.7 --	162.7 ----
<b>Benedictio KWS</b>	<b>161.8 -----</b>	<b>172.6 -----</b>	<b>185.5 -----</b>	<b>155.2 -----</b>	<b>168.0 -----</b>
<b>SY Telias</b>	<b>156.9 -----</b>	<b>168.1 -----</b>	<b>181.6 -----</b>	<b>148.8 -----</b>	<b>164.3 ----</b>
Amaroc	156.2 -----	141.1 -	184.2 -----	134.7 ---	173.2 -----
RGT Bixx	157.3 -----	153.1 ----	166.1 ----	144.4 ----	176.6 ----
P8333	164.5 -----	164.9 -----	176.9 -----	153.4 -----	193.6 -----
SY Pandoras	161.7 -----	156.4 ----	167.2 ----	142.2 ----	178.9 -----
Bernardino KWS	155.7 -----	148.3 ---	137.8 --	158.0 -----	188.3 -----
KWS Fabiano	157.8 -----	145.5 --	163.2 ----	137.6 ----	185.0 -----
Neutrino	147.0 --	140.4 -	127.6 -	135.2 ---	184.3 -----
ES Tourmaline	155.9 ----	148.7 ---	161.8 ----	157.4 -----	163.1 ----
ES3486	158.2 -----	160.8 -----	180.0 -----	148.3 -----	169.4 ----
X80M498	150.8 ----	162.9 -----	154.9 ----	150.0 -----	156.8 ----
LZM 266/55	155.6 ----	153.3 ----	160.5 ----	150.1 -----	174.9 ----
Fantoso	158.9 -----	152.6 ----	172.1 ----	159.4 -----	169.9 ----
KXB6151	161.7 -----	174.3 -----	160.6 ----	136.2 ----	184.2 -----
KWS Iconico	153.4 ----	156.5 ----	160.6 ----	135.5 ---	182.9 -----
KXB7311	155.4 ----	151.5 ----	180.8 -----	131.4 --	159.2 ----
SM H0205	156.6 -----	140.7 -	188.1 -----	146.1 -----	172.1 ----
SM F0166	153.6 ----	150.5 ----	182.4 -----	139.8 ----	157.7 ----
RH16109	159.7 -----	146.1 --	181.4 ----	150.1 -----	182.9 -----
RH17041	159.4 -----	153.5 ----	194.6 -----	133.8 ---	178.6 -----
SA0746	149.7 ---	154.9 ----	170.9 ----	144.5 ----	147.6 --
SA0766	156.5 -----	152.1 ----	174.8 ----	135.5 ---	180.4 -----
DFI46316	145.5 -	143.2 -	171.8 -----	126.6 -	154.4 ---
Hermino	149.1 ---	144.1 --	151.2 ----	138.6 ----	167.2 ----
LG 30215	143.9 -	152.5 ----	164.7 ----	138.8 ----	163.4 ----
SY Talisman	154.5 -----	168.4 -----	176.8 -----	138.7 ----	157.5 ----
Cranberri CS	147.0 --	156.0 ----	170.0 ----	145.6 ----	138.7 -
LG 31259	156.0 ----	163.9 -----	187.1 -----	136.5 ----	164.7 ----
LG 31237	158.8 -----	149.7 ---	169.1 ----	150.4 -----	176.2 ----
Severeen	156.0 ----	154.5 ----	197.3 -----	144.8 ----	171.0 ----
Hulk	158.9 -----	143.0 -	177.3 -----	132.9 ---	193.9 -----
<b>-Bezugsgrösse(n)</b>	<b>159.4 -----</b>	<b>170.3 -----</b>	<b>183.6 -----</b>	<b>152.0 -----</b>	<b>166.1 -----</b>
Versuchs-Mittel	154.8 ----	154.0 ----	168.6 ----	143.0 ----	171.0 ----
VK [%]	9.1	9.8	9.8	7.7	6.1
KGD (5%)	9.0	ns	33.6	18.0	16.9
KGD (1%)	11.9	ns	ns	ns	22.4
Versuchs-Streuung	14.1	15.0	16.6	11.1	10.4
FG Fehlerterm	395.0	70.0	35.0	70.0	70.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	17607.3	35	2.53 ***	1.45	0.0004
Anbauorte	184871.6	6	154.66 ***	2.12	0.0000
WW Verf.*Anb.Orte	78259.5	210	1.87 ***	1.22	0.0005
Fehler	78695.1	395			
Insgesamt	359433.5	646			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	162.5	----	125.1	-----	167.3	-----
Gottardo KWS	163.4	----	124.4	-----	129.1	-
LG 30248	157.2	---	116.8	----	157.1	----
DKC 3440	153.1	---	127.6	-----	157.2	----
<b>Benedictio KWS</b>	<b>169.0</b>	<b>-----</b>	<b>123.2</b>	<b>-----</b>	<b>159.4</b>	<b>-----</b>
<b>SY Telias</b>	<b>150.7</b>	<b>--</b>	<b>133.9</b>	<b>-----</b>	<b>150.9</b>	<b>----</b>
Amaroc	152.4	--	132.8	-----	174.7	-----
RGT Bixx	175.8	-----	125.4	-----	159.8	----
P8333	182.0	-----	127.4	-----	153.0	----
SY Pandoras	188.2	-----	133.6	-----	165.5	-----
Bernardino KWS	176.4	-----	114.0	----	167.5	-----
KWS Fabiano	177.8	-----	118.7	----	177.0	-----
Neutrino	172.2	-----	113.8	----	155.6	----
ES Tourmaline	175.1	-----	113.5	----	171.5	-----
ES3486	161.4	----	126.8	-----	160.7	----
X80M498	168.9	-----	130.9	-----	131.0	-
LZM 266/55	166.2	-----	115.6	----	168.8	-----
Fantoso	167.6	-----	116.2	----	174.2	-----
KXB6151	186.0	-----	126.5	-----	163.8	----
KWS Iconico	177.2	-----	105.5	---	155.9	----
KXB7311	149.7	--	131.2	-----	183.7	-----
SM H0205	164.1	----	137.2	-----	148.1	----
SM F0166	188.2	-----	97.7	-	158.9	----
RH16109	157.5	---	125.1	-----	174.8	-----
RH17041	169.2	-----	133.9	-----	151.9	----
SA0746	172.2	-----	107.4	---	150.2	----
SA0766	159.8	----	125.3	-----	167.4	-----
DFI46316	149.0	--	112.3	----	161.3	-----
Hermino	165.0	-----	119.2	-----	158.5	----
LG 30215	162.2	-----	98.3	-	127.2	-
SY Talisman	168.5	-----	106.9	---	164.4	-----
Cranberri CS	144.8	-	127.4	-----	146.8	----
LG 31259	157.3	---	130.6	-----	151.9	----
LG 31237	164.5	-----	128.4	-----	173.5	-----
Severeen	151.4	--	113.1	----	160.1	----
Hulk	180.6	-----	110.2	----	174.0	-----
<b>-Bezugsgrösse(n)</b>	<b>159.8</b>	<b>----</b>	<b>128.6</b>	<b>-----</b>	<b>155.1</b>	<b>-----</b>
Versuchs-Mittel	166.3	-----	121.0	-----	159.8	-----
VK [%]	10.9		8.9		9.0	
KGD (5%)	ns		ns		23.5	
KGD (1%)	ns		ns		31.3	
Versuchs-Streuung	18.1		10.8		14.4	
FG Fehlerterm	70.0		25.0		55.0	
Anz. Beob.	3.0		2.0		3.0	



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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	66.8 ----	69.7 ---	57.1 -	65.4 -----	81.0 -----
Gottardo KWS	69.8 -----	86.1 -----	61.8 --	68.4 -----	79.0 -----
LG 30248	69.1 ----	86.6 -----	81.7 -----	57.2 ---	69.5 ---
DKC 3440	66.4 ---	74.8 ----	76.2 ----	51.9 -	74.8 ----
<b>Benedictio KWS</b>	<b>72.1 -----</b>	<b>84.1 -----</b>	<b>87.6 -----</b>	<b>63.1 ----</b>	<b>72.4 ----</b>
<b>SY Telias</b>	<b>78.7 -----</b>	<b>82.6 -----</b>	<b>103.7 -----</b>	<b>74.4 -----</b>	<b>83.7 -----</b>
Amaroc	68.8 ----	64.7 -	93.9 -----	49.1 -	80.1 ----
RGT Bixx	74.3 -----	71.9 ----	81.4 ----	69.1 -----	84.8 -----
P8333	74.9 -----	72.2 ----	88.2 -----	63.7 ----	89.1 -----
SY Pandoras	75.7 -----	76.3 ----	85.7 ----	65.9 ----	85.7 -----
Bernardino KWS	70.8 -----	68.2 ---	66.7 ---	73.5 -----	82.3 -----
KWS Fabiano	70.3 -----	74.4 ----	70.5 ----	53.5 --	80.0 ----
Neutrino	61.2 -	63.5 -	52.5 -	49.5 -	83.0 ----
ES Tourmaline	76.5 -----	73.4 ----	90.2 -----	73.7 -----	80.7 ----
ES3486	70.4 ----	73.2 ----	89.0 -----	67.1 ----	76.2 ----
X80M498	66.9 ----	81.3 -----	75.0 ----	64.3 ----	71.7 ----
LZM 266/55	70.5 ----	78.1 -----	76.9 ----	65.0 ----	85.1 -----
Fantoso	75.4 -----	70.8 ----	85.8 ----	77.7 -----	79.6 ----
KXB6151	71.3 ----	86.1 -----	77.8 ----	54.4 --	80.2 ----
KWS Iconico	71.8 ----	75.2 ----	84.7 ----	56.1 ---	87.4 -----
KXB7311	71.0 ----	74.2 ----	98.0 -----	54.2 --	73.1 ----
SM H0205	77.4 -----	73.7 ----	111.7 -----	70.4 -----	83.0 -----
SM F0166	73.4 -----	73.2 ----	99.7 -----	67.6 ----	70.0 ---
RH16109	71.6 ----	73.5 ----	91.9 ----	63.1 ----	79.1 ----
RH17041	75.0 -----	71.4 ----	98.2 -----	62.5 ----	84.0 ----
SA0746	69.7 ----	81.9 -----	88.0 -----	72.7 -----	63.7 -
SA0766	68.6 ----	72.2 ----	83.6 ----	56.9 ---	84.8 -----
DFI46316	66.5 ----	75.4 -----	90.6 -----	49.6 -	65.9 --
Hermino	65.0 ---	65.9 --	74.0 ----	63.9 ----	75.4 ----
LG 30215	72.5 -----	85.4 -----	97.3 -----	73.3 -----	83.0 -----
SY Talisman	73.2 -----	87.8 -----	96.0 -----	60.2 ----	72.5 ----
Cranberri CS	66.3 ----	81.5 -----	87.6 ----	67.3 ----	62.5 -
LG 31259	72.6 ----	85.9 -----	94.3 ----	63.2 ----	74.8 ----
LG 31237	78.9 -----	79.5 ----	91.2 ----	82.4 -----	84.2 ----
Severeen	76.1 -----	77.4 ----	110.2 -----	72.9 -----	81.2 ----
Hulk	73.9 -----	63.0 -	90.6 ----	66.4 ----	93.6 -----
<b>-Bezugsgrösse(n)</b>	<b>75.4 -----</b>	<b>83.4 -----</b>	<b>95.6 -----</b>	<b>68.7 ----</b>	<b>78.0 ----</b>
Versuchs-Mittel	71.5 ----	76.0 ----	85.8 ----	64.2 ----	78.8 ----
VK [%]	14.4	10.5	13.7	15.6	11.3
KGD (5%)	6.6	13.0	23.8	16.3	14.5
KGD (1%)	8.7	17.2	31.9	21.6	ns
Versuchs-Streuung	10.3	8.0	11.7	10.0	8.9
FG Fehlerterm	395.0	70.0	35.0	70.0	70.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10786.7	35	2.90 ***	1.45	0.0002
Anbauorte	58928.8	6	92.36 ***	2.12	0.0000
WW Verf.*Anb.Orte	41283.5	210	1.85 ***	1.22	0.0006
Fehler	42004.8	395			
Insgesamt	153003.8	646			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	64.3	----	55.6	----	74.6	-----
Gottardo KWS	78.9	-----	61.2	-----	53.5	-
LG 30248	64.1	----	49.0	--	75.4	-----
DKC 3440	57.4	--	56.1	----	73.5	-----
<b>Benedictio KWS</b>	<b>66.6</b>	<b>-----</b>	<b>59.4</b>	<b>-----</b>	<b>71.6</b>	<b>-----</b>
<b>SY Telias</b>	<b>65.9</b>	<b>----</b>	<b>65.8</b>	<b>-----</b>	<b>74.6</b>	<b>-----</b>
Amaroc	52.4	-	63.3	-----	78.4	-----
RGT Bixx	77.5	-----	55.8	----	79.4	-----
P8333	78.9	-----	61.2	-----	71.0	----
SY Pandoras	82.0	-----	63.4	-----	71.1	-----
Bernardino KWS	75.0	-----	52.4	----	77.1	-----
KWS Fabiano	73.5	-----	56.1	----	84.4	-----
Neutrino	62.8	---	55.5	----	61.3	---
ES Tourmaline	79.6	-----	57.3	----	80.3	-----
ES3486	56.5	--	57.9	----	72.8	----
X80M498	67.3	-----	57.7	-----	51.0	-
LZM 266/55	51.6	-	55.5	----	81.3	-----
Fantoso	73.4	-----	52.0	---	88.5	-----
KXB6151	76.5	-----	58.7	-----	65.5	----
KWS Iconico	77.8	-----	52.2	----	69.1	----
KXB7311	51.4	-	59.4	-----	86.6	-----
SM H0205	68.5	-----	65.8	-----	68.4	----
SM F0166	81.0	-----	45.1	-	77.6	-----
RH16109	56.8	--	54.8	----	81.9	-----
RH17041	66.8	-----	69.1	-----	73.3	-----
SA0746	69.1	-----	45.9	-	66.6	----
SA0766	57.5	---	52.2	----	72.7	-----
DFI46316	56.3	--	52.1	----	75.3	-----
Hermino	61.0	----	53.2	----	62.0	----
LG 30215	63.1	-----	48.4	--	57.3	--
SY Talisman	66.2	-----	50.1	---	79.8	-----
Cranberri CS	51.0	-	54.5	-----	59.9	---
LG 31259	60.9	----	58.2	-----	71.2	-----
LG 31237	69.1	-----	60.7	-----	85.0	-----
Severeen	62.3	----	49.7	---	79.1	-----
Hulk	75.2	-----	46.1	-	82.6	-----
<b>-Bezugsgrösse(n)</b>	<b>66.2</b>	<b>-----</b>	<b>62.6</b>	<b>-----</b>	<b>73.1</b>	<b>-----</b>
Versuchs-Mittel	66.6	-----	55.9	----	73.2	-----
VK [%]	18.8		13.1		16.3	
KGD (5%)	20.4		ns		19.6	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	12.6		7.3		12.0	
FG Fehlerterm	70.0		25.0		55.0	
Anz. Beob.	3.0		2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	696.2	723.7	689.0	686.0	695.8
Gottardo KWS	691.4	734.7	664.0	669.7	683.4
LG 30248	695.6	722.3	704.0	669.7	686.4
DKC 3440	683.9	700.7	699.0	654.7	684.5
<b>Benedictio KWS</b>	<b>695.4</b>	<b>707.3</b>	<b>698.0</b>	<b>683.3</b>	<b>699.2</b>
<b>SY Telias</b>	<b>698.9</b>	<b>727.3</b>	<b>715.5</b>	<b>700.0</b>	<b>699.3</b>
Amaroc	683.1	702.3	696.5	647.7	695.3
RGT Bixx	695.1	680.3	694.5	690.3	697.6
P8333	702.0	710.0	702.0	680.3	699.8
SY Pandoras	690.1	692.3	698.5	682.7	707.0
Bernardino KWS	688.0	691.3	681.5	691.0	692.6
KWS Fabiano	688.4	691.3	677.0	654.7	699.1
Neutrino	680.3	680.0	674.0	662.7	703.3
ES Tourmaline	693.7	684.0	697.0	680.3	695.8
ES3486	704.2	710.3	711.0	703.0	704.8
X80M498	682.2	706.7	681.0	677.0	693.8
LZM 266/55	688.3	693.3	710.0	665.0	707.1
Fantoso	693.1	678.0	709.5	687.0	682.1
KXB6151	690.3	708.7	684.5	655.7	703.1
KWS Iconico	691.7	710.3	713.0	644.3	699.4
KXB7311	687.9	694.3	705.0	658.7	704.1
SM H0205	685.6	676.0	717.0	661.3	687.1
SM F0166	689.3	706.3	713.0	657.3	682.7
RH16109	691.7	689.7	723.0	686.7	702.6
RH17041	701.0	702.3	717.5	669.0	710.9
SA0746	683.9	706.0	713.5	684.0	673.8
SA0766	692.5	701.3	703.5	653.7	733.2
DFI46316	666.0	680.7	689.0	628.7	655.5
Hermino	673.6	673.3	687.5	667.0	695.4
LG 30215	684.2	699.7	710.5	662.7	704.8
SY Talisman	693.4	715.7	700.5	656.0	698.0
Cranberri CS	688.2	707.0	706.0	686.3	695.7
LG 31259	692.0	711.7	704.0	664.0	701.2
LG 31237	694.8	698.0	713.0	686.3	709.5
Severeen	701.6	702.0	725.5	671.7	722.7
Hulk	699.0	707.3	703.5	645.0	730.1
<b>-Bezugsgrösse(n)</b>	<b>697.2</b>	<b>717.3</b>	<b>706.8</b>	<b>691.7</b>	<b>699.2</b>
Versuchs-Mittel	690.5	700.7	700.9	670.1	698.2
VK [%]	3.3	2.5	2.4	4.0	2.6
KGD (5%)	14.3	29.1	ns	ns	29.9
KGD (1%)	18.9	38.6	ns	ns	ns
Versuchs-Streuung	22.5	17.8	16.8	26.8	18.3
FG Fehlerterm	390.0	70.0	35.0	70.0	55.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

**Varianz-Analyse**

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	40771.9	35	2.30 ***	1.45	0.0006
Anbauorte	178453.6	6	58.84 ***	2.12	0.0000
WW Verf.*Anb.Orte	115444.2	210	1.09 ns	1.22	
Fehler	197148.7	390			
Insgesamt	531818.4	641			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	654.0	----	702.0	----	723.1	-----
Gottardo KWS	679.3	-----	729.0	-----	679.7	---
LG 30248	680.0	-----	690.5	---	716.1	-----
DKC 3440	650.3	---	695.5	---	702.3	-----
<b>Benedictio KWS</b>	<b>675.3</b>	<b>-----</b>	<b>697.5</b>	<b>----</b>	<b>707.4</b>	<b>-----</b>
<b>SY Telias</b>	<b>647.3</b>	<b>----</b>	<b>701.0</b>	<b>----</b>	<b>701.5</b>	<b>-----</b>
Amaroc	637.3	--	692.0	---	710.7	-----
RGT Bixx	687.3	-----	703.0	----	712.6	-----
P8333	686.0	-----	714.5	-----	721.6	-----
SY Pandoras	671.0	-----	697.5	----	681.3	---
Bernardino KWS	674.7	-----	686.0	--	698.8	-----
KWS Fabiano	671.3	-----	706.5	-----	718.6	-----
Neutrino	648.7	---	692.5	---	701.2	-----
ES Tourmaline	685.0	-----	720.0	-----	693.6	----
ES3486	658.7	-----	723.5	-----	718.4	-----
X80M498	649.3	----	696.5	----	671.3	-
LZM 266/55	643.7	---	686.5	--	712.8	-----
Fantoso	680.0	-----	704.0	----	711.3	-----
KXB6151	691.0	-----	704.0	----	685.3	----
KWS Iconico	667.3	-----	721.5	-----	686.0	----
KXB7311	641.0	---	703.5	----	708.4	-----
SM H0205	659.7	-----	714.0	-----	684.3	----
SM F0166	680.0	-----	688.5	--	697.5	-----
RH16109	642.7	---	700.5	----	696.7	-----
RH17041	674.3	-----	724.0	-----	708.9	-----
SA0746	658.3	-----	685.0	--	666.4	-
SA0766	646.3	----	697.0	----	712.6	-----
DFI46316	634.3	--	680.0	-	693.8	-----
Hermino	632.7	--	681.0	-	678.5	---
LG 30215	639.3	---	690.0	---	682.1	---
SY Talisman	669.3	-----	697.5	----	716.9	-----
Cranberri CS	625.7	-	693.5	---	703.3	-----
LG 31259	650.0	----	706.0	-----	707.4	-----
LG 31237	658.3	-----	697.5	----	700.8	-----
Severeen	650.0	----	717.5	-----	721.6	-----
Hulk	678.3	-----	701.5	----	726.9	-----
<b>-Bezugsgrösse(n)</b>	<b>661.3</b>	<b>-----</b>	<b>699.3</b>	<b>----</b>	<b>704.5</b>	<b>-----</b>
Versuchs-Mittel	660.5	-----	701.1	----	701.7	-----
VK [%]	4.1		2.5		3.5	
KGD (5%)	ns		ns		ns	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	27.3		17.7		24.6	
FG Fehlerterm	70.0		35.0		55.0	
Anz. Beob.	3.0		2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	303.7 ----	342.7 ----	288.5 --	301.0 ----	307.6 ----
Gottardo KWS	331.3 -----	392.0 -----	306.0 ---	328.3 -----	321.3 -----
LG 30248	310.9 ----	378.0 -----	336.5 ----	264.3 --	296.0 ---
DKC 3440	308.6 ----	360.3 -----	346.5 ----	256.7 --	315.0 ----
<b>Benedictio KWS</b>	<b>309.8 ----</b>	<b>346.3 ----</b>	<b>329.5 ----</b>	<b>277.0 ---</b>	<b>301.2 ---</b>
<b>SY Telias</b>	<b>349.5 -----</b>	<b>357.3 -----</b>	<b>408.5 -----</b>	<b>350.3 -----</b>	<b>354.9 -----</b>
Amaroc	300.9 ----	322.3 ---	355.0 -----	235.7 -	321.1 -----
RGT Bixx	327.3 -----	319.3 --	340.0 ----	329.0 -----	334.4 -----
P8333	320.4 -----	310.3 -	350.0 ----	282.7 ---	320.4 -----
SY Pandoras	322.5 -----	338.3 ----	357.5 -----	317.3 -----	336.1 -----
Bernardino KWS	312.1 ----	317.3 --	332.5 ----	321.3 -----	304.3 ----
KWS Fabiano	306.7 ----	353.7 -----	292.5 --	253.0 --	302.1 ----
Neutrino	279.3 -	305.3 -	264.0 -	242.7 -	313.0 ----
ES Tourmaline	339.0 -----	338.3 ----	389.0 -----	318.3 -----	343.7 -----
ES3486	313.1 ----	322.7 ---	351.0 ----	318.7 -----	316.6 ----
X80M498	303.1 ----	353.7 -----	330.0 ----	288.0 ---	316.3 ----
LZM 266/55	312.7 ----	352.3 -----	338.5 ----	288.0 ---	343.0 -----
Fantoso	329.5 -----	318.0 --	350.5 ----	334.7 -----	318.7 -----
KXB6151	304.4 ----	350.3 -----	330.0 ----	262.0 --	305.4 ----
KWS Iconico	322.5 -----	342.3 ----	375.0 -----	267.0 ---	334.8 -----
KXB7311	314.3 -----	340.3 ----	382.0 -----	272.7 ---	322.0 ----
SM H0205	340.1 -----	354.0 ----	425.0 -----	318.7 -----	331.6 -----
SM F0166	327.8 -----	343.3 ----	389.5 -----	317.3 -----	301.1 ---
RH16109	309.9 ----	346.3 ----	366.0 ----	288.3 ---	304.0 ----
RH17041	330.1 -----	327.3 ---	362.0 ----	313.0 ----	333.7 -----
SA0746	319.2 ----	373.0 -----	367.5 -----	344.7 -----	290.3 --
SA0766	302.9 ----	333.0 ----	336.5 ----	273.7 ---	344.7 -----
DFI46316	303.7 ----	357.7 -----	363.5 -----	246.7 -	278.5 -
Hermino	294.4 ---	308.0 -	337.0 ----	307.3 -----	313.0 ----
LG 30215	344.1 -----	392.0 -----	420.0 -----	350.0 -----	357.5 -----
SY Talisman	328.1 -----	373.7 -----	379.5 -----	284.3 ---	319.0 ----
Cranberri CS	309.4 ----	369.3 -----	363.5 -----	317.7 -----	312.6 ----
LG 31259	322.2 -----	373.3 -----	355.0 ----	305.0 ----	318.3 ----
LG 31237	346.7 -----	370.0 ----	384.5 -----	375.7 -----	338.3 -----
Severeen	339.7 -----	352.0 ----	405.5 -----	338.0 -----	343.7 -----
Hulk	323.1 -----	312.3 -	359.0 ----	321.7 -----	352.9 -----
<b>-Bezugsgrösse(n)</b>	<b>329.7 -----</b>	<b>351.8 ----</b>	<b>369.0 -----</b>	<b>313.7 ----</b>	<b>328.1 -----</b>
Versuchs-Mittel	318.4 ----	345.7 ----	354.6 ----	300.3 ----	321.3 ----
VK [%]	10.7	6.4	8.6	13.1	9.7
KGD (5%)	21.7	36.3	62.3	64.1	ns
KGD (1%)	28.5	48.2	83.5	85.1	ns
Versuchs-Streuung	34.0	22.3	30.7	39.4	31.0
FG Fehlerterm	395.0	70.0	35.0	70.0	55.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	165113.2	35	4.09 ***	1.45	0.0000
Anbauorte	531639.4	6	76.73 ***	2.12	0.0000
WW Verf.*Anb.Orte	347517.0	210	1.43 ns	1.22	
Fehler	456123.3	395			
Insgesamt	1500392.8	646			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	253.3	----	310.1	----	323.0	-----
Gottardo KWS	326.7	-----	369.8	-----	275.3	--
LG 30248	277.0	-----	283.6	-	340.7	-----
DKC 3440	244.0	---	309.8	---	328.0	-----
<b>Benedictio KWS</b>	<b>265.3</b>	<b>-----</b>	<b>331.8</b>	<b>-----</b>	<b>317.7</b>	<b>-----</b>
<b>SY Telias</b>	<b>281.3</b>	<b>-----</b>	<b>347.1</b>	<b>-----</b>	<b>347.0</b>	<b>-----</b>
Amaroc	218.3	--	334.9	-----	319.3	-----
RGT Bixx	303.0	-----	312.2	---	353.3	-----
P8333	297.0	-----	350.1	-----	332.3	-----
SY Pandoras	291.3	-----	322.9	----	294.0	----
Bernardino KWS	286.0	-----	305.6	---	317.7	-----
KWS Fabiano	276.0	-----	328.4	-----	341.3	-----
Neutrino	233.0	---	323.2	----	273.7	--
ES Tourmaline	311.0	-----	352.3	-----	320.7	-----
ES3486	230.3	---	326.9	----	325.7	-----
X80M498	260.7	----	315.7	----	257.3	-
LZM 266/55	199.0	-	322.2	----	345.7	-----
Fantoso	298.0	-----	324.3	----	362.3	-----
KXB6151	284.0	-----	324.0	----	275.0	--
KWS Iconico	289.7	-----	345.1	-----	303.7	----
KXB7311	220.7	--	324.7	----	338.0	-----
SM H0205	278.3	-----	355.8	-----	317.7	-----
SM F0166	292.7	-----	313.4	----	337.3	-----
RH16109	232.3	---	305.6	---	326.7	-----
RH17041	266.0	-----	370.0	-----	338.3	-----
SA0746	264.0	-----	296.3	--	298.7	----
SA0766	230.7	---	291.0	-	310.7	----
DFI46316	238.0	----	315.3	----	326.0	-----
Hermino	232.3	---	298.4	--	264.7	-
LG 30215	248.0	----	336.0	-----	305.0	----
SY Talisman	264.3	-----	327.5	-----	348.7	-----
Cranberri CS	218.0	--	298.0	--	286.7	---
LG 31259	251.3	----	327.2	-----	325.3	-----
LG 31237	276.7	-----	335.5	-----	346.0	-----
Severeen	265.0	-----	318.6	----	355.0	-----
Hulk	282.0	-----	288.7	-	345.0	-----
<b>-Bezugsgrösse(n)</b>	<b>273.3</b>	<b>-----</b>	<b>339.5</b>	<b>-----</b>	<b>332.3</b>	<b>-----</b>
Versuchs-Mittel	263.5	-----	323.4	----	320.1	-----
VK [%]	13.9		6.9		13.0	
KGD (5%)	59.5		ns		ns	
KGD (1%)	79.0		ns		ns	
Versuchs-Streuung	36.6		22.4		41.6	
FG Fehlerterm	70.0		25.0		70.0	
Anz. Beob.	3.0		2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	176.4 ----	164.3 ----	181.0 -----	174.7 ---	173.3 ----
Gottardo KWS	170.7 ---	147.0 -	183.0 -----	173.0 ---	175.0 ----
LG 30248	172.1 ---	155.0 --	159.5 ----	187.7 -----	181.7 -----
DKC 3440	176.5 ----	169.0 -----	159.5 ----	193.3 -----	174.7 ----
<b>Benedictio KWS</b>	<b>172.1 ---</b>	<b>164.3 ----</b>	<b>159.0 ----</b>	<b>179.3 ----</b>	<b>174.3 ----</b>
<b>SY Telias</b>	<b>164.0 -</b>	<b>149.7 -</b>	<b>148.5 ---</b>	<b>161.7 --</b>	<b>161.0 --</b>
Amaroc	181.5 -----	170.0 ----	162.0 ----	204.7 -----	173.0 ----
RGT Bixx	174.4 ----	187.7 -----	172.0 ----	168.0 ---	173.3 ----
P8333	174.9 ----	174.3 ----	166.5 ----	188.7 -----	175.0 ----
SY Pandoras	173.2 ----	174.3 ----	162.5 ----	170.3 ---	167.0 ---
Bernardino KWS	175.0 ----	178.3 -----	166.0 ----	165.0 --	176.3 ----
KWS Fabiano	177.1 ----	172.0 ----	182.0 -----	195.0 -----	177.0 ----
Neutrino	191.1 -----	191.0 -----	188.0 -----	197.3 -----	180.7 ----
ES Tourmaline	166.2 --	174.3 ----	147.5 --	170.3 ---	168.3 ---
ES3486	167.1 --	167.7 ----	156.5 ----	163.7 --	169.0 ----
X80M498	182.3 -----	161.7 ---	179.5 -----	181.0 -----	174.7 ----
LZM 266/55	174.6 ----	170.7 ----	161.0 ----	185.0 -----	162.7 --
Fantoso	168.7 --	176.0 ----	154.5 ---	164.0 --	177.0 ----
KXB6151	177.2 ----	163.7 ---	170.5 ----	190.7 -----	173.3 ----
KWS Iconico	175.6 ----	166.0 ----	157.0 ---	195.0 -----	176.0 ----
KXB7311	174.9 ----	167.7 ----	148.5 ---	186.7 -----	170.7 ---
SM H0205	171.5 ---	169.0 ----	137.5 -	177.0 ----	176.3 ----
SM F0166	176.3 ----	172.7 ----	148.5 ---	185.0 ----	188.0 -----
RH16109	171.3 ---	169.7 ----	148.0 ---	172.0 ---	171.0 ---
RH17041	170.2 ---	174.0 -----	152.5 ----	180.7 ----	169.7 ----
SA0746	175.1 ----	154.7 --	152.0 ---	167.0 ---	190.7 -----
SA0766	177.6 ----	167.7 ----	164.0 ----	194.7 -----	159.3 -
DFI46316	185.2 -----	172.7 ----	161.5 ----	207.0 -----	196.7 -----
Hermino	185.7 -----	188.7 -----	167.0 ----	181.7 ----	177.3 ----
LG 30215	168.6 --	158.3 ---	140.5 -	170.7 ----	160.0 --
SY Talisman	172.8 ----	157.0 ---	156.0 ----	192.7 -----	178.7 ----
Cranberri CS	176.2 ----	159.7 ---	153.0 ----	167.0 ---	175.0 ----
LG 31259	173.4 ----	159.7 ---	161.0 ----	185.0 ----	173.0 ----
LG 31237	163.6 -	159.3 ---	147.0 --	155.7 -	162.7 --
Severeen	168.1 --	169.0 ----	140.0 -	176.7 ----	166.7 ---
Hulk	167.3 --	164.3 ----	153.0 ----	179.7 ----	156.3 -
<b>-Bezugsgrösse(n)</b>	<b>168.1 --</b>	<b>157.0 ---</b>	<b>153.8 ----</b>	<b>170.5 ---</b>	<b>167.7 ---</b>
Versuchs-Mittel	174.1 ----	167.8 ----	159.6 ----	180.2 ----	173.2 ----
VK [%]	8.2	5.5	7.1	9.2	7.5
KGD (5%)	9.1	14.9	23.1	26.9	ns
KGD (1%)	11.9	19.8	31.0	ns	ns
Versuchs-Streuung	14.2	9.2	11.4	16.5	13.0
FG Fehlerterm	395.0	70.0	35.0	70.0	70.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	23596.6	35	3.34 ***	1.45	0.0001
Anbauorte	80238.9	6	66.26 ***	2.12	0.0000
WW Verf.*Anb.Orte	56186.2	210	1.33 ns	1.22	
Fehler	79728.0	395			
Insgesamt	239749.7	646			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	205.3	-----	173.5	-----	162.5	--
Gottardo KWS	177.7	-	146.2	-	193.4	-----
LG 30248	184.7	---	176.4	-----	159.7	--
DKC 3440	202.3	-----	168.1	-----	168.4	---
<b>Benedictio KWS</b>	<b>191.0</b>	<b>----</b>	<b>167.1</b>	<b>-----</b>	<b>169.8</b>	<b>----</b>
<b>SY Telias</b>	<b>199.3</b>	<b>-----</b>	<b>163.0</b>	<b>-----</b>	<b>164.9</b>	<b>---</b>
Amaroc	216.3	-----	173.6	-----	170.9	----
RGT Bixx	181.7	--	171.9	-----	166.1	---
P8333	184.0	--	165.6	-----	170.2	----
SY Pandoras	186.7	---	167.5	-----	184.3	-----
Bernardino KWS	188.3	---	178.9	-----	172.4	----
KWS Fabiano	188.7	---	165.0	-----	159.9	--
Neutrino	213.0	-----	174.2	-----	193.2	-----
ES Tourmaline	176.7	-	155.5	---	170.8	----
ES3486	199.3	-----	151.4	--	162.5	---
X80M498	202.0	-----	173.0	-----	204.6	-----
LZM 266/55	214.3	-----	167.9	-----	160.4	--
Fantoso	181.0	--	171.3	-----	156.9	-
KXB6151	181.3	--	170.5	-----	190.4	-----
KWS Iconico	194.0	-----	158.7	----	182.2	-----
KXB7311	214.3	-----	169.5	-----	166.7	---
SM H0205	194.3	-----	163.2	-----	183.1	-----
SM F0166	185.0	---	178.9	-----	175.8	-----
RH16109	201.3	-----	169.6	-----	167.5	---
RH17041	191.3	----	154.3	---	169.2	----
SA0746	193.7	-----	178.1	-----	189.3	-----
SA0766	212.3	-----	169.6	-----	175.9	-----
DFI46316	209.3	-----	173.4	-----	175.9	-----
Hermino	212.7	-----	178.8	-----	194.1	-----
LG 30215	202.3	-----	166.5	-----	181.6	-----
SY Talisman	192.3	----	170.2	-----	162.6	--
Cranberri CS	218.7	-----	178.2	-----	181.9	-----
LG 31259	198.7	-----	165.1	-----	171.1	----
LG 31237	190.0	---	168.4	-----	162.1	--
Severeen	199.7	-----	164.2	-----	160.9	--
Hulk	189.0	----	175.1	-----	153.8	-
<b>-Bezugsgrösse(n)</b>	<b>195.2</b>	<b>----</b>	<b>165.0</b>	<b>-----</b>	<b>167.3</b>	<b>---</b>
Versuchs-Mittel	196.5	-----	168.4	-----	173.2	----
VK [%]	8.6		5.4		10.0	
KGD (5%)	ns		ns		ns	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	16.8		9.0		17.3	
FG Fehlerterm	70.0		25.0		55.0	
Anz. Beob.	3.0		2.0		3.0	



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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	387.1 ----	381.7 -----	384.0 -----	375.0 ----	397.6 -----
Gottardo KWS	370.5 --	342.0 --	377.5 -----	366.0 ----	389.5 -----
LG 30248	387.8 ----	372.3 ----	360.5 ----	405.3 -----	408.0 -----
DKC 3440	392.4 ----	388.0 -----	354.0 ----	414.0 -----	405.5 -----
<b>Benedictio KWS</b>	<b>387.8 ----</b>	<b>370.3 ----</b>	<b>364.0 ----</b>	<b>396.7 -----</b>	<b>417.9 -----</b>
<b>SY Telias</b>	<b>367.6 -</b>	<b>324.7 -</b>	<b>344.0 ----</b>	<b>355.7 ---</b>	<b>371.2 ---</b>
Amaroc	399.9 -----	377.0 ----	355.5 ----	432.7 -----	391.3 -----
RGT Bixx	387.6 ----	415.7 -----	376.0 ----	363.3 ----	406.0 -----
P8333	392.1 ----	386.0 ----	366.5 ----	414.0 -----	408.3 -----
SY Pandoras	384.4 ----	394.3 -----	358.0 ----	367.0 ----	373.8 ---
Bernardino KWS	394.0 -----	406.7 -----	363.0 ----	366.3 ----	401.8 -----
KWS Fabiano	386.7 ----	378.0 ----	382.0 -----	411.3 -----	402.9 -----
Neutrino	414.0 -----	419.0 -----	403.0 -----	413.7 -----	422.2 -----
ES Tourmaline	369.6 -	386.7 ----	333.5 --	376.7 ----	376.3 ----
ES3486	369.6 -	371.0 ----	356.0 ----	355.3 ---	390.5 -----
X80M498	396.1 -----	362.3 ----	377.5 -----	391.0 -----	390.9 -----
LZM 266/55	380.4 ---	386.3 ----	346.0 ----	392.3 -----	381.9 ----
Fantoso	372.0 --	392.0 -----	341.5 ---	350.3 --	396.7 -----
KXB6151	390.9 ----	363.7 ----	373.5 -----	413.0 -----	389.5 -----
KWS Iconico	385.5 ----	369.3 ----	358.0 ----	410.3 -----	402.0 -----
KXB7311	379.5 ---	381.7 -----	336.0 ---	389.7 -----	389.6 -----
SM H0205	383.2 ----	383.3 -----	317.5 -	378.0 ----	406.3 -----
SM F0166	383.0 ----	375.0 ----	333.0 --	383.3 -----	420.3 -----
RH16109	373.0 --	381.7 -----	333.5 --	364.3 ----	379.8 ----
RH17041	383.6 ----	395.7 -----	355.5 ----	386.7 -----	395.3 -----
SA0746	388.3 ----	358.0 ----	348.0 ----	366.7 ----	418.9 -----
SA0766	398.8 -----	396.0 -----	371.0 -----	410.7 -----	374.1 ---
DFI46316	394.2 -----	377.0 ----	362.5 ----	425.7 -----	419.6 -----
Hermino	423.1 -----	432.0 -----	381.5 -----	396.3 -----	416.7 -----
LG 30215	375.4 --	359.7 ----	328.5 --	361.0 ---	370.7 ---
SY Talisman	384.1 ----	353.3 ---	360.0 ----	402.3 -----	405.5 -----
Cranberri CS	396.5 -----	365.0 ----	356.0 ----	375.3 ----	403.0 -----
LG 31259	384.3 ----	354.0 ---	367.0 ----	383.7 -----	389.7 -----
LG 31237	365.2 -	360.0 ----	340.0 ---	334.0 -	365.6 --
Severeen	369.1 -	373.3 ----	322.0 -	368.3 ----	380.9 ----
Hulk	373.1 --	362.0 ----	343.0 ----	378.0 ----	355.9 -
<b>-Bezugsgrösse(n)</b>	<b>377.7 ---</b>	<b>347.5 ---</b>	<b>354.0 ----</b>	<b>376.2 ----</b>	<b>394.6 -----</b>
Versuchs-Mittel	385.3 ----	377.6 -----	356.4 ----	385.4 -----	394.9 -----
VK [%]	7.4	6.5	6.7	8.4	7.2
KGD (5%)	18.2	39.8	ns	52.5	ns
KGD (1%)	24.0	52.9	ns	ns	ns
Versuchs-Streuung	28.6	24.5	23.8	32.2	28.5
FG Fehlerterm	380.0	70.0	35.0	70.0	55.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	105235.0	35	3.69 ***	1.45	0.0000
Anbauorte	196344.0	6	40.12 ***	2.12	0.0000
WW Verf.*Anb.Orte	184034.7	210	1.07 ns	1.22	
Fehler	309937.7	380			
Insgesamt	795551.4	631			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	409.0	----	385.3	-----	376.9	--
Gottardo KWS	385.0	--	321.7	-	412.0	-----
LG 30248	385.3	--	413.8	-----	369.6	-
DKC 3440	423.3	-----	367.3	-----	394.7	---
<b>Benedictio KWS</b>	<b>410.0</b>	<b>-----</b>	<b>365.1</b>	<b>-----</b>	<b>390.6</b>	<b>---</b>
<b>SY Telias</b>	<b>417.7</b>	<b>-----</b>	<b>373.3</b>	<b>-----</b>	<b>387.0</b>	<b>---</b>
Amaroc	449.7	-----	391.2	-----	402.0	----
RGT Bixx	386.3	--	374.3	-----	391.5	---
P8333	405.0	---	364.8	-----	399.9	----
SY Pandoras	400.0	----	375.1	-----	422.3	-----
Bernardino KWS	401.3	----	406.7	-----	412.5	-----
KWS Fabiano	398.0	---	368.2	-----	366.7	-
Neutrino	436.0	-----	377.9	-----	426.0	-----
ES Tourmaline	371.3	-	349.6	---	393.2	---
ES3486	418.3	-----	317.8	-	378.4	--
X80M498	425.7	-----	392.4	-----	432.7	-----
LZM 266/55	428.7	-----	361.6	----	366.3	-
Fantoso	379.3	-	376.9	-----	367.1	-
KXB6151	389.0	--	385.1	-----	422.3	-----
KWS Iconico	408.3	-----	351.9	----	398.8	----
KXB7311	417.7	-----	372.6	-----	369.4	-
SM H0205	410.3	-----	370.8	-----	416.4	-----
SM F0166	387.0	--	384.6	-----	397.7	----
RH16109	415.7	-----	366.2	-----	369.6	-
RH17041	416.0	-----	356.4	----	379.8	--
SA0746	405.7	----	399.0	-----	422.2	-----
SA0766	444.3	-----	385.4	-----	409.8	-----
DFI46316	416.3	-----	368.0	-----	390.6	---
Hermino	464.0	-----	407.9	-----	463.4	-----
LG 30215	420.7	-----	373.1	-----	414.3	-----
SY Talisman	413.0	-----	368.7	-----	385.8	---
Cranberri CS	465.3	-----	395.1	-----	416.0	-----
LG 31259	423.0	-----	372.7	-----	400.0	----
LG 31237	404.0	----	379.1	-----	373.9	-
Severeen	409.3	-----	343.9	---	386.3	---
Hulk	414.3	-----	377.9	-----	380.7	--
<b>-Bezugsgrösse(n)</b>	<b>413.8</b>	<b>-----</b>	<b>369.2</b>	<b>-----</b>	<b>388.8</b>	<b>---</b>
Versuchs-Mittel	412.6	-----	373.4	-----	396.8	----
VK [%]	7.0		6.0		8.3	
KGD (5%)	47.2		ns		ns	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	29.0		22.3		32.9	
FG Fehlerterm	70.0		25.0		55.0	
Anz. Beob.	3.0		2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	68.9 -----	70.8 -----	74.5 -----	66.3 -----	71.6 -----
Gottardo KWS	64.6 ----	69.8 -----	66.5 ----	59.7 ---	64.9 ----
LG 30248	64.3 ---	69.5 -----	67.5 ----	62.0 ----	64.8 ----
DKC 3440	63.0 ---	67.8 -----	72.0 -----	61.0 ----	61.3 --
<b>Benedictio KWS</b>	<b>63.8 ----</b>	<b>69.3 -----</b>	<b>65.0 ---</b>	<b>62.0 ----</b>	<b>64.8 ----</b>
<b>SY Telias</b>	<b>66.5 -----</b>	<b>69.5 -----</b>	<b>72.0 -----</b>	<b>63.3 -----</b>	<b>67.6 -----</b>
Amaroc	62.7 ---	63.3 ----	64.0 --	61.0 ----	65.1 ----
RGT Bixx	65.1 ----	69.4 -----	69.0 ----	60.7 ----	63.3 ---
P8333	68.6 -----	70.8 -----	73.5 -----	65.7 -----	69.4 -----
SY Pandoras	68.5 -----	70.7 -----	72.0 -----	63.7 -----	73.0 -----
Bernardino KWS	64.6 ----	69.1 -----	69.0 ----	61.3 ----	65.0 ----
KWS Fabiano	64.1 ----	66.9 -----	64.5 ---	59.7 ---	66.4 ----
Neutrino	65.2 ----	63.6 ----	68.5 ----	62.7 ----	70.9 -----
ES Tourmaline	67.8 -----	67.8 -----	72.5 -----	63.0 ----	72.0 -----
ES3486	63.4 ---	67.6 -----	66.5 ----	62.0 ----	65.5 ----
X80M498	60.9 -	64.1 ----	63.5 --	60.3 ---	61.1 -
LZM 266/55	66.7 -----	66.6 -----	73.5 -----	62.0 ----	69.2 -----
Fantoso	67.8 -----	69.7 -----	68.0 ----	63.7 -----	69.1 -----
KXB6151	66.4 -----	71.8 -----	72.5 -----	59.0 --	67.5 ----
KWS Iconico	66.9 -----	67.4 -----	72.0 -----	63.0 ----	72.9 -----
KXB7311	63.8 ----	64.5 ----	66.5 ----	60.3 ---	66.4 ----
SM H0205	66.4 -----	63.9 ----	69.0 ----	64.3 -----	68.6 -----
SM F0166	69.7 -----	71.2 -----	72.5 -----	67.3 -----	69.8 -----
RH16109	64.3 ----	67.3 -----	69.0 ----	63.0 ----	65.8 ----
RH17041	65.4 -----	64.1 ----	64.0 --	64.3 ----	66.3 ----
SA0746	62.4 --	59.4 -	62.0 -	64.7 -----	64.1 ----
SA0766	63.7 ----	64.8 ----	66.5 ----	58.7 --	68.1 -----
DFI46316	63.0 ---	65.8 ----	68.0 ----	57.7 -	60.1 -
Hermino	65.1 ----	68.5 -----	68.5 ----	64.0 ----	64.7 ----
LG 30215	65.3 -----	69.7 -----	68.5 ----	62.7 ----	65.5 ----
SY Talisman	62.3 --	66.0 -----	64.5 ---	59.7 ---	61.0 -
Cranberri CS	63.7 ----	64.9 ----	64.5 ---	60.7 ----	67.6 ----
LG 31259	64.1 ----	67.9 -----	69.0 ----	64.3 -----	64.9 ----
LG 31237	64.2 ----	64.0 ----	67.5 ----	62.3 ----	67.5 ----
Severeen	64.8 ----	64.2 ----	71.0 -----	63.3 ----	67.3 ----
Hulk	68.9 -----	68.7 -----	69.0 ----	62.3 ----	71.0 -----
<b>-Bezugsgrösse(n)</b>	<b>65.2 ----</b>	<b>69.4 -----</b>	<b>68.5 ----</b>	<b>62.7 ----</b>	<b>66.2 ----</b>
Versuchs-Mittel	65.2 ----	67.2 -----	68.5 ----	62.3 ----	66.8 ----
VK [%]	4.5	3.7	2.8	4.1	4.4
KGD (5%)	1.9	4.0	3.9	4.2	4.8
KGD (1%)	2.5	5.4	5.2	5.5	6.5
Versuchs-Streuung	3.0	2.5	1.9	2.6	3.0
FG Fehlerterm	365.0	55.0	35.0	70.0	55.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3101.7	35	10.10 ***	1.46	0.0000
Anbauorte	5838.4	6	110.95 ***	2.13	0.0000
WW Verf.*Anb.Orte	3696.9	210	2.01 ***	1.22	0.0004
Fehler	3201.1	365			
Insgesamt	15838.2	616			

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

Verfahren	8046		8193		8566	
	Reckenholz ZH		Eglisau ZH		Ellighausen TG	
ES Albatros	60.0	----	74.6	-----	64.4	-----
Gottardo KWS	63.3	-----	66.3	----	61.3	----
LG 30248	61.0	-----	65.4	----	59.9	--
DKC 3440	57.0	---	61.5	---	60.2	--
<b>Benedictio KWS</b>	<b>60.7</b>	<b>----</b>	<b>65.1</b>	<b>----</b>	<b>60.0</b>	<b>--</b>
<b>SY Telias</b>	<b>64.7</b>	<b>-----</b>	<b>67.5</b>	<b>-----</b>	<b>60.9</b>	<b>---</b>
Amaroc	60.0	----	64.8	----	60.4	---
RGT Bixx	63.7	-----	66.6	----	63.4	-----
P8333	66.0	-----	69.4	-----	65.6	-----
SY Pandoras	68.3	-----	68.5	-----	63.3	-----
Bernardino KWS	63.7	-----	65.3	----	58.5	-
KWS Fabiano	64.7	-----	63.0	----	63.3	-----
Neutrino	65.0	-----	63.7	---	62.3	----
ES Tourmaline	68.0	-----	68.9	-----	62.5	----
ES3486	56.0	--	65.1	----	60.9	---
X80M498	60.3	----	55.9	-	61.1	---
LZM 266/55	59.0	----	68.5	-----	68.0	-----
Fantoso	66.0	-----	73.8	-----	64.6	-----
KXB6151	62.0	-----	68.9	-----	63.0	-----
KWS Iconico	61.0	-----	68.3	-----	63.8	-----
KXB7311	58.7	----	67.0	-----	63.1	-----
SM H0205	65.0	-----	71.8	-----	62.0	----
SM F0166	67.7	-----	72.2	-----	67.4	-----
RH16109	56.0	--	67.4	----	61.8	----
RH17041	62.7	-----	70.6	-----	65.8	-----
SA0746	60.0	----	66.9	----	59.5	--
SA0766	58.7	----	69.5	-----	59.5	--
DFI46316	56.3	--	70.2	-----	62.8	-----
Hermino	59.3	----	71.8	-----	58.9	-
LG 30215	60.3	-----	70.0	-----	60.4	----
SY Talisman	57.7	---	66.8	-----	60.3	----
Cranberri CS	56.3	--	72.5	-----	59.6	--
LG 31259	53.7	-	67.8	-----	61.2	----
LG 31237	58.0	----	69.0	-----	60.8	----
Severeen	57.7	---	69.9	-----	60.5	----
Hulk	67.3	-----	78.5	-----	65.6	-----
<b>-Bezugsgrösse(n)</b>	<b>62.7</b>	<b>-----</b>	<b>66.3</b>	<b>----</b>	<b>60.5</b>	<b>---</b>
Versuchs-Mittel	61.3	-----	68.1	-----	62.1	----
VK [%]	6.2		3.1		5.6	
KGD (5%)	6.2		4.4		ns	
KGD (1%)	8.2		5.9		ns	
Versuchs-Streuung	3.8		2.1		3.5	
FG Fehlerterm	70.0		25.0		55.0	
Anz. Beob.	3.0		2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	6.3 -----	6.6 -----	6.3 ----	6.2 -----	6.3 ----
Gottardo KWS	6.3 -----	6.7 -----	6.0 -	6.0 -----	6.2 ----
LG 30248	6.3 -----	6.6 -----	6.4 -----	6.0 -----	6.2 ----
DKC 3440	6.2 ----	6.3 ----	6.3 ----	5.9 ---	6.2 ----
<b>Benedictio KWS</b>	<b>6.3 -----</b>	<b>6.4 -----</b>	<b>6.4 -----</b>	<b>6.2 -----</b>	<b>6.4 -----</b>
<b>SY Telias</b>	<b>6.4 -----</b>	<b>6.7 -----</b>	<b>6.6 -----</b>	<b>6.3 -----</b>	<b>6.4 -----</b>
Amaroc	6.2 ----	6.4 ----	6.3 -----	5.8 ---	6.3 -----
RGT Bixx	6.3 -----	6.1 --	6.3 -----	6.2 -----	6.3 -----
P8333	6.4 -----	6.5 -----	6.4 -----	6.1 -----	6.4 -----
SY Pandoras	6.2 -----	6.3 ----	6.4 -----	6.2 -----	6.4 -----
Bernardino KWS	6.2 -----	6.2 ---	6.2 ----	6.2 -----	6.3 ----
KWS Fabiano	6.2 -----	6.3 ----	6.1 ---	5.9 ---	6.4 -----
Neutrino	6.1 ----	6.1 --	6.1 --	5.9 ----	6.4 -----
ES Tourmaline	6.3 -----	6.2 --	6.3 -----	6.1 -----	6.3 ----
ES3486	6.4 -----	6.5 -----	6.5 -----	6.4 -----	6.4 -----
X80M498	6.2 ----	6.4 -----	6.1 ---	6.1 -----	6.3 ----
LZM 266/55	6.2 -----	6.3 ----	6.5 -----	5.9 ----	6.4 -----
Fantoso	6.3 -----	6.1 -	6.5 -----	6.2 -----	6.2 ----
KXB6151	6.2 -----	6.4 -----	6.2 ----	5.9 ----	6.4 -----
KWS Iconico	6.3 -----	6.5 -----	6.5 -----	5.8 ---	6.4 -----
KXB7311	6.2 -----	6.3 ----	6.4 -----	5.9 ----	6.4 -----
SM H0205	6.2 ----	6.1 -	6.5 -----	5.9 ----	6.2 ----
SM F0166	6.2 -----	6.4 -----	6.5 -----	5.9 ----	6.2 ----
RH16109	6.3 -----	6.2 ---	6.6 -----	6.2 -----	6.4 -----
RH17041	6.4 -----	6.4 ----	6.6 -----	6.0 ----	6.5 -----
SA0746	6.2 ----	6.4 -----	6.5 -----	6.1 -----	6.0 ---
SA0766	6.3 -----	6.4 ----	6.4 -----	5.8 ---	6.7 -----
DFI46316	6.0 -	6.2 --	6.2 ----	5.6 -	5.9 -
Hermino	6.1 --	6.1 -	6.2 ----	6.0 ----	6.3 -----
LG 30215	6.2 ----	6.3 ----	6.5 -----	5.9 ----	6.4 -----
SY Talisman	6.3 -----	6.6 -----	6.4 -----	5.9 ----	6.3 -----
Cranberri CS	6.2 -----	6.4 -----	6.4 -----	6.2 -----	6.3 -----
LG 31259	6.3 -----	6.5 -----	6.4 -----	6.0 ----	6.4 -----
LG 31237	6.3 -----	6.3 ----	6.5 -----	6.2 -----	6.4 -----
Severeen	6.4 -----	6.4 ----	6.6 -----	6.0 ----	6.6 -----
Hulk	6.3 -----	6.4 ----	6.4 -----	5.8 ---	6.7 -----
<b>-Bezugsgrösse(n)</b>	<b>6.3 -----</b>	<b>6.6 -----</b>	<b>6.5 -----</b>	<b>6.3 -----</b>	<b>6.4 -----</b>
Versuchs-Mittel	6.2 -----	6.4 ----	6.4 -----	6.0 -----	6.3 -----
VK [%]	4.0	3.2	2.9	4.7	3.1
KGD (5%)	0.2	0.3	ns	ns	0.3
KGD (1%)	0.2	0.4	ns	ns	ns
Versuchs-Streuung	0.2	0.2	0.2	0.3	0.2
FG Fehlerterm	390.0	70.0	35.0	70.0	55.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	5.2	35	2.43 ***	1.45	0.0004
Anbauorte	21.3	6	58.17 ***	2.12	0.0000
WW Verf.*Anb.Orte	13.8	210	1.08 ns	1.22	
Fehler	23.8	390			
Insgesamt	64.1	641			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	5.9	----	6.4	-----	6.6	-----
Gottardo KWS	6.1	-----	6.7	-----	6.1	---
LG 30248	6.1	-----	6.3	---	6.5	-----
DKC 3440	5.8	---	6.3	---	6.4	-----
<b>Benedictio KWS</b>	<b>6.1</b>	<b>-----</b>	<b>6.3</b>	<b>----</b>	<b>6.4</b>	<b>-----</b>
<b>SY Telias</b>	<b>5.8</b>	<b>----</b>	<b>6.4</b>	<b>----</b>	<b>6.4</b>	<b>-----</b>
Amaroc	5.7	---	6.3	---	6.5	-----
RGT Bixx	6.2	-----	6.4	-----	6.5	-----
P8333	6.2	-----	6.6	-----	6.6	-----
SY Pandoras	6.0	-----	6.3	----	6.1	--
Bernardino KWS	6.1	-----	6.2	--	6.3	-----
KWS Fabiano	6.0	-----	6.5	-----	6.6	-----
Neutrino	5.8	---	6.3	---	6.4	-----
ES Tourmaline	6.2	-----	6.6	-----	6.3	-----
ES3486	5.9	-----	6.6	-----	6.6	-----
X80M498	5.8	-----	6.3	----	6.0	-
LZM 266/55	5.7	---	6.2	--	6.5	-----
Fantoso	6.1	-----	6.4	-----	6.5	-----
KXB6151	6.2	-----	6.4	-----	6.2	----
KWS Iconico	6.0	-----	6.6	-----	6.2	---
KXB7311	5.7	---	6.4	-----	6.4	-----
SM H0205	5.9	-----	6.5	-----	6.2	---
SM F0166	6.1	-----	6.2	--	6.3	-----
RH16109	5.7	---	6.4	-----	6.3	-----
RH17041	6.1	-----	6.7	-----	6.4	-----
SA0746	5.9	-----	6.2	--	6.0	-
SA0766	5.8	-----	6.4	-----	6.5	-----
DFI46316	5.6	--	6.2	-	6.3	-----
Hermino	5.6	--	6.2	-	6.1	--
LG 30215	5.7	---	6.3	---	6.2	---
SY Talisman	6.0	-----	6.4	-----	6.5	-----
Cranberri CS	5.5	-	6.3	---	6.4	-----
LG 31259	5.8	-----	6.4	-----	6.4	-----
LG 31237	5.9	-----	6.3	-----	6.4	-----
Severeen	5.8	-----	6.6	-----	6.6	-----
Hulk	6.1	-----	6.4	-----	6.7	-----
<b>-Bezugsgrösse(n)</b>	<b>5.9</b>	<b>-----</b>	<b>6.3</b>	<b>----</b>	<b>6.4</b>	<b>-----</b>
Versuchs-Mittel	5.9	-----	6.4	-----	6.4	-----
VK [%]	5.1		3.2		4.3	
KGD (5%)	ns		ns		ns	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	0.3		0.2		0.3	
FG Fehlerterm	70.0		35.0		55.0	
Anz. Beob.	3.0		2.0		3.0	

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

Verfahren	Seriemittel	1567 Delley FR	1725 Grangeneuve	3065 Habstetten	5643 Alikon AG
ES Albatros	6.5 -----	6.9 -----	6.4 ----	6.3 -----	6.5 -----
Gottardo KWS	6.4 -----	7.0 -----	6.0 -	6.1 -----	6.3 ----
LG 30248	6.5 -----	6.8 -----	6.6 -----	6.1 -----	6.3 ----
DKC 3440	6.3 ----	6.6 ----	6.5 ----	5.9 ---	6.3 ----
<b>Benedictio KWS</b>	<b>6.5 -----</b>	<b>6.6 -----</b>	<b>6.5 -----</b>	<b>6.3 -----</b>	<b>6.5 -----</b>
<b>SY Telias</b>	<b>6.5 -----</b>	<b>6.9 -----</b>	<b>6.7 -----</b>	<b>6.5 -----</b>	<b>6.5 -----</b>
Amaroc	6.3 ----	6.6 ----	6.5 -----	5.8 ---	6.4 ----
RGT Bixx	6.4 -----	6.3 --	6.4 ----	6.3 -----	6.5 -----
P8333	6.5 -----	6.7 -----	6.6 -----	6.2 -----	6.5 -----
SY Pandoras	6.4 -----	6.4 ----	6.5 -----	6.2 -----	6.6 -----
Bernardino KWS	6.3 -----	6.4 ----	6.3 ----	6.4 -----	6.4 ----
KWS Fabiano	6.3 -----	6.4 ----	6.2 ---	5.9 ---	6.5 -----
Neutrino	6.2 ---	6.2 --	6.2 --	6.0 ----	6.6 -----
ES Tourmaline	6.4 -----	6.3 --	6.5 -----	6.2 -----	6.4 ----
ES3486	6.6 -----	6.7 -----	6.7 -----	6.6 -----	6.6 -----
X80M498	6.3 ----	6.6 ----	6.3 ----	6.2 -----	6.4 ----
LZM 266/55	6.4 -----	6.4 ----	6.7 -----	6.0 ----	6.6 -----
Fantoso	6.4 -----	6.2 -	6.6 -----	6.3 -----	6.3 ----
KXB6151	6.4 -----	6.6 -----	6.3 ----	5.9 ---	6.6 -----
KWS Iconico	6.4 -----	6.6 -----	6.7 -----	5.7 ---	6.5 -----
KXB7311	6.3 -----	6.4 ----	6.6 -----	5.9 ---	6.6 -----
SM H0205	6.3 -----	6.1 -	6.8 -----	6.0 ----	6.3 ----
SM F0166	6.4 -----	6.6 -----	6.7 -----	5.9 ---	6.3 ----
RH16109	6.4 -----	6.4 ---	6.9 -----	6.3 -----	6.6 -----
RH17041	6.5 -----	6.6 ----	6.8 -----	6.1 ----	6.7 -----
SA0746	6.3 ----	6.6 -----	6.7 -----	6.3 -----	6.1 ---
SA0766	6.4 -----	6.5 ----	6.6 -----	5.9 ---	7.0 -----
DFI46316	6.0 -	6.2 -	6.4 ----	5.5 -	5.9 -
Hermino	6.1 ---	6.1 -	6.4 ----	6.0 ----	6.5 -----
LG 30215	6.3 ----	6.5 ----	6.7 -----	6.0 ----	6.6 -----
SY Talisman	6.4 -----	6.7 -----	6.6 -----	5.9 ---	6.5 -----
Cranberri CS	6.4 -----	6.6 -----	6.6 -----	6.3 -----	6.5 -----
LG 31259	6.4 -----	6.7 -----	6.6 -----	6.0 ----	6.5 -----
LG 31237	6.4 -----	6.5 ---	6.7 -----	6.3 -----	6.7 -----
Severeen	6.5 -----	6.6 ----	6.9 -----	6.1 ----	6.8 -----
Hulk	6.5 -----	6.6 ----	6.6 -----	5.7 ---	7.0 -----
<b>-Bezugsgrösse(n)</b>	<b>6.5 -----</b>	<b>6.8 -----</b>	<b>6.6 -----</b>	<b>6.4 -----</b>	<b>6.5 -----</b>
Versuchs-Mittel	6.4 -----	6.5 ----	6.5 -----	6.1 -----	6.5 -----
VK [%]	5.0	4.0	3.8	6.0	4.0
KGD (5%)	0.2	0.4	ns	ns	0.4
KGD (1%)	0.3	0.6	ns	ns	ns
Versuchs-Streuung	0.3	0.3	0.2	0.4	0.3
FG Fehlerterm	390.0	70.0	35.0	70.0	55.0
Anz. Beob.	19.0	3.0	2.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	8.4	35	2.37 ***	1.45	0.0005
Anbauorte	36.2	6	59.84 ***	2.12	0.0000
WW Verf.*Anb.Orte	22.9	210	1.08 ns	1.22	
Fehler	39.4	390			
Insgesamt	106.8	641			

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

Verfahren	8046 Reckenholz ZH		8193 Eglisau ZH		8566 Ellighausen TG	
ES Albatros	5.9	----	6.6	-----	6.9	-----
Gottardo KWS	6.2	-----	7.0	-----	6.2	---
LG 30248	6.2	-----	6.4	---	6.8	-----
DKC 3440	5.8	---	6.5	---	6.5	-----
<b>Benedictio KWS</b>	<b>6.2</b>	<b>-----</b>	<b>6.5</b>	<b>----</b>	<b>6.6</b>	<b>-----</b>
<b>SY Telias</b>	<b>5.8</b>	<b>---</b>	<b>6.5</b>	<b>----</b>	<b>6.5</b>	<b>-----</b>
Amaroc	5.6	--	6.4	---	6.7	-----
RGT Bixx	6.3	-----	6.6	----	6.7	-----
P8333	6.3	-----	6.7	-----	6.8	-----
SY Pandoras	6.1	-----	6.5	----	6.2	---
Bernardino KWS	6.2	-----	6.4	---	6.5	-----
KWS Fabiano	6.1	-----	6.6	-----	6.8	-----
Neutrino	5.8	---	6.4	---	6.6	-----
ES Tourmaline	6.3	-----	6.9	-----	6.4	----
ES3486	5.9	-----	6.9	-----	6.8	-----
X80M498	5.8	----	6.5	----	6.1	--
LZM 266/55	5.7	---	6.4	---	6.7	-----
Fantoso	6.2	-----	6.6	-----	6.7	-----
KXB6151	6.4	-----	6.6	-----	6.3	----
KWS Iconico	6.1	-----	6.9	-----	6.3	----
KXB7311	5.7	---	6.6	-----	6.6	-----
SM H0205	6.0	-----	6.7	-----	6.3	----
SM F0166	6.2	-----	6.4	---	6.5	-----
RH16109	5.7	---	6.6	-----	6.4	----
RH17041	6.2	-----	6.9	-----	6.7	-----
SA0746	5.9	-----	6.3	--	6.0	-
SA0766	5.8	----	6.5	----	6.7	-----
DFI46316	5.6	--	6.2	-	6.4	-----
Hermino	5.6	--	6.3	-	6.2	---
LG 30215	5.7	---	6.4	---	6.3	---
SY Talisman	6.1	-----	6.5	-----	6.8	-----
Cranberri CS	5.5	-	6.4	---	6.6	-----
LG 31259	5.8	----	6.6	-----	6.6	-----
LG 31237	5.9	-----	6.5	-----	6.5	-----
Severeen	5.8	----	6.8	-----	6.8	-----
Hulk	6.2	-----	6.6	-----	6.9	-----
<b>-Bezugsgrösse(n)</b>	<b>6.0</b>	<b>-----</b>	<b>6.5</b>	<b>----</b>	<b>6.6</b>	<b>-----</b>
Versuchs-Mittel	6.0	-----	6.5	-----	6.5	-----
VK [%]	6.4		3.8		5.4	
KGD (5%)	ns		ns		ns	
KGD (1%)	ns		ns		ns	
Versuchs-Streuung	0.4		0.3		0.4	
FG Fehlerterm	70.0		35.0		55.0	
Anz. Beob.	3.0		2.0		3.0	



### 3.3 Serie mittelspät / Série mi-tardif

#### 3.3.1 Standortangaben / Informations des lieux

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	2018	
			Saattermin / date de semis	Erntetermin / date de récolte
1260	Nyon	430	27.04.18	10.09.18 *
1567	Delley (Avenches)	434	09.05.18	17.09.18
1870	Monthey	393	25.04.18	27.08.18 *
1896	Vouvry	404	24.04.18	nicht geerntet / ne pas récolté
3065	Habstetten	620	09.05.18	05.10.18
8046	Reckenholz	440	20.04.18	03.09.18
8196	Eglisau	390	08.05.18	28.08.18 *
8566	Ellighausen	503	25.04.18	11.09.18
9436	Balgach	408	09.05.18	20.09.18

\* Daten (teilweise) nicht für Auswertung berücksichtigt / données (partiellement) non prises en compte pour les misent en valuer

#### 3.3.2 Sorten / Status

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
Palmer	LZM358/21	SC	Limagrain / Europe	Hauenstein, Rafz		SM21/S
Walterinio KWS	KXB3181	SC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/S
Figaro	KXB3329	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/S	SM21/S
Indexx	RH09029	SC	RAGT 2n	Fenaco, Moudon		SM21/S
LG 30306	LZM 358/69	SC	Limagrain / Europe	Fenaco, Moudon		SM21/S
ES Metronom	ESZ2202	SC	Euralis, F	Euralis	KM11/T	SM21/S
RGT Karlaxx	RH14012	SC	RAGT 2n	Fenaco, Moudon		SM21/e2
P8666	X80H166	SC	Pioneer	Pioneer, Manno		SM21/e2
Vitalico KWS	KXB6143	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e2
P8888	X85H899	SC	Pioneer	Pioneer, Manno		SM21/e1
Farmirage	BPZ 4114	SC	von Moreau Saatzucht, D	Samen Steffen, Langenthal		SM21/e1
Paratico	KXB6204	TC	KWS, Einbeck	KWS Suisse SA, Basel		SM21/e1
SA1826	SA1826	SC	Syngenta, CH	Syngenta, Dielsdorf	KM21/e1	SM21/e1
SA2006	SA2006	SC	Syngenta, CH	Syngenta, Dielsdorf		SM21/e1
DFI45906	DFI45906		DSP, Delley	DSP, Delley		SM21/1.
Erasmus	SA2184	SC	DSV AG	Fenaco, Moudon		SM21/e1
P9911	X00B109	SC	Pioneer	Pioneer, Manno	KM42/e1	SM21/e1
xyz						FS
Shannon			Advanta (LG)			FS
P9903	X00C209	SC	Pioneer	Pioneer, Manno	KM41/S	FS
Farmagic			Farmsaat	Samen Steffen, Langenthal		FS
Charleen			Advanta (LG)			FS
P1758	P1758	SC	Pioneer	Pioneer, Manno		FS
ES Faraday	ESZ5303		Euralis			FS

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

Technische Versuchangaben / données techniques / technical information									
Standort / lieu / site:	1260 Nyon (412 m altitude)	Monthey (393 m.ü.M.)	Vouvry (383 m.ü.M.)	Habstetten (680 m.ü.M.)	Avanches (434 m.ü.M.)	Zürich- Afroltern (440 m.ü.M.)	Eglisau (395 m.ü.M.)	Eilighausen (603 m.ü.M.)	Balgach (488 m.ü.M.)
Bodenart / type de sol / soil type:	limono sableux	limono sableux	limono sableux	sandiger Lehm	Argile tourbeux	Parabraunerde	Leicht; mittel humos	stark sandiger Lehm	Humoser Ton Schluff Boden
Witterungsbedingungen / données météorologiques / meteorological data: Niederschlagssumme / sommes des précipitations / sum of rainfalls (Saat - Ernte/ semis - récolte / seeding - harvest): Temperatursumme 2 m über Boden / somme des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):	399 mm + irrigations : 09.07.; 16.07.; 24.07. ; apport total : 90 mm 1702 °C			247 mm (ev. nicht ganz vollständig) 1791 °C	319 mm (selon Agroliteo, station Praz) 1800°C (selon Agroliteo, station Praz, se ul 6°C)	348,2 mm 1749,2 °C	234,9 mm (Meteostation Wülsteinmaur) 1561,6 °C (Meteostation Wülsteinmaur)	305,8 mm 1652,1 °C	499,6 mm (Meteostation Bernack) 1751,6 °C (Meteostation Bernack)
Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen / blocs randomisés avec 3 répétitions / randomized block design with 3 replications, Parzellengrösse / grandeur d'une parcelle / plot size:	4reihig, mit 0,8m Weg (22,4m2 brutto), 10 m2 netto	4reihig, mit 0,75m Weg (22,4m2 brutto), 10 m2 netto	4reihig, mit 0,8m Weg (22,4m2 brutto), 10 m2 netto	4reihig, mit 0,8m Weg (22,4m2 brutto), 10 m2 netto	Semé: 17 m2 per single plot (brut, avec chemin), 14,4 m2 net, 4 rangs. Récolte: 8,5 m2 per single plot (brut, avec chemin), 7,2 m2 net, 2 rangs au milieu	15 m2 pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m2 netto
Vorfrucht / précédent cultural / previous crop:	colza	oignons	carottes	ble d'hiver	Ble d'automne, dérobée moutarde	Zuckerrüben / bettrave à sucre / sugar beets	Winterweizen	Raps - Zwischenfutter (Wick-Häfer - Erbsengemenge)	Kunstwiese /prairie temporaire / temporary grassland
Bodenbearbeitung / travail du sol / soil cultivation:	26.10. labour 19.04. hersage 27.04. hersage	chisel + herse rotative	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	02.04.2018: Labour 26.04.2018: Herse rotative	Pflug (6.3.18), Federzähnege (18.4.18) / charrue, herse / plough, harrow	06.05.2018 Pflug charrue/plow; 07.06.2018 Kreiselegge/herse rotative/ rotary harrow	Pflug (Hebst) und Kreiselegge / charrue (automne) et herse rotative / plough (fall) and rotary harrow	Spaten und vor der Saat Kreiselegge
Saat / date de semis / sowing date:	27.04.2018	25.04.2018	24.04.2018	09.05.2018	09.05.2018	20.04.2018	08.05.2018	25.04.2018	09.05.2018
Ernte / date de récolte / harvest date:	10.09.2018	27.08.2018	pas de récolte (1er cercle quarantaine diabrotica)	05.10.2018	17.09.2018	03.09.2018	28.08.2018	11.09.2018	20.09.2018

Technische Versuchsangaben / données techniques / technical information										
Standort / lieu / site:	1260 Nyon (412 m altitude)	Monthey (393 m ü.M.)	Vouvry (383 m ü.M.)	Habstetten (680 m ü.M.)	Avenches (434 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Eglisau (995 m ü.M.)	Eilighausen (603 m ü.M.)	Balgach (406 m ü.M.)	
Saadichte / densité de semis / sowing density:	9.5 Körner / grains pro m2	9.5 Körner / grains pro m2	9.5 Körner / grains pro m2	9.5 Körner / grains pro m2	Semis: 10.8 grains pro m2, éclairci à 9.1 plantes/m2	10.1 Körner / grains pro m2	10.1 Körner / grains pro m2	10.1 Körner / grains pro m2	9.7 Körner / grains pro m2	
Vegetationsdauer / durée de végétation / growing period	136 jours	124	0	134 (SM01), 140 (SM11); 149 (SM21) Tage / jours / days	131 jours	118 (SM01; SM11), 136 (SM21) Tage / jours / days	112 (SM01, SM11, SM21) Tage / jours / days	127 (SM01), 127 (SM11), 139 (SM21) Tage / jours / days	134 Tage / jours / days	
Reihenabstand / interlignes / row distance:	75 cm	75 cm	75 cm	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm	
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-	-	-	-	Hacken (11.5.18)	keine	-	5.6.18 Reihenfräse	
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Gardo Gold 4 l / ha Banvel4S 0.5 l / ha Elumis 1,3 l / ha (04.06.2018)	Banvel 0.4 l/ha + Calaris 1.5 l/ha	Herbicide 1l/ha Elumis plus 3l/ha Gardo Gold plus	Elumis 1,3 l/ha + Banvel 4S 0.4l/ha (17.06.18)	30.05.2016: Elumis (0.5 l/ha) + Gardo Gold (1 l/ha) 04.06.2018: Elumis (0.5 l/ha) + Gardo Gold (1 l/ha)	24.5.: Aspect 2.0l/ha, Laudis 2.0l/ha, Banvel M 0.5l/ha	24.05.2018 Gardo Gold 4 l/ha, Callisto 0.6 lt / Dasul extra 0.6 lt Ha	15.5.: Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha	28.5.18 Titus 30g/ha, Lunar 0.7 l/ha und Netzmittel 0.8 l/ha	
Grunddüngung / fumure de base / basic fertilisation:	Purin de bovins 54 m3/ha 110 N 55 P2O5 148 K2O 22 MgO	compost 30-32-42 30 N 32 P 42 K 13-9-16 60 N 41 P 73 K	Lander 13.9.16 600kg/ha 65 N 45 P 80 K	-	27.08.2017: Supertriple 0.46.0.12 (190 kg/ha) + Potasse 0.0.60 (240 kg/ha)	11.4. Triple Superphosphat 46% 92 kgP2O5/ha; 12.4. Kali 60% 180 kg K2O/ha	nach Raps 20 to/ha Stapelmist (Herbst 2017)	nach Raps 20 to/ha Stapelmist (Herbst 2017)	07.05.18 Laufstallmist 22 dt/ha	
N-Düngung / fumure N / N fertilisation:	Urée perée 46 % 117 kg/ha 54 N	33-0-0 90 N	nitrate d'ammoniacque 27 % 300 kg 81 N	38.5 kg N/ha (ammonitrate, 26.05.18); 78 kg N/ha (urée 10.06.18)	22.05.2018: Urée 46.0.0 (320 kg/ha)	Harnstoff 46% 82.8 kg N/ha (11.5.), Harnstoff 46 % 32.2 kg N/ha (11.5.)	29.05.2018 Harnstoff 46% 300 kg/ha	5.5.: Ammonsalpeter (65 kg N/ha); 5.6. Harnstoff (70 kg N/ha)	06.05.18 Rindergülle 1:1 42 m3/ha	
Ernte / Récolte / harvest:		Baural Maishäckler / ensiluse			Ensiluse expérimentale					New Holland Versuchsmaishäckler

## 3.3.4 Index / Indice

Sorte	Status	VOS	Ertrag	Reife	Jugend- entwi.	Wurzellag.		Stängelbr.	Beulen-		Agron. Index	Gesamt- index
						Veg.	Ernte		brand	Index		
P1758	FS	5.32	16.80	-10.11	-0.55	1.11	2.33	0.47	0.29	22.12	-6.46	15.66
P9911	e1	1.92	11.33	-7.75	-0.35	0.99	1.03	0.47	-0.25	13.25	-5.87	7.37
P9903	FS	6.25	4.43	-4.33	-0.83	0.84	0.32	-0.02	0.42	10.68	-3.59	7.09
P8666	e2	1.67	5.55	1.73	-0.70	0.35	0.11	-0.36	-1.72	7.22	-0.60	6.62
SA1826	e1	-2.61	6.70	0.59	0.12	0.32	-0.77	0.31	0.13	4.10	0.70	4.80
Erasmus	e1	5.19	2.77	-4.92	-0.05	0.74	1.60	-0.94	0.23	7.96	-3.34	4.63
<b>Figaro</b>	<b>S</b>	<b>2.66</b>	<b>-0.47</b>	<b>0.10</b>	<b>0.05</b>	<b>0.32</b>	<b>0.16</b>	<b>-0.41</b>	<b>0.41</b>	<b>2.19</b>	<b>0.63</b>	<b>2.82</b>
ES Faraday	FS	3.11	6.86	-2.06	-0.42	0.57	-4.65	-1.05	0.28	9.96	-7.33	2.63
SA2006	e1	-3.42	3.08	-0.70	-0.10	0.98	0.99	-0.10	0.11	-0.33	1.17	0.84
P8888	e1	0.85	5.64	-2.08	-0.44	0.07	-1.57	-1.30	-0.36	6.49	-5.69	0.80
Vitalico KWS	e2	-1.06	2.39	2.11	-0.08	-0.21	-2.57	-0.27	0.21	1.33	-0.81	0.52
<b>DFI45906</b>	<b>1.</b>	<b>0.95</b>	<b>-6.74</b>	<b>2.04</b>	<b>0.22</b>	<b>0.71</b>	<b>1.06</b>	<b>-1.41</b>	<b>0.41</b>	<b>-5.79</b>	<b>3.03</b>	<b>-2.76</b>
<b>ES Metronom</b>	<b>S</b>	<b>-2.66</b>	<b>0.47</b>	<b>-0.09</b>	<b>-0.05</b>	<b>-0.32</b>	<b>-0.16</b>	<b>0.42</b>	<b>-0.41</b>	<b>-2.19</b>	<b>-0.61</b>	<b>-2.80</b>
Farmagic	FS	-5.27	3.49	3.52	0.15	0.08	-4.51	-2.51	0.53	-1.78	-2.73	-4.51
Shannon	FS	7.02	3.23	-5.10	-0.69	-0.19	-7.71	-1.27	-0.23	10.25	-15.20	-4.95
Paratico	e1	-3.32	-0.63	1.88	0.09	0.08	-3.03	-1.57	0.11	-3.95	-2.42	-6.37
Charleen	FS	1.12	-3.93	2.91	-0.45	-0.47	-4.87	-1.52	0.25	-2.82	-4.15	-6.97
Palmer	S	-0.92	-0.72	-5.25	-0.51	0.05	-1.50	0.10	0.10	-1.64	-7.01	-8.65
LG 30306	S	-2.43	2.94	-3.08	-0.60	-0.70	-4.83	-0.73	0.38	0.51	-9.56	-9.05
RGT Karlaxx	e2	1.71	2.96	-1.93	-0.25	-0.22	-10.99	-1.01	0.45	4.66	-13.96	-9.29
Walterinio KWS	S	2.29	1.26	-0.47	-0.19	0.32	-0.38	-12.58	-1.15	3.55	-14.44	-10.89
Farmirage	e1	2.65	-5.15	-1.10	-0.30	-0.46	-7.87	-2.29	0.43	-2.50	-11.60	-14.10
xyz	FS	0.75	-12.97	0.58	-0.36	0.31	-1.45	-2.58	-0.43	-12.22	-3.93	-16.14
Indexx	S	-2.74	-6.01	-1.38	-0.48	-0.19	-6.50	-3.08	0.19	-8.75	-11.44	-20.19
<b>Bezugsgrößen</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Anz. Beob.		14	17	17	17	2	5	8	14			
Anz. Orte		5	6	6	6	1	2	3	5			
Gewichtung		0.40	0.50	1.25	0.50	0.25	0.75	0.75	0.25			

## 3.3.5 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- ent- wicklg. Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Wurzel- lager Veg. %	Wurzel- lager Ernte %	Stängel- bruch Ernte %
Palmer	4.4	81.4	80.6	284.2	140.8	49.4	25.5	16.2	1.0
Walterinio KWS	3.7	75.5	74.6	295.0	138.3	46.7	19.0	11.7	34.8
<b>Figaro</b>	<b>3.3</b>	<b>75.6</b>	<b>75.2</b>	<b>278.3</b>	<b>140.0</b>	<b>50.2</b>	<b>19.1</b>	<b>9.5</b>	<b>2.4</b>
Indexx	4.3	76.0	76.3	272.5	133.3	49.0	31.3	36.2	9.5
LG 30306	4.6	80.5	79.9	287.9	155.0	53.8	43.5	29.5	3.2
<b>ES Metronom</b>	<b>3.4</b>	<b>73.1</b>	<b>74.3</b>	<b>281.3</b>	<b>135.0</b>	<b>47.8</b>	<b>34.3</b>	<b>10.8</b>	<b>0.1</b>
RGT Karlaxx	3.8	77.1	76.7	301.3	145.8	48.3	32.0	54.1	4.0
P8666	4.8	78.4	78.4	270.0	130.8	48.4	18.3	9.7	2.2
Vitalico KWS	3.5	76.8	76.2	284.6	146.3	51.3	31.7	20.4	2.0
P8888	4.2	77.4	78.3	289.2	129.6	44.9	25.0	16.5	4.7
Farmirage	4.0	75.3	75.0	269.6	129.2	48.0	37.7	41.7	7.4
Paratico	3.2	74.0	74.5	278.8	136.3	48.9	24.7	22.3	5.4
SA1826	3.1	75.2	74.6	293.3	128.8	43.8	19.1	13.3	0.4
SA2006	3.6	76.6	74.9	300.4	125.4	41.7	3.2	6.2	1.5
DFI45906	2.9	72.8	72.8	278.3	115.8	41.6	9.6	5.9	5.0
Erasmus	3.4	76.3	76.3	287.5	138.8	48.3	8.9	3.8	3.8
P9911	4.1	80.9	81.8	273.3	137.9	50.5	2.9	6.1	0.0
xyz	4.1	74.3	73.3	260.4	124.2	47.7	19.3	16.0	8.1
Shannon	4.7	81.3	81.3	295.0	140.8	47.5	31.4	41.0	4.6
P9903	5.0	80.8	81.3	268.3	119.6	44.5	6.5	8.9	1.3
Farmagic	3.1	74.8	74.3	268.8	135.0	50.2	24.8	28.2	7.9
Charleen	4.3	75.9	76.4	274.2	133.8	48.7	38.0	29.6	5.3
P1758	4.5	81.8	82.6	272.5	130.4	47.9	0.0	0.8	0.0
ES Faraday	4.2	78.0	77.5	287.9	139.2	48.3	13.0	28.8	4.0
<b>-Bezugsgrösse(n)</b>	<b>3.3</b>	<b>74.3</b>	<b>74.7</b>	<b>279.8</b>	<b>137.5</b>	<b>49.0</b>	<b>26.7</b>	<b>10.2</b>	<b>1.2</b>
<b>Versuchs-Mittel</b>	<b>3.9</b>	<b>77.1</b>	<b>77.0</b>	<b>281.4</b>	<b>134.6</b>	<b>47.8</b>	<b>21.6</b>	<b>19.5</b>	<b>4.9</b>
VK [%]	20.8	2.1	2.1	4.0	8.6	8.1	66.1	82.0	123.4
KGD (5%)	0.5	1.3	1.3	9.2	9.3	3.1		20.1	6.0
KGD (1%)	0.7	1.7	1.7	12.1	12.3	4.1		26.7	8.0
Versuchs-Streuung	0.8	1.6	1.6	11.4	11.6	3.9	14.3	16.0	6.1
FG Fehlerterm	252.0	183.0	184.0	183.0	183.0	183.0	23.0	69.0	115.0
Anz. Beob.	17.0	12.0	12.0	12.0	12.0	12.0	2.0	5.0	8.0
Anz. Orte	6.0	4.0	4.0	4.0	4.0	4.0	1.0	2.0	3.0
Minimum	2.9	72.8	72.8	260.4	115.8	41.6	0.0	0.8	0.0
Maximum	5.0	81.8	82.6	301.3	155.0	53.8	43.5	54.1	34.8

Sorten Bezeichnung	Helmin. thosp. 1. Bon. Note	dürre Blatt- fläche %	Beulen- brand %	Mais- zünsler %	allg. Ein- druck Note	Effekt. Best. dichte Pfl./m2	Ertrag g.Pfl. frisch dt/ha	TS- Ertrag g.Pfl. dt/ha	TS- Gehalt g.Pfl. %
Palmer	1.7	46.7	2.5	6.1	3.0	8.9	623.9	235.6	38.0
Walterinio KWS	2.7	51.7	8.5	15.5	2.7	9.0	578.6	239.6	41.8
<b>Figaro</b>	<b>1.0</b>	<b>45.0</b>	<b>1.0</b>	<b>6.3</b>	<b>2.0</b>	<b>9.3</b>	<b>563.5</b>	<b>236.1</b>	<b>42.3</b>
Indexx	2.0	61.7	2.1	9.9	3.0	9.0	558.3	225.1	41.1
<b>LG 30306</b>	<b>3.0</b>	<b>46.7</b>	<b>1.1</b>	<b>4.2</b>	<b>3.0</b>	<b>9.1</b>	<b>617.8</b>	<b>243.0</b>	<b>39.7</b>
<b>ES Metronom</b>	<b>3.0</b>	<b>46.7</b>	<b>4.9</b>	<b>5.2</b>	<b>2.7</b>	<b>8.9</b>	<b>572.3</b>	<b>238.0</b>	<b>42.1</b>
RGT Karlaxx	2.7	43.3	0.8	7.7	2.7	9.3	608.7	243.0	40.6
P8666	2.0	51.7	11.2	7.7	2.3	8.5	578.6	248.2	43.6
Vitalico KWS	1.0	63.3	2.0	6.8	3.0	9.1	557.5	241.9	43.9
P8888	2.7	50.0	4.7	11.3	2.3	8.9	620.8	248.4	40.5
Farmirage	2.3	43.3	0.9	6.3	3.3	9.4	552.8	226.8	41.3
Paratico	1.0	61.7	2.4	17.8	3.7	9.0	549.9	235.8	43.7
SA1826	3.0	43.3	2.3	5.8	3.7	9.1	592.0	250.5	42.7
SA2006	2.0	51.7	2.4	6.6	3.0	9.4	590.0	243.2	41.6
DFI45906	2.3	56.7	1.0	13.3	4.3	9.0	518.1	223.6	43.8
Erasmus	3.0	36.7	1.8	8.9	2.3	8.9	640.3	242.6	38.2
P9911	2.0	26.7	4.2	3.5	1.7	8.9	729.5	259.7	36.0
xyz	2.7	51.7	5.0	8.9	5.3	8.9	499.9	211.1	42.6
Shannon	2.0	38.3	4.1	9.2	4.0	9.2	645.0	243.5	38.1
P9903	1.3	35.0	0.9	6.7	1.7	8.9	641.0	245.9	38.7
Farmagic	3.0	66.7	0.4	8.8	3.3	8.8	554.1	244.1	45.0
Charleen	3.7	63.3	1.8	13.1	4.3	9.1	522.4	229.2	44.5
P1758	1.3	26.7	1.5	3.8	1.0	8.7	797.5	270.7	34.1
ES Faraday	1.7	38.3	1.6	8.8	1.0	9.1	624.1	250.8	40.5
<b>-Bezugsgrösse(n)</b>	<b>2.0</b>	<b>45.8</b>	<b>3.0</b>	<b>5.8</b>	<b>2.3</b>	<b>9.1</b>	<b>567.9</b>	<b>237.1</b>	<b>42.2</b>
<b>Versuchs-Mittel</b>	<b>2.2</b>	<b>47.8</b>	<b>2.9</b>	<b>8.4</b>	<b>2.9</b>	<b>9.0</b>	<b>597.4</b>	<b>240.7</b>	<b>41.0</b>
VK [%]	17.3	21.8	102.9	61.6	23.9	5.0	7.7	7.4	5.9
KGD (5%)	0.6	17.1	2.2	6.0	1.1	0.3	30.9	12.0	1.6
KGD (1%)	0.8	22.8	2.9	7.9	1.5	0.4	40.7	15.9	2.2
Versuchs-Streuung	0.4	10.4	3.0	5.2	0.7	0.5	45.7	17.8	2.4
FG Fehlerterm	46.0	46.0	207.0	91.0	46.0	252.0	253.0	253.0	253.0
Anz. Beob.	3.0	3.0	14.0	6.0	3.0	17.0	17.0	17.0	17.0
Anz. Orte	1.0	1.0	5.0	2.0	1.0	6.0	6.0	6.0	6.0
Minimum	1.0	26.7	0.4	3.5	1.0	8.5	499.9	211.1	34.1
Maximum	3.7	66.7	11.2	17.8	5.3	9.4	797.5	270.7	45.0

Sorten Bezeichnung	VOS- Ertrag	Stärke- Ertrag	VOS Gehalt NIR	Stärke Gehalt NIR	Rohfas. Gehalt NIR	NDF Gehalt NIR	Rohprot. Gehalt NIR	NEL Gehalt MJ/kg TS	NEV Gehalt MJ/kg TS
	dt/ha	dt/ha	g/kg TS	g/kg TS	g/kg TS	g/kg TS	g/kg TS	TS	TS
Palmer	161.9	76.6	691.4	325.1	174.7	391.6	65.6	6.3	6.4
Walterinio KWS	167.2	78.8	701.0	328.1	162.8	349.6	64.5	6.4	6.5
<b>Figaro</b>	<b>167.0</b>	<b>72.4</b>	<b>702.1</b>	<b>305.1</b>	<b>166.3</b>	<b>374.0</b>	<b>64.1</b>	<b>6.4</b>	<b>6.5</b>
Indexx	155.1	70.7	685.9	312.6	171.9	377.7	64.9	6.2	6.3
<b>LG 30306</b>	<b>165.5</b>	<b>79.8</b>	<b>686.9</b>	<b>328.8</b>	<b>175.2</b>	<b>399.8</b>	<b>64.4</b>	<b>6.2</b>	<b>6.3</b>
<b>ES Metronom</b>	<b>163.0</b>	<b>74.2</b>	<b>686.2</b>	<b>310.9</b>	<b>167.4</b>	<b>372.6</b>	<b>65.7</b>	<b>6.2</b>	<b>6.3</b>
RGT Karlaxx	168.4	72.7	699.3	301.0	171.6	388.6	60.8	6.3	6.5
<b>P8666</b>	<b>174.2</b>	<b>78.9</b>	<b>699.2</b>	<b>317.0</b>	<b>169.9</b>	<b>389.0</b>	<b>63.9</b>	<b>6.3</b>	<b>6.5</b>
Vitalico KWS	168.7	74.0	691.0	299.2	172.0	381.3	60.0	6.2	6.4
<b>P8888</b>	<b>173.3</b>	<b>77.1</b>	<b>696.7</b>	<b>308.5</b>	<b>172.6</b>	<b>388.8</b>	<b>64.1</b>	<b>6.3</b>	<b>6.5</b>
Farmirage	157.7	77.0	702.1	340.8	156.8	352.3	61.9	6.4	6.5
Paratico	163.0	67.8	684.2	282.6	172.0	379.2	60.8	6.2	6.3
<b>SA1826</b>	<b>173.9</b>	<b>76.9</b>	<b>686.3</b>	<b>301.9</b>	<b>175.2</b>	<b>388.7</b>	<b>63.1</b>	<b>6.2</b>	<b>6.3</b>
<b>SA2006</b>	<b>165.9</b>	<b>72.4</b>	<b>683.9</b>	<b>298.7</b>	<b>175.7</b>	<b>388.4</b>	<b>62.8</b>	<b>6.2</b>	<b>6.3</b>
<b>DFI45906</b>	<b>155.3</b>	<b>76.0</b>	<b>697.0</b>	<b>340.0</b>	<b>162.6</b>	<b>366.3</b>	<b>65.8</b>	<b>6.3</b>	<b>6.5</b>
Erasmus	176.2	81.6	709.7	328.3	159.1	350.9	69.2	6.4	6.7
<b>P9911</b>	<b>181.7</b>	<b>87.2</b>	<b>699.9</b>	<b>333.3</b>	<b>171.5</b>	<b>386.3</b>	<b>66.0</b>	<b>6.4</b>	<b>6.5</b>
xyz	147.6	68.6	696.4	322.6	166.5	372.7	67.3	6.3	6.5
Shannon	173.1	81.9	715.2	336.8	160.1	366.8	62.7	6.5	6.7
<b>P9903</b>	<b>174.7</b>	<b>91.6</b>	<b>712.9</b>	<b>372.7</b>	<b>157.5</b>	<b>358.7</b>	<b>63.4</b>	<b>6.5</b>	<b>6.7</b>
Farmagic	164.0	76.8	678.3	311.4	173.0	381.3	60.3	6.1	6.2
Charleen	159.8	74.1	697.5	319.3	169.5	377.7	60.8	6.3	6.5
<b>P1758</b>	<b>189.9</b>	<b>83.3</b>	<b>710.1</b>	<b>308.1</b>	<b>173.6</b>	<b>394.0</b>	<b>66.8</b>	<b>6.5</b>	<b>6.7</b>
<b>ES Faraday</b>	<b>177.1</b>	<b>87.0</b>	<b>703.5</b>	<b>345.2</b>	<b>164.5</b>	<b>369.1</b>	<b>62.4</b>	<b>6.4</b>	<b>6.6</b>
<b>-Bezugsgrösse(n)</b>	<b>165.0</b>	<b>73.3</b>	<b>694.2</b>	<b>308.0</b>	<b>166.8</b>	<b>373.3</b>	<b>64.9</b>	<b>6.3</b>	<b>6.4</b>
<b>Versuchs-Mittel</b>	<b>167.7</b>	<b>77.4</b>	<b>696.5</b>	<b>319.9</b>	<b>168.4</b>	<b>376.9</b>	<b>63.8</b>	<b>6.3</b>	<b>6.5</b>
VK [%]	8.6	14.0	3.1	11.4	8.4	7.2	4.2	3.8	4.7
KGD (5%)	10.7	8.1	16.1	27.1	10.6	20.2	2.0	0.2	0.2
KGD (1%)	14.1	10.6	21.2	35.7	14.0	26.6	2.7	0.2	0.3
Versuchs-Streuung	14.4	10.8	21.5	36.3	14.2	27.0	2.7	0.2	0.3
FG Fehlerterm	207.0	207.0	206.0	206.0	206.0	206.0	206.0	206.0	206.0
Anz. Beob.	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Anz. Orte	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Minimum	147.6	67.8	678.3	282.6	156.8	349.6	60.0	6.1	6.2
Maximum	189.9	91.6	715.2	372.7	175.7	399.8	69.2	6.5	6.7

## 3.3.6 Details / Détails

## Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
Palmer	4.4 -----	5.0 -----	3.3 ----	5.3 -----	4.5 -----
Walterinio KWS	3.7 ----	4.3 ----	4.0 -----	4.5 ----	3.2 ----
<b>Figaro</b>	<b>3.3 --</b>	<b>5.0 -----</b>	<b>2.7 --</b>	<b>4.0 --</b>	<b>2.5 --</b>
Indexx	4.3 -----	5.3 -----	4.3 -----	5.0 -----	4.3 -----
LG 30306	4.6 -----	5.0 -----	5.0 -----	5.7 -----	4.2 -----
<b>ES Metronom</b>	<b>3.4 ---</b>	<b>4.0 ----</b>	<b>4.0 -----</b>	<b>3.7 -</b>	<b>3.5 -----</b>
RGT Karlaxx	3.8 ----	5.0 -----	4.3 -----	4.7 ----	3.0 ----
P8666	4.8 -----	5.0 -----	4.3 -----	6.0 -----	4.5 -----
Vitalico KWS	3.5 --	5.0 -----	2.3 -	4.3 --	4.0 -----
P8888	4.2 -----	5.3 -----	3.3 ----	5.3 -----	3.8 -----
Farmirage	4.0 -----	5.0 -----	4.3 -----	4.3 --	4.7 -----
Paratico	3.2 --	3.7 --	3.0 --	4.3 --	3.0 ----
SA1826	3.1 --	3.0 -	3.7 ----	4.0 --	2.8 --
SA2006	3.6 ----	4.7 -----	3.0 --	4.7 ----	2.3 -
DFI45906	2.9 -	3.3 --	3.0 --	3.7 -	2.5 --
Erasmus	3.4 ---	4.0 ----	2.7 --	4.7 ----	4.0 -----
P9911	4.1 -----	5.0 -----	2.7 --	5.3 -----	3.8 -----
XYZ	4.1 -----	4.7 -----	4.3 -----	5.0 -----	3.2 -----
Shannon	4.7 -----	6.0 -----	5.7 -----	5.7 -----	3.5 -----
P9903	5.0 -----	5.7 -----	4.3 -----	6.0 -----	4.7 -----
Farmagic	3.1 -	4.0 ----	3.0 --	3.7 -	2.2 -
Charleen	4.3 -----	4.7 -----	3.7 -----	4.7 -----	4.2 -----
P1758	4.5 -----	5.0 -----	5.0 -----	5.7 -----	3.7 -----
ES Faraday	4.2 -----	5.0 -----	4.7 -----	4.0 --	3.7 -----
<b>-Bezugsgrösse(n)</b>	<b>3.3 ---</b>	<b>4.5 -----</b>	<b>3.3 ----</b>	<b>3.8 -</b>	<b>3.0 ----</b>
Versuchs-Mittel	3.9 -----	4.7 -----	3.8 -----	4.8 -----	3.6 -----
VK [%]	20.8	8.4	20.5	11.2	24.4
KGD (5%)	0.5	0.7	1.3	0.9	1.4
KGD (1%)	0.7	0.9	1.7	1.2	1.9
Versuchs-Streuung	0.8	0.4	0.8	0.5	0.9
FG Fehlerterm	252.0	46.0	46.0	45.0	46.0
Anz. Beob.	17.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	137.3	23	9.01 ***		1.57	0.0000
Anbauorte	147.9	5	44.65 ***		2.25	0.0000
WW Verf.*Anb.Orte	95.2	115	1.25 ns		1.29	
Fehler	167.0	252				
Insgesamt	547.4	395				



## Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8566		9436	
	Ellighausen TG		Balgach / SG	
Palmer	4.5	-----	3.5	-----
Walterinio KWS	3.2	---	3.3	-----
<b>Figaro</b>	<b>2.3</b>	<b>-</b>	<b>3.0</b>	<b>-----</b>
Indexx	3.8	----	3.0	-----
LG 30306	4.0	-----	3.5	-----
<b>ES Metronom</b>	<b>2.5</b>	<b>-</b>	<b>3.0</b>	<b>-----</b>
RGT Karlaxx	3.3	----	2.8	----
P8666	5.7	-----	3.0	-----
Vitalico KWS	3.2	---	2.3	--
P8888	3.3	----	4.3	-----
Farmirage	2.7	--	2.8	----
Paratico	3.0	---	2.0	-
SA1826	2.7	--	2.5	---
SA2006	3.2	---	3.5	-----
DFI45906	3.0	---	2.0	-
Erasmus	2.8	--	2.5	---
P9911	3.5	----	4.0	-----
XYZ	4.0	-----	3.3	-----
Shannon	3.5	----	4.0	-----
P9903	4.8	-----	4.5	-----
Farmagic	3.0	---	2.5	---
Charleen	4.8	-----	3.5	-----
P1758	3.7	-----	3.8	-----
ES Faraday	4.3	-----	3.5	-----
<b>-Bezugsgrösse(n)</b>	<b>2.4</b>	<b>-</b>	<b>3.0</b>	<b>-----</b>
Versuchs-Mittel	3.5	----	3.2	-----
VK [%]	36.1		20.6	
KGD (5%)	ns		1.3	
KGD (1%)	ns		ns	
Versuchs-Streuung	1.3		0.7	
FG Fehlerterm	46.0		23.0	
Anz. Beob.	3.0		2.0	

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	81.4 -----	75.3 -----	82.0 -----	83.3 -----	85.0 -----
Walterinio KWS	75.5 ----	71.0 ----	75.5 ----	77.7 ----	78.0 ---
<b>Figaro</b>	<b>75.6 ----</b>	<b>72.7 -----</b>	<b>74.3 ---</b>	<b>77.7 ----</b>	<b>77.7 ---</b>
Indexx	76.0 ----	72.3 ----	74.7 ---	79.0 ----	78.0 ---
LG 30306	80.5 -----	75.3 -----	81.7 -----	82.3 -----	82.7 -----
<b>ES Metronom</b>	<b>73.1 -</b>	<b>69.0 -</b>	<b>71.3 -</b>	<b>76.3 --</b>	<b>75.7 -</b>
RGT Karlaxx	77.1 ----	73.0 ----	77.0 ----	79.3 ----	79.0 ----
P8666	78.4 -----	73.0 ----	80.3 -----	77.7 ----	82.7 -----
Vitalico KWS	76.8 ----	72.3 ----	76.3 ----	80.0 ----	78.3 ---
P8888	77.4 ----	73.0 ----	77.3 ----	79.7 ----	79.7 ----
Farmirage	75.3 ---	71.0 ----	75.7 ----	76.3 --	78.0 ---
Paratico	74.0 --	69.7 --	72.0 -	77.3 ---	77.0 --
SA1826	75.2 ---	70.7 ---	75.3 ----	77.3 ---	77.3 --
SA2006	76.6 ----	73.3 -----	76.0 ----	78.0 ----	79.0 ----
DFI45906	72.8 -	68.7 -	71.7 -	75.0 -	75.7 -
Erasmus	76.3 ----	72.3 ----	75.3 ----	79.3 ----	78.3 ---
P9911	80.9 -----	75.0 -----	83.0 -----	82.0 -----	83.7 -----
XYZ	74.3 --	70.7 ---	72.7 --	76.3 --	77.3 --
Shannon	81.3 -----	76.7 -----	83.3 -----	82.3 -----	82.7 -----
P9903	80.8 -----	75.3 -----	81.3 -----	83.7 -----	83.0 -----
Farmagic	74.8 ---	70.3 ---	74.7 ---	77.0 ---	77.3 --
Charleen	75.9 ----	69.7 --	75.7 ----	78.3 ----	80.0 ----
P1758	81.8 -----	76.7 -----	84.3 -----	81.3 -----	85.0 -----
ES Faraday	78.0 ----	73.3 ----	77.3 ----	79.3 ----	82.0 ----
<b>-Bezugsgrösse(n)</b>	<b>74.3 --</b>	<b>70.8 ---</b>	<b>72.8 --</b>	<b>77.0 ---</b>	<b>76.7 --</b>
Versuchs-Mittel	77.1 ----	72.5 ----	77.0 ----	79.0 ----	79.7 ----
VK [%]	2.1	1.7	1.4	2.7	2.1
KGD (5%)	1.3	2.1	1.8	3.5	2.8
KGD (1%)	1.7	2.8	2.4	4.6	3.8
Versuchs-Streuung	1.6	1.3	1.1	2.1	1.7
FG Fehlerterm	183.0	46.0	45.0	46.0	46.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2092.2	23	35.66 ***	1.59	0.0000
Anbauorte	2271.8	3	296.83 ***	2.65	0.0000
WW Verf.*Anb.Orte	276.2	69	1.57 **	1.37	0.0094
Fehler	466.9	183			
Insgesamt	5107.2	278			

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	80.6 -----	73.7 -----	79.3 -----	83.7 -----	85.7 -----
Walterinio KWS	74.6 --	69.7 --	72.7 --	78.0 ---	78.0 --
<b>Figaro</b>	<b>75.2 ---</b>	<b>70.0 ---</b>	<b>74.0 ---</b>	<b>78.0 ---</b>	<b>78.7 ---</b>
Indexx	76.3 ----	71.0 ----	75.3 ----	79.3 ----	79.3 ----
LG 30306	79.9 -----	74.0 -----	79.7 -----	82.3 -----	83.7 -----
<b>ES Metronom</b>	<b>74.3 --</b>	<b>70.0 ---</b>	<b>73.0 --</b>	<b>77.0 --</b>	<b>77.0 -</b>
RGT Karlaxx	76.7 ----	72.0 ----	76.7 ----	79.0 ----	79.0 ----
P8666	78.4 -----	74.0 -----	78.0 -----	78.7 ----	83.0 -----
Vitalico KWS	76.2 ----	71.0 ----	75.3 ----	80.0 ----	78.3 --
P8888	78.3 -----	74.0 -----	77.3 -----	80.3 -----	81.7 -----
Farmirage	75.0 ---	70.3 ---	74.7 ----	76.7 --	78.3 --
Paratico	74.5 --	69.0 --	72.3 --	78.3 ---	78.3 --
SA1826	74.6 --	69.0 --	73.0 --	78.0 ---	78.3 --
SA2006	74.9 ---	69.7 --	74.0 ---	77.7 ---	78.3 --
DFI45906	72.8 -	68.0 -	71.0 -	75.7 -	76.7 -
Erasmus	76.3 ----	70.7 ---	74.3 ---	80.7 -----	79.3 ---
P9911	81.8 -----	75.7 -----	81.0 -----	85.0 -----	85.7 -----
XYZ	73.3 -	68.3 -	71.7 -	76.0 -	77.0 -
Shannon	81.3 -----	74.7 -----	82.3 -----	83.7 -----	84.3 -----
P9903	81.3 -----	75.7 -----	81.0 -----	84.3 -----	84.3 -----
Farmagic	74.3 --	69.0 --	72.3 --	77.7 ---	78.0 --
Charleen	76.4 ----	69.3 --	75.3 ----	80.0 ----	81.0 ----
P1758	82.6 -----	77.7 -----	83.3 -----	82.7 -----	86.7 -----
ES Faraday	77.5 ----	72.3 ----	75.3 ----	79.7 ----	82.7 -----
<b>-Bezugsgrösse(n)</b>	<b>74.7 ---</b>	<b>70.0 ---</b>	<b>73.5 ---</b>	<b>77.5 ---</b>	<b>77.8 --</b>
Versuchs-Mittel	77.0 -----	71.6 ----	76.0 -----	79.7 -----	80.6 ----
VK [%]	2.1	1.6	1.8	2.5	2.2
KGD (5%)	1.3	1.9	2.2	3.3	2.9
KGD (1%)	1.7	2.5	3.0	4.4	3.9
Versuchs-Streuung	1.6	1.1	1.3	2.0	1.8
FG Fehlerterm	184.0	46.0	46.0	46.0	46.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2341.8	23	39.73 ***	1.59	0.0000
Anbauorte	3595.9	3	467.68 ***	2.65	0.0000
WW Verf.*Anb.Orte	199.6	69	1.13 ns	1.37	0.2609
Fehler	471.6	184			
Insgesamt	6608.9	279			

## Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	284.2	281.7	273.3	301.7	280.0
Walterinio KWS	295.0	278.3	290.0	308.3	303.3
<b>Figaro</b>	<b>278.3</b>	<b>260.0</b>	<b>285.0</b>	<b>291.7</b>	<b>276.7</b>
Indexx	272.5	253.3	290.0	266.7	280.0
LG 30306	287.9	275.0	268.3	301.7	306.7
<b>ES Metronom</b>	<b>281.3</b>	<b>258.3</b>	<b>291.7</b>	<b>291.7</b>	<b>283.3</b>
RGT Karlaxx	301.3	280.0	298.3	310.0	316.7
P8666	270.0	253.3	268.3	290.0	268.3
Vitalico KWS	284.6	271.7	291.7	288.3	286.7
P8888	289.2	273.3	283.3	300.0	300.0
Farmirage	269.6	245.0	281.7	263.3	288.3
Paratico	278.8	265.0	288.3	285.0	276.7
SA1826	293.3	271.7	293.3	303.3	305.0
SA2006	300.4	293.3	290.0	311.7	306.7
DFI45906	278.3	263.3	300.0	278.3	271.7
Erasmus	287.5	270.0	295.0	270.0	315.0
P9911	273.3	260.0	273.3	273.3	286.7
XYZ	260.4	266.7	271.7	256.7	246.7
Shannon	295.0	273.3	281.7	305.0	320.0
P9903	268.3	260.0	255.0	278.3	280.0
Farmagic	268.8	248.3	285.0	271.7	270.0
Charleen	274.2	266.7	276.7	290.0	263.3
P1758	272.5	268.3	253.3	285.0	283.3
ES Faraday	287.9	278.3	288.3	298.3	286.7
<b>-Bezugsgrösse(n)</b>	<b>279.8</b>	<b>259.2</b>	<b>288.3</b>	<b>291.7</b>	<b>280.0</b>
Versuchs-Mittel	281.4	267.3	282.2	288.3	287.6
VK [%]	4.0	3.2	3.8	4.5	4.4
KGD (5%)	9.2	14.3	17.5	21.4	20.8
KGD (1%)	12.1	19.0	23.4	28.6	27.7
Versuchs-Streuung	11.4	8.7	10.6	13.0	12.6
FG Fehlerterm	183.0	46.0	45.0	46.0	46.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	33726.0	23	11.32 ***	1.59	0.0000
Anbauorte	20580.9	3	52.95 ***	2.65	0.0000
WW Verf.*Anb.Orte	26198.3	69	2.93 ***	1.37	0.0001
Fehler	23710.4	183			
Insgesamt	104215.6	278			

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	140.8 -----	125.0 -----	130.0 -----	165.0 -----	143.3 -----
Walterinio KWS	138.3 -----	125.0 -----	120.0 ---	166.7 -----	141.7 -----
<b>Figaro</b>	<b>140.0 -----</b>	<b>116.7 ---</b>	<b>136.7 -----</b>	<b>161.7 -----</b>	<b>145.0 -----</b>
Indexx	133.3 ----	113.3 ---	138.3 -----	155.0 -----	126.7 --
LG 30306	155.0 -----	130.0 -----	143.3 -----	176.7 -----	170.0 -----
<b>ES Metronom</b>	<b>135.0 ----</b>	<b>111.7 --</b>	<b>128.3 -----</b>	<b>163.3 -----</b>	<b>136.7 ----</b>
RGT Karlaxx	145.8 -----	120.0 ----	146.7 -----	161.7 -----	155.0 -----
P8666	130.8 ----	116.7 ----	125.0 ----	155.0 -----	126.7 --
Vitalico KWS	146.3 -----	133.3 -----	141.7 -----	163.3 -----	146.7 -----
P8888	129.6 ----	125.0 -----	121.7 ---	151.7 -----	120.0 -
Farmirage	129.2 ----	115.0 ---	125.0 ----	140.0 ----	136.7 ----
Paratico	136.3 -----	123.3 -----	140.0 -----	145.0 ----	136.7 ----
SA1826	128.8 ----	113.3 ---	118.3 ---	150.0 -----	133.3 ---
SA2006	125.4 ---	111.7 --	111.7 -	156.7 -----	121.7 -
DFI45906	115.8 -	108.3 -	111.7 -	120.0 -	123.3 -
Erasmus	138.8 -----	123.3 -----	131.7 -----	145.0 ----	155.0 -----
P9911	137.9 -----	126.7 -----	136.7 -----	146.7 ----	141.7 ----
XYZ	124.2 ---	125.0 -----	123.3 ----	121.7 -	126.7 --
Shannon	140.8 -----	113.3 ---	126.7 ----	160.0 -----	163.3 -----
P9903	119.6 --	110.0 -	110.0 -	138.3 ----	120.0 -
Farmagic	135.0 ----	118.3 ----	131.7 -----	150.0 -----	140.0 ----
Charleen	133.8 -----	126.7 -----	131.7 -----	156.7 -----	120.0 -
P1758	130.4 ----	113.3 ---	126.7 ----	145.0 ----	136.7 ----
ES Faraday	139.2 -----	126.7 -----	133.3 -----	161.7 -----	135.0 ----
<b>-Bezugsgrösse(n)</b>	<b>137.5 -----</b>	<b>114.2 ---</b>	<b>132.5 -----</b>	<b>162.5 -----</b>	<b>140.8 -----</b>
Versuchs-Mittel	134.6 ----	119.7 ----	128.8 ----	152.4 ----	137.6 ----
VK [%]	8.6	7.1	8.8	6.2	11.4
KGD (5%)	9.3	14.0	18.7	15.6	25.7
KGD (1%)	12.3	ns	25.0	20.8	34.3
Versuchs-Streuung	11.6	8.5	11.4	9.5	15.6
FG Fehlerterm	183.0	46.0	45.0	46.0	46.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0
Varianz-Analyse					
	<b>S.Q.</b>	<b>FG</b>	<b>F-Wert</b>	<b>F(95%)</b>	<b>P0</b>
Verfahren	20937.5	23	6.79 ***	1.59	0.0000
Anbauorte	41897.9	3	104.24 ***	2.65	0.0000
WW Verf.*Anb.Orte	14681.3	69	1.59 **	1.37	0.0079
Fehler	24518.4	183			
Insgesamt	102035.1	278			

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	49.4 -----	44.4 -----	47.5 -----	54.6 -----	51.1 -----
Walterinio KWS	46.7 -----	44.9 -----	41.3 ---	54.1 -----	46.6 -----
<b>Figaro</b>	<b>50.2 -----</b>	<b>44.9 -----</b>	<b>48.0 -----</b>	<b>55.4 -----</b>	<b>52.4 -----</b>
Indexx	49.0 -----	44.7 -----	47.7 -----	58.2 -----	45.2 ---
LG 30306	53.8 -----	47.3 -----	53.8 -----	58.6 -----	55.5 -----
<b>ES Metronom</b>	<b>47.8 -----</b>	<b>43.3 -----</b>	<b>43.8 -----</b>	<b>56.0 -----</b>	<b>48.2 -----</b>
RGT Karlaxx	48.3 -----	42.8 -----	49.4 -----	52.2 -----	48.9 -----
P8666	48.4 -----	46.1 -----	46.8 -----	53.4 -----	47.2 -----
Vitalico KWS	51.3 -----	49.0 -----	48.7 -----	56.7 -----	51.0 -----
P8888	44.9 ---	45.8 -----	43.1 ---	50.6 -----	40.0 -
Farmirage	48.0 -----	46.9 -----	44.4 -----	53.3 -----	47.3 -----
Paratico	48.9 -----	46.6 -----	48.6 -----	51.0 -----	49.2 -----
SA1826	43.8 --	41.7 ---	40.2 --	49.5 -----	43.7 ---
SA2006	41.7 -	38.0 -	38.6 -	50.2 -----	39.7 -
DFI45906	41.6 -	41.0 ---	37.2 -	43.0 -	45.3 ---
Erasmus	48.3 -----	45.7 -----	44.5 -----	53.7 -----	49.2 -----
P9911	50.5 -----	48.8 -----	50.0 -----	53.7 -----	49.4 -----
XYZ	47.7 -----	46.8 -----	45.5 -----	47.3 ---	51.1 -----
Shannon	47.5 -----	41.6 ---	44.9 -----	52.4 -----	51.0 -----
P9903	44.5 ---	42.2 ---	43.2 ---	49.7 -----	42.9 ---
Farmagic	50.2 -----	47.6 -----	46.3 -----	55.1 -----	51.9 -----
Charleen	48.7 -----	47.5 -----	47.8 -----	54.0 -----	45.5 -----
P1758	47.9 -----	42.2 ---	50.3 -----	51.0 -----	48.2 -----
ES Faraday	48.3 -----	45.5 -----	46.3 -----	54.2 -----	47.1 -----
<b>-Bezugsgrösse(n)</b>	<b>49.0 -----</b>	<b>44.1 -----</b>	<b>45.9 -----</b>	<b>55.7 -----</b>	<b>50.3 -----</b>
Versuchs-Mittel	47.8 -----	44.8 -----	45.7 -----	52.8 -----	47.8 -----
VK [%]	8.1	7.1	9.5	6.1	9.3
KGD (5%)	3.1	5.2	7.2	5.3	7.3
KGD (1%)	4.1	ns	ns	7.1	ns
Versuchs-Streuung	3.9	3.2	4.4	3.2	4.5
FG Fehlerterm	183.0	46.0	45.0	46.0	46.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2236.0	23	6.55 ***	1.59	0.0000
Anbauorte	2778.0	3	62.43 ***	2.65	0.0000
WW Verf.*Anb.Orte	1144.3	69	1.12 ns	1.37	0.2767
Fehler	2714.2	183			
Insgesamt	8872.6	278			

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

Verfahren	Seriemittel	9436 Balgach / SG
Palmer	3.0 -----	3.0 -----
Walterinio KWS	2.5 ----	2.5 ----
<b>Figaro</b>	<b>2.5 ----</b>	<b>2.5 ----</b>
Indexx	3.5 -----	3.5 -----
LG 30306	4.5 -----	4.5 -----
<b>ES Metronom</b>	<b>3.8 -----</b>	<b>3.8 -----</b>
RGT Karlaxx	3.5 -----	3.5 -----
P8666	2.5 ----	2.5 ----
Vitalico KWS	3.5 -----	3.5 -----
P8888	3.0 -----	3.0 -----
Farmirage	4.0 -----	4.0 -----
Paratico	3.0 -----	3.0 -----
SA1826	2.5 ----	2.5 ----
SA2006	1.3 -	1.3 -
DF145906	1.8 ---	1.8 ---
Erasmus	1.8 ---	1.8 ---
P9911	1.3 -	1.3 -
XYZ	2.5 ----	2.5 ----
Shannon	3.5 -----	3.5 -----
P9903	1.5 --	1.5 --
Farmagic	3.0 -----	3.0 -----
Charleen	4.0 -----	4.0 -----
P1758	1.0 -	1.0 -
ES Faraday	2.0 ---	2.0 ---
<b>-Bezugsgrösse(n)</b>	<b>3.1 -----</b>	<b>3.1 -----</b>
Versuchs-Mittel	2.7 -----	2.7 -----
VK [%]	42.1	42.1
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	1.1	1.1
FG Fehlerterm	23.0	23.0
Anz. Beob.	2.0	2.0

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

Verfahren	Seriemittel		9436 Balgach / SG	
Palmer	25.5	-----	25.5	-----
Walterinio KWS	19.0	-----	19.0	-----
<b>Figaro</b>	<b>19.1</b>	-----	<b>19.1</b>	-----
Indexx	31.3	-----	31.3	-----
LG 30306	43.5	-----	43.5	-----
<b>ES Metronom</b>	<b>34.3</b>	-----	<b>34.3</b>	-----
RGT Karlaxx	32.0	-----	32.0	-----
P8666	18.3	-----	18.3	-----
Vitalico KWS	31.7	-----	31.7	-----
P8888	25.0	-----	25.0	-----
Farmirage	37.7	-----	37.7	-----
Paratico	24.7	-----	24.7	-----
SA1826	19.1	-----	19.1	-----
SA2006	3.2	-	3.2	-
DF145906	9.6	---	9.6	---
Erasmus	8.9	---	8.9	---
P9911	2.9	-	2.9	-
XYZ	19.3	-----	19.3	-----
Shannon	31.4	-----	31.4	-----
P9903	6.5	--	6.5	--
Farmagic	24.8	-----	24.8	-----
Charleen	38.0	-----	38.0	-----
P1758	0.0	-	0.0	-
ES Faraday	13.0	----	13.0	----
<b>-Bezugsgrösse(n)</b>	<b>26.7</b>	-----	<b>26.7</b>	-----
Versuchs-Mittel	21.6	-----	21.6	-----
VK [%]	66.1		66.1	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	14.3		14.3	
FG Fehlerterm	23.0		23.0	
Anz. Beob.	2.0		2.0	



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

Verfahren	Seriemittel	8046 Reckenholz ZH	9436 Balgach / SG
Palmer	2.3 ---	1.6 --	3.0 -----
Walterinio KWS	1.9 ---	1.1 -	2.8 -----
<b>Figaro</b>	<b>1.8 --</b>	<b>1.3 -</b>	<b>2.3 ----</b>
Indexx	3.9 -----	3.5 -----	4.3 -----
LG 30306	3.4 -----	2.2 ---	4.5 -----
ES Metronom	1.9 --	1.0 -	2.8 -----
RGT Karlaxx	5.3 -----	5.7 -----	5.0 -----
P8666	1.8 --	1.3 -	2.3 ----
Vitalico KWS	2.6 ----	1.2 -	4.0 -----
P8888	2.3 ----	1.6 --	3.0 -----
Farmirage	4.3 -----	3.7 -----	5.0 -----
Paratico	2.8 ----	3.3 -----	2.3 ----
SA1826	2.1 ---	1.4 -	2.8 -----
SA2006	1.5 --	1.7 --	1.3 -
DFI45906	1.5 --	1.5 --	1.5 --
Erasmus	1.3 -	1.1 -	1.5 --
P9911	1.5 --	1.2 -	1.8 --
XYZ	2.3 ---	1.5 --	3.0 -----
Shannon	4.3 -----	4.6 -----	4.0 -----
P9903	1.7 --	1.4 -	2.0 ---
Farmagic	3.3 -----	2.5 ----	4.0 -----
Charleen	3.3 -----	2.2 ---	4.5 -----
P1758	1.1 -	1.1 -	1.0 -
ES Faraday	3.3 -----	4.3 -----	2.3 ----
<b>-Bezugsgrösse(n)</b>	<b>1.8 --</b>	<b>1.1 -</b>	<b>2.5 ----</b>
Versuchs-Mittel	2.6 ----	2.2 ---	2.9 -----
VK [%]	50.0	56.9	46.1
KGD (5%)	1.6	2.0	ns
KGD (1%)	2.1	2.7	ns
Versuchs-Streuung	1.3	1.2	1.4
FG Fehlerterm	69.0	46.0	23.0
Anz. Beob.	5.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	142.7	23	3.81 ***	1.69	0.0001
Anbauorte	17.8	1	10.92 **	3.97	0.0015
WW Verf.*Anb.Orte	39.6	23	1.06 ns	1.69	0.4103
Fehler	112.2	69			
Insgesamt	312.3	116			

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

Verfahren	Seriemittel	8046 Reckenholz ZH	9436 Balgach / SG
Palmer	16.2 ---	7.1 --	25.3 -----
Walterinio KWS	11.7 ---	0.8 -	22.5 -----
<b>Figaro</b>	<b>9.5 --</b>	<b>3.3 -</b>	<b>15.7 ----</b>
Indexx	36.2 -----	31.3 -----	41.1 -----
LG 30306	29.5 -----	15.4 ---	43.5 -----
<b>ES Metronom</b>	<b>10.8 --</b>	<b>0.0 -</b>	<b>21.6 ----</b>
RGT Karlaxx	54.1 -----	58.3 -----	49.9 -----
P8666	9.7 --	4.2 -	15.3 ----
Vitalico KWS	20.4 ----	2.9 -	38.0 -----
P8888	16.5 ----	7.9 --	25.0 -----
Farmirage	41.7 -----	33.3 -----	50.0 -----
Paratico	22.3 -----	29.2 -----	15.4 ----
SA1826	13.3 ---	5.0 -	21.5 -----
SA2006	6.2 --	9.2 --	3.2 -
DFI45906	5.9 --	5.8 --	6.0 --
Erasmus	3.8 -	1.3 -	6.3 --
P9911	6.1 --	2.5 -	9.6 ---
XYZ	16.0 ---	6.3 --	25.7 -----
Shannon	41.0 -----	45.0 -----	37.0 -----
P9903	8.9 --	5.0 -	12.7 ---
Farmagic	28.2 -----	18.8 ----	37.6 -----
Charleen	29.6 -----	14.6 ---	44.7 -----
P1758	0.8 -	1.7 -	0.0 -
ES Faraday	28.8 -----	41.7 -----	15.9 ----
<b>-Bezugsgrösse(n)</b>	<b>10.2 --</b>	<b>1.7 -</b>	<b>18.7 ----</b>
Versuchs-Mittel	19.5 ----	14.6 ---	24.3 -----
VK [%]	82.0	105.6	69.8
KGD (5%)	20.1	25.4	ns
KGD (1%)	26.7	33.8	ns
Versuchs-Streuung	16.0	15.4	17.0
FG Fehlerterm	69.0	46.0	23.0
Anz. Beob.	5.0	3.0	2.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	22282.9	23	3.81 ***	1.69	0.0001
Anbauorte	2826.8	1	11.10 **	3.97	0.0014
WW Verf.*Anb.Orte	6301.7	23	1.08 ns	1.69	0.3926
Fehler	17567.0	69			
Insgesamt	48978.4	116			

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

Verfahren	Seriemittel		1567 Delley FR		8046 Reckenholz ZH		9436 Balgach / SG	
Palmer	1.1	-	1.0	-	1.2	-	1.1	--
Walterinio KWS	3.8	-----	1.7	-----	8.2	-----	1.5	-----
<b>Figaro</b>	<b>1.2</b>	<b>-</b>	<b>1.3</b>	<b>-----</b>	<b>1.1</b>	<b>-</b>	<b>1.1</b>	<b>--</b>
Indexx	1.8	---	1.3	-----	2.3	--	1.6	-----
LG 30306	1.3	--	1.0	-	1.5	-	1.3	---
<b>ES Metronom</b>	<b>1.0</b>	<b>-</b>	<b>1.0</b>	<b>-</b>	<b>1.0</b>	<b>-</b>	<b>1.0</b>	<b>-</b>
RGT Karlaxx	1.3	--	1.0	-	1.5	-	1.5	-----
P8666	1.2	-	1.0	-	1.5	-	1.0	-
Vitalico KWS	1.2	-	1.0	-	1.4	-	1.1	--
P8888	1.4	--	1.0	-	1.1	-	2.0	-----
Farmirage	1.6	---	1.3	-----	2.4	---	1.0	-
Paratico	1.4	--	1.0	-	2.2	--	1.1	--
SA1826	1.0	-	1.0	-	1.1	-	1.0	-
SA2006	1.1	-	1.0	-	1.4	-	1.0	-
DFI45906	1.4	--	1.7	-----	1.5	-	1.0	-
Erasmus	1.3	--	1.0	-	1.9	--	1.0	-
P9911	1.0	-	1.0	-	1.0	-	1.0	-
XYZ	1.7	---	1.7	-----	2.1	--	1.3	---
Shannon	1.4	--	1.7	-----	1.2	-	1.3	---
P9903	1.1	-	1.0	-	1.2	-	1.2	---
Farmagic	1.6	---	1.0	-	2.8	---	1.1	--
Charleen	1.4	--	1.0	-	2.0	--	1.3	---
P1758	1.0	-	1.0	-	1.0	-	1.0	-
ES Faraday	1.3	--	1.0	-	1.4	-	1.5	-----
<b>-Bezugsgrösse(n)</b>	<b>1.1</b>	<b>-</b>	<b>1.2</b>	<b>---</b>	<b>1.1</b>	<b>-</b>	<b>1.1</b>	<b>-</b>
Versuchs-Mittel	1.4	--	1.2	---	1.8	--	1.2	---
VK [%]	34.8		40.9		28.5		35.7	
KGD (5%)	0.5		ns		0.9		ns	
KGD (1%)	0.6		ns		1.2		ns	
Versuchs-Streuung	0.5		0.5		0.5		0.4	
FG Fehlerterm	115.0		46.0		46.0		23.0	
Anz. Beob.	8.0		3.0		3.0		2.0	
Varianz-Analyse								
	<b>S.Q.</b>		<b>FG</b>		<b>F-Wert</b>		<b>F(95%)</b>	<b>P0</b>
Verfahren	56.0		23		10.33 ***		1.62	0.0000
Anbauorte	18.7		2		39.70 ***		3.07	0.0000
WW Verf.*Anb.Orte	79.8		46		7.36 ***		1.47	0.0000
Fehler	27.1		115					
Insgesamt	181.7		186					

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

Verfahren	Seriemittel		1567 Delley FR		8046 Reckenholz ZH		9436 Balgach / SG	
Palmer	1.0	-	0.0	-	2.1	-	0.9	-
Walterinio KWS	34.8	-----	8.3	-----	89.6	-----	6.5	-----
<b>Figaro</b>	<b>2.4</b>	<b>-</b>	<b>4.2</b>	<b>-----</b>	<b>1.3</b>	<b>-</b>	<b>1.6</b>	<b>--</b>
Indexx	9.5	---	4.2	-----	16.7	--	7.6	-----
LG 30306	3.2	--	0.0	-	6.3	-	3.3	---
<b>ES Metronom</b>	<b>0.1</b>	<b>-</b>	<b>0.0</b>	<b>-</b>	<b>0.4</b>	<b>-</b>	<b>0.0</b>	<b>-</b>
RGT Karlaxx	4.0	--	0.0	-	5.8	-	6.0	-----
P8666	2.2	-	0.0	-	6.7	-	0.0	-
Vitalico KWS	2.0	-	0.0	-	5.0	-	0.9	-
P8888	4.7	--	0.0	-	1.3	-	12.9	-----
Farmirage	7.4	---	4.2	-----	17.9	---	0.0	-
Paratico	5.4	--	0.0	-	15.4	--	0.9	-
SA1826	0.4	-	0.0	-	1.3	-	0.0	-
SA2006	1.5	-	0.0	-	4.6	-	0.0	-
DFI45906	5.0	--	8.3	-----	6.7	-	0.0	-
Erasmus	3.8	--	0.0	-	11.3	--	0.0	-
P9911	0.0	-	0.0	-	0.0	-	0.0	-
XYZ	8.1	---	8.3	-----	13.3	--	2.7	---
Shannon	4.6	--	8.3	-----	2.5	-	3.1	---
P9903	1.3	-	0.0	-	2.1	-	1.8	--
Farmagic	7.9	---	0.0	-	22.9	---	0.9	-
Charleen	5.3	--	0.0	-	12.9	--	3.0	---
P1758	0.0	-	0.0	-	0.0	-	0.0	-
ES Faraday	4.0	--	0.0	-	5.4	-	6.7	-----
<b>-Bezugsgrösse(n)</b>	<b>1.2</b>	<b>-</b>	<b>2.1</b>	<b>---</b>	<b>0.8</b>	<b>-</b>	<b>0.8</b>	<b>-</b>
Versuchs-Mittel	4.9	--	1.9	---	10.5	--	2.5	---
VK [%]	123.4		308.6		62.6		225.5	
KGD (5%)	6.0		ns		10.8		ns	
KGD (1%)	8.0		ns		14.4		ns	
Versuchs-Streuung	6.1		5.9		6.6		5.5	
FG Fehlerterm	115.0		46.0		46.0		23.0	
Anz. Beob.	8.0		3.0		3.0		2.0	

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	8791.1	23	10.27 ***	1.62	0.0000
Anbauorte	2940.1	2	39.52 ***	3.07	0.0000
WW Verf.*Anb.Orte	12478.4	46	7.29 ***	1.47	0.0000
Fehler	4278.3	115			
Insgesamt	28487.9	186			

## Helminthosporium turcicum [note] / Helminthosporium turcicum [Note]

Verfahren	Seriemittel		1567 Delley FR	
Palmer	1.7	---	1.7	---
Walterinio KWS	2.7	-----	2.7	-----
<b>Figaro</b>	<b>1.0</b>	<b>-</b>	<b>1.0</b>	<b>-</b>
Indexx	2.0	----	2.0	----
LG 30306	3.0	-----	3.0	-----
<b>ES Metronom</b>	<b>3.0</b>	<b>-----</b>	<b>3.0</b>	<b>-----</b>
RGT Karlaxx	2.7	-----	2.7	-----
P8666	2.0	----	2.0	----
Vitalico KWS	1.0	-	1.0	-
P8888	2.7	-----	2.7	-----
Farmirage	2.3	-----	2.3	-----
Paratico	1.0	-	1.0	-
SA1826	3.0	-----	3.0	-----
SA2006	2.0	----	2.0	----
DFI45906	2.3	-----	2.3	-----
Erasmus	3.0	-----	3.0	-----
P9911	2.0	----	2.0	----
XYZ	2.7	-----	2.7	-----
Shannon	2.0	----	2.0	----
P9903	1.3	--	1.3	--
Farmagic	3.0	-----	3.0	-----
Charleen	3.7	-----	3.7	-----
P1758	1.3	--	1.3	--
ES Faraday	1.7	---	1.7	---
<b>-Bezugsgrösse(n)</b>	<b>2.0</b>	<b>----</b>	<b>2.0</b>	<b>----</b>
Versuchs-Mittel	2.2	-----	2.2	-----
VK [%]	17.3		17.3	
KGD (5%)	0.6		0.6	
KGD (1%)	0.8		0.8	
Versuchs-Streuung	0.4		0.4	
FG Fehlerterm	46.0		46.0	
Anz. Beob.	3.0		3.0	

## Surface foliaire sèche [%] / dürre Blattfläche [%]

Verfahren	Seriemittel	8046 Reckholz ZH
Palmer	46.7 -----	46.7 -----
Walterinio KWS	51.7 -----	51.7 -----
<b>Figaro</b>	<b>45.0 -----</b>	<b>45.0 -----</b>
Indexx	61.7 -----	61.7 -----
LG 30306	46.7 -----	46.7 -----
<b>ES Metronom</b>	<b>46.7 -----</b>	<b>46.7 -----</b>
RGT Karlaxx	43.3 -----	43.3 -----
P8666	51.7 -----	51.7 -----
Vitalico KWS	63.3 -----	63.3 -----
P8888	50.0 -----	50.0 -----
Farmirage	43.3 -----	43.3 -----
Paratico	61.7 -----	61.7 -----
SA1826	43.3 -----	43.3 -----
SA2006	51.7 -----	51.7 -----
DFI45906	56.7 -----	56.7 -----
Erasmus	36.7 ---	36.7 ---
P9911	26.7 -	26.7 -
XYZ	51.7 -----	51.7 -----
Shannon	38.3 ----	38.3 ----
P9903	35.0 ---	35.0 ---
Farmagic	66.7 -----	66.7 -----
Charleen	63.3 -----	63.3 -----
P1758	26.7 -	26.7 -
ES Faraday	38.3 ----	38.3 ----
<b>-Bezugsgrösse(n)</b>	<b>45.8 -----</b>	<b>45.8 -----</b>
Versuchs-Mittel	47.8 -----	47.8 -----
VK [%]	21.8	21.8
KGD (5%)	17.1	17.1
KGD (1%)	22.8	22.8
Versuchs-Streuung	10.4	10.4
FG Fehlerterm	46.0	46.0
Anz. Beob.	3.0	3.0

## Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	2.5 ---	1.7 ---	6.6 -----	0.0 -	0.0 -
Walterinio KWS	8.5 -----	6.3 -----	6.6 -----	12.6 -----	11.1 -----
<b>Figaro</b>	<b>1.0 -</b>	<b>1.6 ---</b>	<b>0.5 -</b>	<b>0.6 -</b>	<b>0.6 -</b>
Indexx	2.1 --	2.2 ---	4.5 ---	2.7 --	0.0 -
LG 30306	1.1 -	2.1 ---	3.6 ---	0.0 -	0.0 -
<b>ES Metronom</b>	<b>4.9 -----</b>	<b>4.0 -----</b>	<b>6.1 -----</b>	<b>5.2 ---</b>	<b>3.8 -----</b>
RGT Karlaxx	0.8 -	1.2 ---	0.8 -	1.2 -	0.0 -
P8666	11.2 -----	5.0 -----	12.0 -----	23.9 -----	10.9 -----
Vitalico KWS	2.0 --	2.7 ---	0.0 -	2.3 --	1.1 --
P8888	4.7 -----	2.6 -----	2.4 ---	3.7 --	3.1 ---
Farmirage	0.9 -	0.8 --	0.4 -	1.7 -	0.0 -
Paratico	2.4 --	5.1 -----	1.2 --	3.5 --	0.6 -
SA1826	2.3 --	0.0 -	1.6 --	4.6 ---	0.0 -
SA2006	2.4 --	0.8 --	2.7 ---	0.0 -	2.3 ---
DFI45906	1.0 -	0.0 -	1.6 --	0.6 -	1.8 --
Erasmus	1.8 --	2.6 -----	1.2 --	1.8 -	0.0 -
P9911	4.2 -----	1.6 ---	4.7 -----	9.7 -----	3.9 -----
XYZ	5.0 -----	5.6 -----	4.6 -----	8.1 -----	2.4 ---
Shannon	4.1 -----	4.5 -----	9.2 -----	1.2 -	0.0 -
P9903	0.9 -	0.0 -	2.0 --	1.4 -	1.3 --
Farmagic	0.4 -	0.0 -	0.8 -	1.3 -	0.0 -
Charleen	1.8 --	0.8 --	0.8 -	1.6 -	0.0 -
P1758	1.5 --	1.3 ---	1.2 --	1.2 -	1.2 --
ES Faraday	1.6 --	1.5 ---	2.7 ---	1.1 -	0.0 -
<b>-Bezugsgrösse(n)</b>	<b>3.0 ---</b>	<b>2.8 -----</b>	<b>3.3 ---</b>	<b>2.9 --</b>	<b>2.2 ---</b>
Versuchs-Mittel	2.9 ---	2.2 -----	3.2 ---	3.7 --	1.8 --
VK [%]	102.9	100.1	88.4	100.3	139.4
KGD (5%)	2.2	3.7	4.7	6.2	4.2
KGD (1%)	2.9	ns	6.3	8.2	5.6
Versuchs-Streuung	3.0	2.2	2.9	3.8	2.6
FG Fehlerterm	207.0	46.0	46.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2133.8	23	10.55 ***	1.58	0.0000
Anbauorte	172.9	4	4.91 ***	2.42	0.0008
WW Verf.*Anb.Orte	1631.6	92	2.02 ***	1.33	0.0006
Fehler	1820.8	207			
Insgesamt	5759.2	326			

## Charbon [%] / Beulenbrand [%]

Verfahren	9436	
	Balgach / SG	
Palmer	4.0	----
Walterinio KWS	5.8	-----
<b>Figaro</b>	<b>1.7</b>	<b>--</b>
Indexx	0.8	-
LG 30306	0.0	-
<b>ES Metronom</b>	<b>5.6</b>	<b>-----</b>
RGT Karlaxx	0.8	-
P8666	4.4	----
Vitalico KWS	3.6	----
P8888	11.6	-----
Farmirage	1.6	--
Paratico	1.7	--
SA1826	5.5	-----
SA2006	6.5	-----
DFI45906	0.9	-
Erasmus	3.6	----
P9911	1.1	--
XYZ	4.4	----
Shannon	5.5	-----
P9903	0.0	-
Farmagic	0.0	-
Charleen	5.7	-----
P1758	2.8	---
ES Faraday	2.8	---
<b>-Bezugsgrösse(n)</b>	<b>3.6</b>	<b>----</b>
Versuchs-Mittel	3.3	---
VK [%]	100.4	
KGD (5%)	ns	
KGD (1%)	ns	
Versuchs-Streuung	3.4	
FG Fehlerterm	23.0	
Anz. Beob.	2.0	



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

Verfahren	Seriemittel		1260 Nyon		3065 Habstetten	
Palmer	6.1	--	6.4	-	5.8	-----
Walterinio KWS	15.5	-----	20.6	-----	10.4	-----
<b>Figaro</b>	<b>6.3</b>	<b>---</b>	<b>10.2</b>	<b>---</b>	<b>2.4</b>	<b>--</b>
Indexx	9.9	----	14.7	-----	5.0	----
LG 30306	4.2	-	5.1	-	3.3	---
<b>ES Metronom</b>	<b>5.2</b>	<b>--</b>	<b>7.4</b>	<b>--</b>	<b>3.1</b>	<b>---</b>
RGT Karlaxx	7.7	---	9.5	---	5.9	----
P8666	7.7	----	10.8	----	4.6	----
Vitalico KWS	6.8	---	9.7	---	3.9	----
P8888	11.3	-----	13.3	-----	9.2	-----
Farmirage	6.3	---	10.3	---	2.3	--
Paratico	17.8	-----	23.7	-----	11.9	-----
SA1826	5.8	--	8.7	---	2.9	---
SA2006	6.6	---	9.7	---	3.5	---
DFI45906	13.3	-----	17.7	-----	8.9	-----
Erasmus	8.9	----	14.4	-----	3.5	---
P9911	3.5	-	5.9	-	1.2	-
XYZ	8.9	----	13.4	-----	4.5	----
Shannon	9.2	-----	13.9	-----	4.5	----
P9903	6.7	---	12.3	----	1.2	-
Farmagic	8.8	----	14.2	-----	3.5	---
Charleen	13.1	-----	18.9	-----	7.3	-----
P1758	3.8	-	7.3	--	0.4	-
ES Faraday	8.8	----	14.4	-----	3.1	---
<b>-Bezugsgrösse(n)</b>	<b>5.8</b>	<b>--</b>	<b>8.8</b>	<b>---</b>	<b>2.7</b>	<b>---</b>
Versuchs-Mittel	8.4	----	12.2	----	4.7	----
VK [%]	61.6		52.0		77.6	
KGD (5%)	6.0		ns		6.1	
KGD (1%)	7.9		ns		ns	
Versuchs-Streuung	5.2		6.3		3.7	
FG Fehlerterm	91.0		46.0		45.0	
Anz. Beob.	6.0		3.0		3.0	

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1799.6	23	2.90 ***	1.65	0.0005
Anbauorte	2027.2	1	75.16 ***	3.94	0.0000
WW Verf.*Anb.Orte	357.1	23	0.58 ns	1.65	0.9340
Fehler	2454.3	91			
Insgesamt	6638.2	138			

## Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel	1567 Delley FR
Palmer	3.0 ----	3.0 ----
Walterinio KWS	2.7 ----	2.7 ----
<b>Figaro</b>	<b>2.0 ---</b>	<b>2.0 ---</b>
Indexx	3.0 ----	3.0 ----
LG 30306	3.0 ----	3.0 ----
<b>ES Metronom</b>	<b>2.7 ----</b>	<b>2.7 ----</b>
RGT Karlaxx	2.7 ----	2.7 ----
P8666	2.3 ----	2.3 ----
Vitalico KWS	3.0 ----	3.0 ----
P8888	2.3 ----	2.3 ----
Farmirage	3.3 -----	3.3 -----
Paratico	3.7 -----	3.7 -----
SA1826	3.7 -----	3.7 -----
SA2006	3.0 ----	3.0 ----
DFI45906	4.3 -----	4.3 -----
Erasmus	2.3 ----	2.3 ----
P9911	1.7 --	1.7 --
XYZ	5.3 -----	5.3 -----
Shannon	4.0 -----	4.0 -----
P9903	1.7 --	1.7 --
Farmagic	3.3 -----	3.3 -----
Charleen	4.3 -----	4.3 -----
P1758	1.0 -	1.0 -
ES Faraday	1.0 -	1.0 -
<b>-Bezugsgrösse(n)</b>	<b>2.3 ----</b>	<b>2.3 ----</b>
Versuchs-Mittel	2.9 -----	2.9 -----
VK [%]	23.9	23.9
KGD (5%)	1.1	1.1
KGD (1%)	1.5	1.5
Versuchs-Streuung	0.7	0.7
FG Fehlerterm	46.0	46.0
Anz. Beob.	3.0	3.0

Densité [plantes/m<sup>2</sup>] / Bestandesdichte [Pflanzen/m<sup>2</sup>]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
Palmer	8.9 ----	7.9 ----	9.2 -	8.1 ---	9.7 -----
Walterinio KWS	9.0 -----	7.9 ----	9.2 -	8.6 -----	9.4 ----
<b>Figaro</b>	<b>9.3 -----</b>	<b>8.5 -----</b>	<b>9.2 -</b>	<b>8.4 -----</b>	<b>10.0 -----</b>
Indexx	9.0 -----	7.6 ---	9.2 -	8.1 ---	9.8 -----
LG 30306	9.1 -----	7.8 ----	9.2 -	8.2 ---	10.1 -----
<b>ES Metronom</b>	<b>8.9 -----</b>	<b>8.3 -----</b>	<b>9.2 -</b>	<b>8.4 -----</b>	<b>9.5 -----</b>
RGT Karlaxx	9.3 -----	8.2 -----	9.2 -	8.9 -----	9.7 -----
P8666	8.5 -	7.4 --	9.2 -	7.8 -	8.9 -
Vitalico KWS	9.1 -----	8.6 -----	9.2 -	8.6 -----	9.5 -----
P8888	8.9 ----	7.9 ----	9.2 -	8.2 ---	9.1 --
Farmirage	9.4 -----	8.6 -----	9.2 -	8.7 -----	10.2 -----
Paratico	9.0 -----	8.2 -----	9.2 -	8.5 -----	9.2 ---
SA1826	9.1 -----	8.4 -----	9.2 -	8.4 -----	9.5 -----
SA2006	9.4 -----	8.5 -----	9.2 -	8.8 -----	9.8 -----
DFI45906	9.0 ----	8.1 ----	9.2 -	8.1 ---	9.4 ---
Erasmus	8.9 ----	7.9 ----	9.2 -	8.5 -----	9.1 --
P9911	8.9 ----	8.2 -----	9.2 -	8.6 -----	9.5 -----
XYZ	8.9 ----	7.7 ----	9.2 -	8.1 ---	9.2 ---
Shannon	9.2 -----	7.7 ----	9.2 -	8.5 -----	9.6 -----
P9903	8.9 ----	8.1 ----	9.2 -	8.4 -----	9.1 --
Farmagic	8.8 ----	7.2 -	9.2 -	8.4 -----	9.1 --
Charleen	9.1 -----	8.2 -----	9.2 -	8.7 -----	9.4 -----
P1758	8.7 ---	7.8 ----	9.2 -	8.2 ----	8.9 -
ES Faraday	9.1 -----	8.7 -----	9.2 -	8.6 -----	9.5 -----
<b>-Bezugsgrösse(n)</b>	<b>9.1 -----</b>	<b>8.4 -----</b>	<b>9.2 -</b>	<b>8.4 -----</b>	<b>9.7 -----</b>
Versuchs-Mittel	9.0 -----	8.1 -----	9.2 -	8.4 -----	9.5 -----
VK [%]	5.0	7.2	0.0	5.0	5.0
KGD (5%)	0.3	ns	0.0	ns	0.8
KGD (1%)	0.4	ns	0.0	ns	ns
Versuchs-Streuung	0.5	0.6	0.0	0.4	0.5
FG Fehlerterm	252.0	46.0	46.0	45.0	46.0
Anz. Beob.	17.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	17.0	23	3.62 ***	1.57	0.0001
Anbauorte	134.6	5	131.89 ***	2.25	0.0000
WW Verf.*Anb.Orte	27.4	115	1.17 ns	1.29	
Fehler	51.4	252			
Insgesamt	230.5	395			

**Densité [plantes/m<sup>2</sup>] / Bestandesdichte [Pflanzen/m<sup>2</sup>]**

Verfahren	8566		9436	
	Ellighausen TG		Balgach / SG	
Palmer	9.5	-----	9.0	---
Walterinio KWS	9.6	-----	9.4	-----
<b>Figaro</b>	<b>9.6</b>	<b>-----</b>	<b>10.0</b>	<b>-----</b>
Indexx	9.7	-----	9.7	-----
LG 30306	9.8	-----	9.5	-----
<b>ES Metronom</b>	<b>9.2</b>	<b>---</b>	<b>8.9</b>	<b>---</b>
RGT Karlaxx	9.4	-----	10.1	-----
P8666	9.3	----	8.4	-
Vitalico KWS	9.8	-----	9.1	----
P8888	9.5	-----	9.8	-----
Farmirage	9.7	-----	10.0	-----
Paratico	9.6	-----	9.7	-----
SA1826	9.6	-----	9.5	-----
SA2006	9.9	-----	10.3	-----
DFI45906	9.3	---	9.7	-----
Erasmus	9.3	----	9.5	-----
P9911	9.5	-----	8.5	-
XYZ	9.4	-----	9.6	-----
Shannon	9.6	-----	10.6	-----
P9903	9.4	-----	9.4	-----
Farmagic	9.6	-----	9.1	----
Charleen	9.7	-----	9.5	-----
P1758	9.0	-	9.2	----
ES Faraday	9.4	-----	9.2	----
<b>-Bezugsgrösse(n)</b>	<b>9.4</b>	<b>-----</b>	<b>9.4</b>	<b>-----</b>
Versuchs-Mittel	9.5	-----	9.5	-----
VK [%]	4.7		6.3	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	0.4		0.6	
FG Fehlerterm	46.0		23.0	
Anz. Beob.	3.0		2.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
Palmer	623.9 ----	554.5 ----	746.8 ----	557.6 ----	529.1 ----
Walterinio KWS	578.6 ---	520.4 ----	673.9 ---	548.3 ---	474.8 ---
<b>Figaro</b>	<b>563.5 ---</b>	<b>478.7 ---</b>	<b>671.4 ---</b>	<b>535.3 ---</b>	<b>570.0 ----</b>
Indexx	558.3 ---	461.7 --	687.9 ----	551.4 ----	413.8 -
LG 30306	617.8 ----	532.0 ----	684.5 ----	568.1 ----	557.0 ----
<b>ES Metronom</b>	<b>572.3 ---</b>	<b>478.8 ---</b>	<b>676.5 ---</b>	<b>585.1 ----</b>	<b>508.7 ----</b>
RGT Karlaxx	608.7 ----	532.6 ----	778.0 ----	625.6 ----	530.3 ----
P8666	578.6 ---	458.3 --	698.9 ----	558.2 ----	514.0 ----
Vitalico KWS	557.5 ---	479.7 ---	672.0 ---	573.2 ----	469.2 --
P8888	620.8 ----	525.1 ----	778.5 ----	566.9 ----	563.9 ----
Farmirage	552.8 --	510.2 ----	605.9 --	538.1 ---	472.1 ---
Paratico	549.9 --	475.0 ---	668.8 ---	517.3 --	460.0 --
SA1826	592.0 ----	491.7 ---	666.5 ---	498.4 -	551.5 ----
SA2006	590.0 ----	532.9 ----	693.0 ----	517.0 --	492.4 ---
DFI45906	518.1 -	440.0 --	594.0 -	508.5 --	478.0 ---
Erasmus	640.3 ----	492.1 ---	771.2 ----	576.4 ----	538.8 ----
P9911	729.5 ----	591.6 ----	842.8 ----	709.1 ----	675.7 ----
XYZ	499.9 -	413.3 -	573.9 -	483.0 -	453.5 --
Shannon	645.0 ----	537.8 ----	732.3 ----	590.9 ----	642.6 ----
P9903	641.0 ----	548.0 ----	736.0 ----	597.7 ----	568.3 ----
Farmagic	554.1 --	552.4 ----	676.8 ---	570.9 ----	397.2 -
Charleen	522.4 -	473.1 ---	630.8 --	528.2 ---	455.3 --
P1758	797.5 ----	707.9 ----	929.4 ----	673.1 ----	779.5 ----
ES Faraday	624.1 ----	523.2 ----	703.3 ----	569.0 ----	581.9 ----
<b>-Bezugsgrösse(n)</b>	<b>567.9 ---</b>	<b>478.7 ---</b>	<b>673.9 ---</b>	<b>560.2 ----</b>	<b>539.3 ----</b>
Versuchs-Mittel	597.4 ----	513.0 ----	703.9 ----	564.5 ----	528.2 ----
VK [%]	7.7	6.2	5.7	6.2	10.3
KGD (5%)	30.9	52.1	66.0	57.9	89.1
KGD (1%)	40.7	69.5	88.1	77.3	119.0
Versuchs-Streuung	45.7	31.7	40.2	35.2	54.2
FG Fehlerterm	253.0	46.0	46.0	46.0	46.0
Anz. Beob.	17.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1686677.7	23	35.11 ***	1.57	0.0000
Anbauorte	2066063.6	5	197.81 ***	2.25	0.0000
WW Verf.*Anb.Orte	540837.8	115	2.25 ***	1.29	0.0003
Fehler	528512.9	253			
Insgesamt	4822092.0	396			

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

Verfahren	8566		9436	
	Ellighausen TG		Balgach / SG	
Palmer	667.5	-----	688.0	----
Walterinio KWS	577.5	----	676.9	----
<b>Figaro</b>	<b>541.1</b>	---	<b>584.3</b>	-
Indexx	583.7	----	651.1	---
LG 30306	653.8	-----	711.4	-----
<b>ES Metronom</b>	<b>555.1</b>	----	<b>629.6</b>	--
RGT Karlaxx	573.9	----	611.5	--
P8666	551.0	---	691.6	-----
Vitalico KWS	529.2	---	621.6	--
P8888	623.1	-----	667.3	----
Farmirage	543.8	---	647.0	---
Paratico	476.7	--	701.9	-----
SA1826	614.9	-----	729.2	-----
SA2006	599.3	-----	705.5	-----
DFI45906	445.2	-	642.9	---
Erasmus	718.9	-----	744.2	-----
P9911	822.6	-----	734.9	-----
XYZ	497.3	--	578.4	-
Shannon	691.0	-----	675.3	----
P9903	679.8	-----	715.9	-----
Farmagic	505.9	--	621.4	--
Charleen	431.3	-	615.9	--
P1758	846.4	-----	848.7	-----
ES Faraday	658.4	-----	708.7	-----
<b>-Bezugsgrösse(n)</b>	<b>548.1</b>	---	<b>607.0</b>	--
Versuchs-Mittel	599.5	-----	675.1	----
VK [%]	9.9		7.2	
KGD (5%)	97.5		100.2	
KGD (1%)	130.2		136.0	
Versuchs-Streuung	59.3		48.4	
FG Fehlerterm	46.0		23.0	
Anz. Beob.	3.0		2.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
Palmer	235.6 ----	245.9 ----	267.3 -----	181.9 -	211.0 ----
Walterinio KWS	239.6 ----	242.9 ----	251.7 -----	204.6 -----	215.2 ----
<b>Figaro</b>	<b>236.1 ----</b>	<b>226.0 ---</b>	<b>245.8 ----</b>	<b>208.5 -----</b>	<b>249.0 -----</b>
Indexx	225.1 ---	221.9 --	238.9 ----	200.4 ----	188.9 -
LG 30306	243.0 -----	256.1 -----	246.1 ----	206.3 -----	230.8 -----
<b>ES Metronom</b>	<b>238.0 -----</b>	<b>241.1 -----</b>	<b>248.9 -----</b>	<b>224.3 -----</b>	<b>215.2 ----</b>
RGT Karlaxx	243.0 -----	253.7 -----	249.6 ----	219.2 -----	243.7 -----
P8666	248.2 -----	244.6 ----	273.5 -----	210.9 -----	233.2 -----
Vitalico KWS	241.9 -----	236.1 ----	273.2 -----	209.6 -----	211.2 ----
P8888	248.4 -----	248.8 -----	273.5 -----	208.5 -----	241.1 -----
Farmirage	226.8 ---	239.4 ----	221.6 -	195.2 ---	204.3 ---
Paratico	235.8 ----	225.9 ---	253.0 -----	197.3 ----	215.3 ----
SA1826	250.5 -----	238.6 ----	266.0 -----	198.9 ----	238.0 -----
SA2006	243.2 -----	245.3 ----	254.2 ----	199.9 ----	230.7 -----
DFI45906	223.6 ---	228.5 ---	230.7 --	203.3 -----	212.3 ----
Erasmus	242.6 -----	216.3 --	258.0 -----	204.5 -----	209.3 ---
P9911	259.7 -----	264.7 -----	280.3 -----	221.5 -----	238.2 -----
XYZ	211.1 -	207.8 -	222.4 -	197.4 ----	198.1 --
Shannon	243.5 -----	253.5 -----	237.5 ---	204.2 -----	247.6 -----
P9903	245.9 -----	251.2 -----	253.3 -----	220.7 -----	221.1 ----
Farmagic	244.1 -----	263.2 -----	272.8 -----	213.0 -----	203.8 ---
Charleen	229.2 ----	235.0 ----	256.6 -----	200.1 ----	213.8 ----
P1758	270.7 -----	285.9 -----	270.1 -----	206.3 -----	263.5 -----
ES Faraday	250.8 -----	247.5 -----	244.4 ----	223.5 -----	239.6 -----
<b>-Bezugsgrösse(n)</b>	<b>237.1 ----</b>	<b>233.5 ----</b>	<b>247.4 ----</b>	<b>216.4 -----</b>	<b>232.1 ----</b>
Versuchs-Mittel	240.7 -----	242.5 -----	253.7 -----	206.7 -----	223.9 ----
VK [%]	7.4	4.7	6.3	7.0	10.6
KGD (5%)	12.0	18.8	26.2	ns	38.9
KGD (1%)	15.9	25.1	34.9	ns	ns
Versuchs-Streuung	17.8	11.4	15.9	14.4	23.7
FG Fehlerterm	253.0	46.0	46.0	46.0	46.0
Anz. Beob.	17.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	58778.7	23	8.05 ***	1.57	0.0000
Anbauorte	160011.0	5	100.78 ***	2.25	0.0000
WW Verf.*Anb.Orte	58014.3	115	1.59 ns	1.29	
Fehler	80335.8	253			
Insgesamt	357139.8	396			

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

Verfahren	8566		9436	
	Ellighausen TG		Balgach / SG	
Palmer	246.9	-----	260.8	----
Walterinio KWS	253.7	-----	269.3	-----
<b>Figaro</b>	<b>251.6</b>	<b>-----</b>	<b>236.0</b>	<b>-</b>
Indexx	244.4	-----	255.8	----
LG 30306	264.1	-----	254.4	---
<b>ES Metronom</b>	<b>247.1</b>	<b>-----</b>	<b>251.6</b>	<b>---</b>
RGT Karlaxx	246.4	-----	245.4	--
P8666	242.8	-----	284.1	-----
Vitalico KWS	254.3	-----	266.8	-----
P8888	261.6	-----	256.7	----
Farmirage	249.6	-----	250.6	---
Paratico	236.7	----	286.7	-----
SA1826	267.9	-----	293.5	-----
SA2006	255.0	-----	274.4	-----
DFI45906	212.2	-	254.6	---
Erasmus	278.9	-----	288.7	-----
P9911	288.5	-----	265.4	----
XYZ	208.9	-	232.2	-
Shannon	263.6	-----	255.0	---
P9903	262.7	-----	266.6	----
Farmagic	246.5	-----	265.2	-----
Charleen	208.6	-	261.3	----
P1758	285.0	-----	313.4	-----
ES Faraday	263.1	-----	286.6	-----
<b>-Bezugsgrösse(n)</b>	<b>249.3</b>	<b>-----</b>	<b>243.8</b>	<b>--</b>
Versuchs-Mittel	251.7	-----	265.6	----
VK [%]	8.1		7.2	
KGD (5%)	33.3		ns	
KGD (1%)	44.5		ns	
Versuchs-Streuung	20.3		19.2	
FG Fehlerterm	46.0		23.0	
Anz. Beob.	3.0		2.0	



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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
Palmer	38.0 ----	44.6 ----	35.9 -----	32.6 --	39.9 ----
Walterinio KWS	41.8 -----	46.7 ----	37.4 -----	37.4 -----	45.5 -----
<b>Figaro</b>	<b>42.3 -----</b>	<b>47.2 ----</b>	<b>36.6 -----</b>	<b>38.9 -----</b>	<b>43.8 -----</b>
Indexx	41.1 -----	48.2 ----	34.8 ----	36.4 ----	45.7 -----
LG 30306	39.7 ----	48.2 ----	36.0 ----	36.2 ----	41.5 ----
<b>ES Metronom</b>	<b>42.1 -----</b>	<b>50.4 -----</b>	<b>36.8 -----</b>	<b>38.4 -----</b>	<b>42.3 ----</b>
RGT Karlaxx	40.6 -----	47.7 ----	32.1 ---	35.0 ----	45.9 ----
P8666	43.6 -----	53.4 -----	39.2 -----	37.9 -----	45.5 -----
Vitalico KWS	43.9 -----	49.2 ----	40.7 -----	36.9 ----	45.0 ----
P8888	40.5 ----	47.5 ----	35.1 ----	37.0 ----	43.0 ----
Farmirage	41.3 ----	47.0 ----	36.6 ----	36.3 ----	43.3 ----
Paratico	43.7 -----	47.6 ----	37.9 -----	38.3 -----	47.7 -----
SA1826	42.7 -----	48.6 ----	40.0 -----	40.2 -----	43.4 ----
SA2006	41.6 -----	46.1 ----	36.7 ----	38.7 ----	46.8 -----
DFI45906	43.8 -----	52.0 -----	38.8 ----	40.5 -----	44.1 ----
Erasmus	38.2 ----	44.0 ---	33.5 ----	35.5 ----	38.9 ---
P9911	36.0 --	44.9 ----	33.2 ----	31.2 -	35.3 -
XYZ	42.6 -----	50.3 -----	38.8 -----	40.9 -----	43.7 ----
Shannon	38.1 ----	47.1 ----	32.4 ----	34.6 ----	38.5 ---
P9903	38.7 ----	45.9 ----	34.4 ----	36.9 ----	39.0 ----
Farmagic	45.0 -----	47.7 ----	40.3 -----	37.5 ----	51.5 -----
Charleen	44.5 -----	49.7 ----	40.7 -----	37.9 ----	47.8 -----
P1758	34.1 -	40.4 -	29.0 -	30.8 -	33.7 -
ES Faraday	40.5 -----	47.4 ----	34.8 ----	39.3 -----	41.2 ----
<b>-Bezugsgrösse(n)</b>	<b>42.2 -----</b>	<b>48.8 -----</b>	<b>36.7 -----</b>	<b>38.7 -----</b>	<b>43.1 -----</b>
Versuchs-Mittel	41.0 -----	47.6 ----	36.3 -----	36.9 -----	43.0 ----
VK [%]	5.9	4.4	3.1	6.7	7.7
KGD (5%)	1.6	3.5	1.8	4.1	5.4
KGD (1%)	2.2	4.6	2.5	5.4	7.2
Versuchs-Streuung	2.4	2.1	1.1	2.5	3.3
FG Fehlerterm	253.0	46.0	46.0	46.0	46.0
Anz. Beob.	17.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2942.9	23	21.76 ***	1.57	0.0000
Anbauorte	6254.4	5	212.75 ***	2.25	0.0000
WW Verf.*Anb.Orte	1205.8	115	1.78 ***	1.29	0.0009
Fehler	1487.5	253			
Insgesamt	11890.6	396			

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

Verfahren	8566		9436	
	Ellighausen TG		Balgach / SG	
Palmer	36.9	---	37.9	---
Walterinio KWS	43.9	-----	39.9	-----
<b>Figaro</b>	<b>46.7</b>	<b>-----</b>	<b>40.4</b>	<b>-----</b>
Indexx	42.1	-----	39.3	-----
LG 30306	40.4	-----	36.0	-
<b>ES Metronom</b>	<b>44.8</b>	<b>-----</b>	<b>40.0</b>	<b>-----</b>
RGT Karlaxx	42.9	-----	40.2	-----
P8666	44.3	-----	41.1	-----
Vitalico KWS	48.5	-----	42.9	-----
P8888	42.0	-----	38.4	---
Farmirage	46.0	-----	38.7	-----
Paratico	49.8	-----	40.8	-----
SA1826	43.6	-----	40.3	-----
SA2006	42.5	-----	38.9	-----
DFI45906	47.9	-----	39.6	-----
Erasmus	38.8	---	38.9	-----
P9911	35.1	-	36.1	-
XYZ	42.0	-----	40.1	-----
Shannon	38.2	---	37.7	---
P9903	38.7	---	37.3	--
Farmagic	50.2	-----	42.8	-----
Charleen	48.6	-----	42.4	-----
P1758	33.7	-	36.8	--
ES Faraday	40.1	---	40.5	-----
<b>-Bezugsgrösse(n)</b>	<b>45.7</b>	<b>-----</b>	<b>40.2</b>	<b>-----</b>
Versuchs-Mittel	42.8	-----	39.5	-----
VK [%]	6.7		4.0	
KGD (5%)	4.7		3.3	
KGD (1%)	6.3		4.4	
Versuchs-Streuung	2.9		1.6	
FG Fehlerterm	46.0		23.0	
Anz. Beob.	3.0		2.0	

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	161.9 ----	193.8 -----	125.1 -	139.2 ---	170.7 ----
Walterinio KWS	167.2 -----	187.1 -----	145.5 -----	141.7 ----	167.9 ----
<b>Figaro</b>	<b>167.0 -----</b>	<b>180.5 ----</b>	<b>150.1 -----</b>	<b>163.6 -----</b>	<b>174.7 -----</b>
Indexx	155.1 --	171.6 ---	140.2 ----	121.0 -	165.1 ----
LG 30306	165.5 -----	177.8 ----	136.6 ----	149.5 -----	183.2 -----
<b>ES Metronom</b>	<b>163.0 ----</b>	<b>176.4 ----</b>	<b>156.7 -----</b>	<b>141.3 ----</b>	<b>168.4 ----</b>
RGT Karlaxx	168.4 -----	182.7 ----	156.5 -----	161.8 -----	170.8 ----
P8666	174.2 -----	194.5 -----	152.6 -----	154.7 -----	168.3 ----
Vitalico KWS	168.7 -----	204.5 -----	143.8 ----	135.2 ---	175.7 ----
P8888	173.3 -----	196.5 -----	141.4 ----	162.2 -----	183.8 ----
Farmirage	157.7 ---	164.1 -	135.8 ----	139.3 ---	176.4 ----
Paratico	163.0 ----	182.6 ----	134.1 ---	141.5 ----	158.3 ----
SA1826	173.9 -----	192.6 -----	134.5 ---	157.0 -----	182.0 -----
SA2006	165.9 -----	176.9 ----	138.3 ----	154.8 -----	171.5 ----
DFI45906	155.3 --	170.5 ---	138.4 ----	146.5 ----	144.7 -
Erasmus	176.2 -----	189.9 -----	145.5 -----	144.4 ----	193.9 -----
P9911	181.7 -----	204.1 -----	147.1 -----	161.6 -----	201.6 -----
XYZ	147.6 -	162.4 -	137.5 ----	134.2 ---	143.2 -
Shannon	173.1 -----	171.6 ---	140.6 ----	178.5 -----	190.7 -----
P9903	174.7 -----	189.5 -----	157.9 -----	153.1 ----	181.9 ----
Farmagic	164.0 ----	195.9 -----	146.0 ----	125.0 -	166.8 ----
Charleen	159.8 ---	190.4 -----	141.2 ----	141.6 ----	139.5 -
P1758	189.9 -----	198.7 -----	144.3 ----	185.4 -----	203.8 -----
ES Faraday	177.1 -----	175.2 ----	156.4 -----	162.2 -----	185.0 -----
<b>-Bezugsgrösse(n)</b>	<b>165.0 -----</b>	<b>178.5 ----</b>	<b>153.4 -----</b>	<b>152.5 -----</b>	<b>171.5 -----</b>
Versuchs-Mittel	167.7 -----	184.6 -----	143.6 -----	149.8 ----	173.7 -----
VK [%]	8.6	6.3	8.3	11.2	9.1
KGD (5%)	10.7	19.2	ns	27.6	25.8
KGD (1%)	14.1	25.7	ns	36.9	34.5
Versuchs-Streuung	14.4	11.7	11.9	16.8	15.7
FG Fehlerterm	207.0	46.0	46.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0
Varianz-Analyse					
	<b>S.Q.</b>	<b>FG</b>	<b>F-Wert</b>	<b>F(95%)</b>	<b>P0</b>
Verfahren	28304.5	23	5.96 ***	1.58	0.0000
Anbauorte	106434.9	4	128.91 ***	2.42	0.0000
WW Verf.*Anb.Orte	31021.3	92	1.63 ns	1.33	
Fehler	42728.5	207			
Insgesamt	208489.3	326			

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

Verfahren	9436 Balgach / SG	1260 * Nyon
Palmer	180.8 ----	172.0
Walterinio KWS	193.8 -----	178.0
<b>Figaro</b>	<b>166.1 --</b>	<b>162.7</b>
Indexx	177.4 ----	158.5
LG 30306	180.2 ----	179.1
<b>ES Metronom</b>	<b>172.5 ---</b>	<b>171.8</b>
RGT Karlaxx	170.0 --	188.6
P8666	200.7 -----	172.6
Vitalico KWS	184.4 ----	169.1
P8888	182.5 ----	180.4
Farmirage	172.9 ---	173.5
Paratico	198.8 -----	159.5
SA1826	203.4 -----	171.4
SA2006	188.1 ----	173.8
DFI45906	176.3 ---	164.0
Erasmus	207.1 -----	152.6
P9911	194.3 -----	192.5
XYZ	160.6 -	147.2
Shannon	184.0 ----	186.6
P9903	190.8 -----	184.6
Farmagic	186.1 ----	186.1
Charleen	186.3 ----	165.4
P1758	217.5 -----	210.7
ES Faraday	206.7 -----	176.8
<b>-Bezugsgrösse(n)</b>	<b>169.3 --</b>	<b>170.4</b>
Versuchs-Mittel	186.7 ----	174.1
VK [%]	8.3	6.7
KGD (5%)	ns	19.2
KGD (1%)	ns	25.6
Versuchs-Streuung	15.5	11.7
FG Fehlerterm	23.0	46.0
Anz. Beob.	2.0	3.0

\* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les misent en valuer

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	76.6 ----	105.4 -----	54.8 -	67.4 -----	78.4 -----
Walterinio KWS	78.8 -----	103.2 -----	66.6 ----	53.6 ----	70.0 ----
<b>Figaro</b>	<b>72.4 ---</b>	<b>87.3 --</b>	<b>69.7 -----</b>	<b>59.9 ----</b>	<b>72.8 -----</b>
Indexx	70.7 --	88.8 --	68.9 -----	48.4 ---	72.6 -----
LG 30306	79.8 -----	97.8 ----	60.2 ---	64.4 -----	88.7 -----
<b>ES Metronom</b>	<b>74.2 ---</b>	<b>90.3 ---</b>	<b>70.1 -----</b>	<b>54.5 ---</b>	<b>77.2 -----</b>
RGT Karlaxx	72.7 ---	86.3 -	68.2 ----	64.4 -----	70.0 ----
P8666	78.9 -----	97.0 ----	76.3 -----	62.1 -----	72.4 ----
Vitalico KWS	74.0 ---	114.1 -----	59.8 ---	42.5 --	79.5 -----
P8888	77.1 -----	94.9 ----	56.4 -	66.9 -----	83.2 -----
Farmirage	77.0 ----	93.7 ----	66.1 ----	55.6 ----	90.8 -----
Paratico	67.8 -	92.5 ---	55.9 -	39.2 --	70.3 ----
SA1826	76.9 ----	103.4 -----	57.1 --	55.7 ----	82.9 -----
SA2006	72.4 ---	86.1 -	64.0 ----	59.8 ----	70.0 ----
DFI45906	76.0 ----	98.1 ----	66.4 ----	62.2 ----	68.5 ---
Erasmus	81.6 -----	97.0 ----	65.7 ----	65.6 ----	84.2 -----
P9911	87.2 -----	108.7 -----	59.6 --	73.6 -----	91.5 -----
XYZ	68.6 -	91.0 ---	64.8 ----	51.8 ----	63.6 --
Shannon	81.9 -----	84.6 -	54.6 -	89.8 -----	89.9 -----
P9903	91.6 -----	112.8 -----	84.1 -----	73.0 -----	89.4 -----
Farmagic	76.8 ----	109.1 -----	71.3 ----	32.8 -	83.5 -----
Charleen	74.1 ---	105.7 -----	63.4 ----	53.1 ----	60.1 -
P1758	83.3 -----	95.2 ----	54.0 -	82.0 -----	90.1 -----
ES Faraday	87.0 -----	93.8 ----	77.1 -----	68.6 -----	88.1 -----
<b>-Bezugsgrösse(n)</b>	<b>73.3 ---</b>	<b>88.8 --</b>	<b>69.9 -----</b>	<b>57.2 ----</b>	<b>75.0 -----</b>
Versuchs-Mittel	77.4 -----	97.4 ----	64.8 ----	60.3 ----	78.6 -----
VK [%]	14.0	8.9	17.9	17.2	15.8
KGD (5%)	8.1	14.2	ns	17.1	ns
KGD (1%)	10.6	18.9	ns	22.8	ns
Versuchs-Streuung	10.8	8.6	11.6	10.4	12.4
FG Fehlerterm	207.0	46.0	46.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	11152.4	23	4.14 ***	1.58	0.0000
Anbauorte	62055.2	4	132.35 ***	2.42	0.0000
WW Verf.*Anb.Orte	20583.4	92	1.91 ***	1.33	0.0007
Fehler	24265.0	207			
Insgesamt	118056.0	326			

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

Verfahren	9436		1260 *
	Balgach / SG		Nyon
Palmer	77.2	--	86.6
Walterinio KWS	100.6	-----	94.0
<b>Figaro</b>	<b>72.4</b>	<b>-</b>	<b>81.8</b>
Indexx	74.7	-	83.6
LG 30306	88.1	----	90.9
<b>ES Metronom</b>	<b>79.0</b>	<b>---</b>	<b>85.9</b>
RGT Karlaxx	74.5	-	99.6
P8666	86.9	----	81.2
Vitalico KWS	74.1	-	81.9
P8888	84.2	----	88.1
Farmirage	78.7	---	93.6
Paratico	81.1	---	76.9
SA1826	85.2	----	86.7
SA2006	81.9	---	81.4
DFI45906	85.0	----	89.3
Erasmus	95.6	-----	65.3
P9911	102.7	-----	103.5
XYZ	71.8	-	75.5
Shannon	90.4	-----	100.2
P9903	98.6	-----	106.3
Farmagic	87.2	----	94.6
Charleen	88.1	----	80.5
P1758	95.1	-----	103.0
ES Faraday	107.6	-----	95.4
<b>-Bezugsgrösse(n)</b>	<b>75.7</b>	<b>--</b>	<b>87.1</b>
Versuchs-Mittel	85.9	----	88.6
VK [%]	12.4		12.7
KGD (5%)	ns		18.5
KGD (1%)	ns		24.7
Versuchs-Streuung	10.7		11.3
FG Fehlerterm	23.0		46.0
Anz. Beob.	2.0		3.0

\* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les misent en valuer

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	691.4 ----	725.0 -----	686.0 ----	661.7 -----	691.3 -----
Walterinio KWS	701.0 -----	743.3 -----	725.5 -----	654.7 ----	662.7 -
<b>Figaro</b>	<b>702.1 -----</b>	<b>734.3 -----</b>	<b>720.3 -----</b>	<b>657.7 ----</b>	<b>694.3 -----</b>
Indexx	685.9 ---	719.7 ----	699.0 -----	641.7 ---	675.3 ---
LG 30306	686.9 ---	722.7 ----	661.0 -	647.7 ----	694.0 -----
<b>ES Metronom</b>	<b>686.2 ---</b>	<b>708.3 ---</b>	<b>699.7 -----</b>	<b>656.3 -----</b>	<b>681.0 ----</b>
RGT Karlaxx	699.3 -----	732.3 -----	712.3 -----	666.7 -----	692.0 ----
P8666	699.2 -----	711.7 ----	723.7 -----	661.0 ----	693.0 -----
Vitalico KWS	691.0 ----	749.0 -----	686.7 ----	640.0 ---	688.7 ----
P8888	696.7 -----	718.3 ----	679.0 ---	672.0 -----	702.7 -----
Farmirage	702.1 -----	740.0 -----	695.3 ----	681.0 -----	705.7 -----
Paratico	684.2 --	722.0 ----	679.7 ---	657.3 ----	669.0 --
SA1826	686.3 ---	724.3 ----	675.0 ---	660.0 ----	679.3 ---
SA2006	683.9 --	696.3 -	692.0 ----	671.3 -----	673.3 --
DFI45906	697.0 -----	740.0 -----	680.7 ---	692.0 -----	680.3 ---
Erasmus	709.7 -----	736.3 ----	713.3 -----	687.0 -----	695.0 -----
P9911	699.9 -----	728.7 -----	663.7 -	678.7 -----	699.0 -----
XYZ	696.4 -----	730.3 -----	696.3 -----	677.7 -----	685.7 ----
Shannon	715.2 -----	722.7 ----	688.3 ----	720.3 -----	723.7 -----
P9903	712.9 -----	747.7 -----	715.7 -----	692.7 -----	693.0 -----
Farmagic	678.3 -	718.7 ----	685.3 ----	614.0 -	672.7 --
Charleen	697.5 -----	741.7 -----	706.0 -----	659.3 ----	669.0 --
P1758	710.1 -----	735.0 -----	698.3 ----	705.3 -----	715.3 -----
ES Faraday	703.5 -----	717.3 ----	700.0 -----	675.7 ----	703.3 -----
<b>-Bezugsgrösse(n)</b>	<b>694.2 -----</b>	<b>721.3 -----</b>	<b>710.0 -----</b>	<b>657.0 -----</b>	<b>687.7 -----</b>
Versuchs-Mittel	696.5 -----	727.7 -----	695.1 -----	668.0 -----	689.1 -----
VK [%]	3.1	2.3	3.1	3.9	3.1
KGD (5%)	16.1	27.6	35.0	42.7	ns
KGD (1%)	21.2	ns	ns	57.0	ns
Versuchs-Streuung	21.5	16.8	21.3	26.0	21.3
FG Fehlerterm	206.0	46.0	45.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0

**Varianz-Analyse**

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	31497.4	23	2.95 ***	1.58	0.0003
Anbauorte	126527.9	4	68.12 ***	2.42	0.0000
WW Verf.*Anb.Orte	57689.3	92	1.35 ns	1.33	
Fehler	95650.9	206			
Insgesamt	311365.5	325			

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

Verfahren	9436		1260 *
	Balgach / SG		Nyon
Palmer	693.0	--	699.7
Walterinio KWS	719.0	-----	732.0
<b>Figaro</b>	<b>704.0</b>	----	<b>719.7</b>
Indexx	694.0	---	714.3
LG 30306	709.0	-----	699.7
<b>ES Metronom</b>	<b>685.5</b>	-	<b>712.7</b>
RGT Karlaxx	693.0	--	743.3
P8666	706.5	----	706.0
Vitalico KWS	690.5	--	715.7
P8888	711.5	-----	725.3
Farmirage	688.5	-	725.0
Paratico	693.0	--	706.0
SA1826	693.0	--	719.3
SA2006	686.5	-	708.3
DFI45906	692.0	--	717.7
Erasmus	717.0	-----	705.7
P9911	729.5	-----	727.3
XYZ	692.0	--	708.3
Shannon	721.0	-----	736.7
P9903	715.5	-----	734.3
Farmagic	701.0	----	704.0
Charleen	711.5	-----	702.7
P1758	696.5	---	736.7
ES Faraday	721.0	-----	713.7
<b>-Bezugsgrösse(n)</b>	<b>694.8</b>	---	<b>713.0</b>
Versuchs-Mittel	702.7	----	717.3
VK [%]	3.0		3.1
KGD (5%)	ns		
KGD (1%)	ns		
Versuchs-Streuung	21.1		22.2
FG Fehlerterm	23.0		46.0
Anz. Beob.	2.0		3.0

\* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les misent en valuer



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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	325.1 ----	394.3 -----	297.7 ----	320.7 -----	316.7 ----
Walterinio KWS	328.1 -----	409.7 -----	333.5 -----	248.0 ----	276.3 -
<b>Figaro</b>	<b>305.1 ---</b>	<b>354.3 --</b>	<b>336.3 -----</b>	<b>240.0 ----</b>	<b>289.3 --</b>
Indexx	312.6 ----	373.7 ----	342.7 -----	257.7 ----	296.3 ---
LG 30306	328.8 -----	397.3 -----	286.0 ---	277.7 -----	336.0 -----
<b>ES Metronom</b>	<b>310.9 ----</b>	<b>362.3 ---</b>	<b>313.7 ----</b>	<b>253.0 ----</b>	<b>312.0 -----</b>
RGT Karlaxx	301.0 ---	345.7 -	307.3 ----	265.7 -----	282.7 --
P8666	317.0 ----	355.0 --	363.0 -----	264.0 -----	297.0 ---
Vitalico KWS	299.2 --	419.0 -----	287.0 ---	201.3 --	310.7 -----
P8888	308.5 ---	347.0 -	271.0 --	278.0 -----	319.0 -----
Farmirage	340.8 -----	422.0 -----	337.0 -----	270.7 -----	361.3 -----
Paratico	282.6 -	366.3 ---	283.7 ---	182.3 --	297.7 ---
SA1826	301.9 ---	388.7 ----	286.7 ---	234.7 ----	309.3 ----
SA2006	298.7 --	339.0 -	321.0 -----	259.0 ----	274.7 -
DFI45906	340.0 -----	425.0 -----	327.0 -----	294.7 -----	319.0 -----
Erasmus	328.3 -----	376.3 ----	325.0 -----	308.3 -----	300.7 ----
P9911	333.3 -----	388.0 ----	268.0 -	309.3 -----	317.3 -----
XYZ	322.6 -----	409.3 -----	328.7 -----	261.3 -----	304.7 ----
Shannon	336.8 -----	356.3 --	268.0 -	362.0 -----	341.0 -----
P9903	372.7 -----	443.0 -----	380.0 -----	331.0 -----	340.7 -----
Farmagic	311.4 ----	400.3 ----	334.7 -----	163.7 -	329.7 -----
Charleen	319.3 ----	412.0 -----	315.7 ----	245.7 ----	287.7 --
P1758	308.1 ---	351.7 --	257.3 -	310.3 -----	314.7 ----
ES Faraday	345.2 -----	385.0 ----	345.3 -----	286.3 -----	334.3 -----
<b>-Bezugsgrösse(n)</b>	<b>308.0 ---</b>	<b>358.3 --</b>	<b>325.0 -----</b>	<b>246.5 ----</b>	<b>300.7 ----</b>
Versuchs-Mittel	319.9 -----	384.2 -----	313.2 -----	267.7 -----	311.2 -----
VK [%]	11.4	6.4	15.0	14.0	11.5
KGD (5%)	27.1	40.4	ns	61.5	ns
KGD (1%)	35.7	54.0	ns	82.1	ns
Versuchs-Streuung	36.3	24.6	46.9	37.4	35.7
FG Fehlerterm	206.0	46.0	45.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	121031.0	23	3.99 ***	1.58	0.0001
Anbauorte	469870.6	4	89.03 ***	2.42	0.0000
WW Verf.*Anb.Orte	226895.9	92	1.87 ***	1.33	0.0008
Fehler	271805.6	206			
Insgesamt	1089603.0	325			

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

Verfahren	9436 Balgach / SG	1260 * Nyon
Palmer	296.0 --	352.7
Walterinio KWS	373.0 -----	386.7
<b>Figaro</b>	<b>305.5 ---</b>	<b>360.7</b>
Indexx	292.5 --	376.7
LG 30306	347.0 -----	355.7
<b>ES Metronom</b>	<b>313.5 ----</b>	<b>355.7</b>
RGT Karlaxx	303.5 ---	392.3
P8666	306.0 ---	332.0
Vitalico KWS	278.0 -	346.3
P8888	327.5 ----	354.0
Farmirage	313.0 ----	391.3
Paratico	283.0 -	339.7
SA1826	290.0 --	363.7
SA2006	300.0 ---	332.3
DFI45906	334.5 -----	391.3
Erasmus	331.0 -----	302.3
P9911	384.0 -----	391.3
XYZ	309.0 ----	363.7
Shannon	356.5 -----	396.3
P9903	369.0 -----	422.7
Farmagic	328.5 ----	354.7
Charleen	335.5 -----	341.3
P1758	306.5 ---	359.7
ES Faraday	375.0 -----	384.0
<b>-Bezugsgrösse(n)</b>	<b>309.5 ----</b>	<b>364.7</b>
Versuchs-Mittel	323.3 -----	364.5
VK [%]	9.6	10.1
KGD (5%)	ns	
KGD (1%)	ns	
Versuchs-Streuung	31.0	36.7
FG Fehlerterm	23.0	46.0
Anz. Beob.	2.0	3.0

\* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les misent en valuer

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	174.7 -----	160.0 -----	184.3 -----	181.0 ----	175.0 -----
Walterinio KWS	162.8 ----	138.7 ----	154.0 -	201.7 -----	181.3 -----
<b>Figaro</b>	<b>166.3 -----</b>	<b>149.3 -----</b>	<b>155.0 -</b>	<b>191.0 -----</b>	<b>176.0 -----</b>
Indexx	171.9 -----	154.0 -----	160.7 --	197.0 -----	181.7 -----
LG 30306	175.2 -----	156.0 -----	194.0 -----	195.0 -----	167.0 -----
<b>ES Metronom</b>	<b>167.4 -----</b>	<b>154.0 -----</b>	<b>161.7 --</b>	<b>192.3 -----</b>	<b>167.3 -----</b>
RGT Karlaxx	171.6 -----	152.3 -----	167.3 ---	189.7 ----	178.0 -----
P8666	169.9 -----	161.3 -----	155.3 -	188.0 ----	174.7 -----
Vitalico KWS	172.0 -----	126.0 -	179.3 -----	211.3 -----	170.7 -----
P8888	172.6 -----	162.7 -----	190.0 -----	184.7 ----	166.0 ----
Farmirage	156.8 -	132.0 --	161.7 --	178.7 ----	149.3 -
Paratico	172.0 -----	142.3 ----	176.0 ----	202.3 -----	174.3 -----
SA1826	175.2 -----	148.7 ----	185.7 -----	193.7 -----	174.3 -----
SA2006	175.7 -----	165.0 -----	171.3 ----	192.3 -----	179.0 -----
DFI45906	162.6 ----	133.0 --	172.7 ----	170.3 --	175.7 -----
Erasmus	159.1 --	142.3 ----	159.7 --	171.7 --	168.7 ----
P9911	171.5 -----	157.7 -----	201.0 -----	174.0 --	175.0 -----
XYZ	166.5 -----	142.7 ----	168.7 ----	182.0 ----	173.0 -----
Shannon	160.1 --	152.0 -----	189.0 -----	151.3 -	156.7 ---
P9903	157.5 -	135.3 ---	158.7 --	165.7 --	169.0 -----
Farmagic	173.0 -----	141.7 ----	168.0 ----	230.3 -----	170.7 -----
Charleen	169.5 -----	136.3 ---	171.7 ----	197.0 -----	183.7 -----
P1758	173.6 -----	159.0 -----	194.0 -----	170.3 ---	172.7 -----
ES Faraday	164.5 ----	155.0 -----	169.0 ----	183.3 ----	164.3 ----
<b>-Bezugsgrösse(n)</b>	<b>166.8 -----</b>	<b>151.7 -----</b>	<b>158.3 --</b>	<b>191.7 -----</b>	<b>171.7 -----</b>
Versuchs-Mittel	168.4 -----	148.2 -----	172.9 ----	187.3 ----	171.8 -----
VK [%]	8.4	7.3	9.2	8.3	8.8
KGD (5%)	10.6	17.9	26.3	25.7	ns
KGD (1%)	14.0	23.9	ns	34.3	ns
Versuchs-Streuung	14.2	10.9	16.0	15.6	15.0
FG Fehlerterm	206.0	46.0	45.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	11316.8	23	2.44 ***	1.58	0.0008
Anbauorte	56298.6	4	69.79 ***	2.42	0.0000
WW Verf.*Anb.Orte	34945.0	92	1.88 ***	1.33	0.0008
Fehler	41543.3	206			
Insgesamt	144103.7	325			

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

Verfahren	9436 Balgach / SG	1260 * Nyon
Palmer	173.0 -----	171.7
Walterinio KWS	138.5 -	142.3
<b>Figaro</b>	<b>160.0 -----</b>	<b>154.0</b>
Indexx	166.0 -----	152.0
LG 30306	164.0 -----	168.0
<b>ES Metronom</b>	<b>161.5 -----</b>	<b>152.7</b>
RGT Karlaxx	170.5 -----	145.3
P8666	170.0 -----	172.3
Vitalico KWS	172.5 -----	162.3
P8888	159.5 -----	162.0
Farmirage	162.5 -----	141.7
Paratico	165.0 -----	159.0
SA1826	173.5 -----	159.7
SA2006	171.0 -----	168.3
DFI45906	161.5 -----	154.0
Erasmus	153.0 ----	172.7
P9911	150.0 ----	155.7
XYZ	166.0 -----	161.0
Shannon	151.5 ----	147.0
P9903	159.0 -----	146.3
Farmagic	154.5 -----	165.0
Charleen	159.0 -----	172.0
P1758	172.0 -----	161.0
ES Faraday	151.0 ----	157.3
<b>-Bezugsgrösse(n)</b>	<b>160.8 -----</b>	<b>156.8</b>
Versuchs-Mittel	161.9 -----	158.5
VK [%]	7.0	9.3
KGD (5%)	ns	
KGD (1%)	ns	
Versuchs-Streuung	11.4	14.8
FG Fehlerterm	23.0	46.0
Anz. Beob.	2.0	3.0

\* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les misent en valuer

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	391.6 -----	375.0 -----	417.3 -----	385.0 ---	395.0 -----
Walterinio KWS	349.6 -	323.0 --	347.0 -	364.0 -	393.3 -----
<b>Figaro</b>	<b>374.0 ----</b>	<b>347.7 ----</b>	<b>356.0 --</b>	<b>409.0 ----</b>	<b>397.3 -----</b>
Indexx	377.7 ----	351.0 ----	363.7 ---	397.3 ----	410.3 -----
LG 30306	399.8 -----	373.7 -----	422.0 -----	436.7 -----	381.0 ----
<b>ES Metronom</b>	<b>372.6 ----</b>	<b>355.0 -----</b>	<b>366.0 ---</b>	<b>419.7 -----</b>	<b>365.7 ----</b>
RGT Karlaxx	388.6 -----	361.0 -----	375.7 ----	416.0 ----	400.7 -----
P8666	389.0 -----	384.0 -----	362.7 ---	416.7 ----	394.7 -----
Vitalico KWS	381.3 -----	309.0 -	390.3 -----	444.0 -----	381.7 -----
P8888	388.8 -----	384.0 -----	406.3 -----	413.0 ----	376.3 ----
Farmirage	352.3 -	316.3 --	352.3 --	380.7 ---	344.0 -
Paratico	379.2 -----	336.0 ----	377.3 -----	415.7 ----	385.7 -----
SA1826	388.7 -----	348.3 -----	388.0 -----	425.3 -----	385.7 -----
SA2006	388.4 -----	371.7 -----	372.0 ---	424.0 -----	386.3 -----
DFI45906	366.3 ---	323.7 ---	369.0 ---	382.3 ---	389.7 -----
Erasmus	350.9 -	329.3 ---	345.3 -	364.3 -	371.0 ----
P9911	386.3 -----	369.7 -----	422.7 -----	383.7 ---	395.3 -----
XYZ	372.7 ----	337.0 ----	370.0 ----	387.7 ---	386.0 -----
Shannon	366.8 ----	366.3 -----	410.3 -----	355.7 -	355.7 --
P9903	358.7 --	328.0 ---	350.7 -	369.0 --	373.3 ----
Farmagic	381.3 -----	346.3 -----	363.0 ---	480.7 -----	365.0 ----
Charleen	377.7 -----	331.0 ----	368.7 ----	429.7 -----	392.7 -----
P1758	394.0 -----	383.0 -----	420.3 -----	383.7 ---	382.7 -----
ES Faraday	369.1 ----	361.3 -----	361.3 ---	404.0 ----	362.3 ---
<b>-Bezugsgrösse(n)</b>	<b>373.3 ----</b>	<b>351.3 -----</b>	<b>361.0 ---</b>	<b>414.3 ----</b>	<b>381.5 -----</b>
Versuchs-Mittel	376.9 -----	350.5 -----	378.3 -----	403.7 ----	382.1 -----
VK [%]	7.2	6.8	8.1	7.1	7.0
KGD (5%)	20.2	39.2	50.5	46.9	ns
KGD (1%)	26.6	52.4	ns	62.6	ns
Versuchs-Streuung	27.0	23.9	30.7	28.5	26.8
FG Fehlerterm	206.0	46.0	45.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	63567.1	23	3.78 ***	1.58	0.0001
Anbauorte	100274.0	4	34.28 ***	2.42	0.0000
WW Verf.*Anb.Orte	105437.2	92	1.57 ns	1.33	
Fehler	150628.4	206			
Insgesamt	419906.7	325			

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

Verfahren	9436		1260 *
	Balgach / SG		Nyon
Palmer	385.5	-----	376.3
Walterinio KWS	320.5	-	318.3
<b>Figaro</b>	<b>360.0</b>	-----	<b>350.0</b>
Indexx	366.0	-----	351.0
LG 30306	385.5	-----	391.7
<b>ES Metronom</b>	<b>356.5</b>	-----	<b>342.3</b>
RGT Karlaxx	389.5	-----	325.3
P8666	387.0	-----	396.7
Vitalico KWS	381.5	-----	374.3
P8888	364.5	-----	366.0
Farmirage	368.0	-----	329.7
Paratico	381.5	-----	359.0
SA1826	396.0	-----	356.0
SA2006	388.0	-----	374.3
DFI45906	367.0	-----	344.7
Erasmus	344.5	----	382.3
P9911	360.0	-----	350.0
XYZ	383.0	-----	362.7
Shannon	346.0	----	337.3
P9903	372.5	-----	336.0
Farmagic	351.5	----	375.3
Charleen	366.5	-----	378.0
P1758	400.5	-----	363.0
ES Faraday	356.5	-----	337.0
<b>-Bezugsgrösse(n)</b>	<b>358.3</b>	-----	<b>354.9</b>
Versuchs-Mittel	369.9	-----	357.4
VK [%]	6.1		8.8
KGD (5%)	ns		
KGD (1%)	ns		
Versuchs-Streuung	22.4		31.3
FG Fehlerterm	23.0		46.0
Anz. Beob.	2.0		3.0

\* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les misent en valuer

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	65.6 -----	72.0 -----	65.3 -----	62.7 -----	67.7 -----
Walterinio KWS	64.5 -----	72.0 -----	62.0 ----	62.0 -----	61.7 -----
<b>Figaro</b>	<b>64.1 -----</b>	<b>70.3 -----</b>	<b>63.0 -----</b>	<b>61.0 -----</b>	<b>61.3 -----</b>
Indexx	64.9 -----	73.0 -----	64.7 -----	60.0 ----	64.0 -----
LG 30306	64.4 -----	68.7 -----	60.7 --	58.7 -----	65.5 -----
<b>ES Metronom</b>	<b>65.7 -----</b>	<b>69.0 -----</b>	<b>64.0 -----</b>	<b>63.0 -----</b>	<b>64.3 -----</b>
RGT Karlaxx	60.8 -	65.0 ---	65.0 -----	53.7 --	59.7 ---
P8666	63.9 -----	65.3 ---	66.3 -----	57.7 ----	62.7 -----
Vitalico KWS	60.0 -	63.7 --	63.0 -----	54.7 --	57.3 --
P8888	64.1 -----	68.0 -----	60.0 -	60.3 -----	61.7 -----
Farmirage	61.9 ---	64.0 --	61.3 ---	60.7 -----	61.7 -----
Paratico	60.8 -	65.0 ---	61.3 ---	59.3 -----	55.3 -
SA1826	63.1 ----	65.7 ---	60.7 --	59.7 -----	61.0 ----
SA2006	62.8 ----	66.3 ----	64.0 -----	57.3 ----	59.3 ---
DFI45906	65.8 -----	71.0 -----	64.0 -----	65.0 -----	61.0 ----
Erasmus	69.2 -----	75.0 -----	66.3 -----	66.3 -----	66.0 -----
P9911	66.0 -----	67.0 ----	64.3 -----	66.7 -----	64.3 -----
XYZ	67.3 -----	71.7 -----	66.7 -----	65.0 -----	65.7 -----
Shannon	62.7 ---	64.3 --	61.7 ---	62.0 -----	62.3 -----
P9903	63.4 ----	62.7 -	66.0 -----	63.3 -----	63.3 -----
Farmagic	60.3 -	63.0 -	66.0 -----	51.7 -	55.7 -
Charleen	60.8 -	63.0 -	63.7 -----	55.7 ---	57.0 --
P1758	66.8 -----	66.0 ---	66.7 -----	69.0 -----	70.7 -----
ES Faraday	62.4 ---	62.3 -	63.3 -----	59.3 ----	64.7 -----
<b>-Bezugsgrösse(n)</b>	<b>64.9 -----</b>	<b>69.7 -----</b>	<b>63.5 -----</b>	<b>62.0 -----</b>	<b>62.8 -----</b>
Versuchs-Mittel	63.8 -----	67.3 ----	63.8 -----	60.6 -----	62.2 -----
VK [%]	4.2	3.2	3.8	5.2	4.2
KGD (5%)	2.0	3.5	4.0	5.1	4.3
KGD (1%)	2.7	4.7	ns	6.9	5.8
Versuchs-Streuung	2.7	2.1	2.4	3.1	2.6
FG Fehlerterm	206.0	46.0	45.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1832.5	23	10.92 ***	1.58	0.0000
Anbauorte	1771.8	4	60.71 ***	2.42	0.0000
WW Verf.*Anb.Orte	2110.3	92	3.14 ***	1.33	0.0001
Fehler	1503.0	206			
Insgesamt	7217.6	325			

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

Verfahren	9436		1260 *
	Balgach / SG		Nyon
Palmer	60.5	-	67.3
Walterinio KWS	65.0	----	66.3
<b>Figaro</b>	<b>65.0</b>	<b>----</b>	<b>64.7</b>
Indexx	63.0	---	67.3
LG 30306	68.5	-----	62.3
<b>ES Metronom</b>	<b>68.0</b>	<b>-----</b>	<b>66.7</b>
RGT Karlaxx	60.5	-	65.3
P8666	67.5	-----	62.3
Vitalico KWS	61.5	-	62.0
P8888	70.5	-----	66.0
Farmirage	62.0	--	64.3
Paratico	63.0	---	64.0
SA1826	68.5	-----	66.7
SA2006	67.0	-----	65.7
DFI45906	68.0	-----	66.3
Erasmus	72.5	-----	67.0
P9911	67.5	-----	64.3
XYZ	67.5	-----	67.0
Shannon	63.0	---	59.0
P9903	61.5	-	63.0
Farmagic	65.0	----	65.7
Charleen	64.5	----	62.3
P1758	61.5	-	68.7
ES Faraday	62.5	--	64.0
<b>-Bezugsgrösse(n)</b>	<b>66.5</b>	<b>-----</b>	<b>65.8</b>
Versuchs-Mittel	65.2	----	64.9
VK [%]	5.1		4.9
KGD (5%)	6.9		
KGD (1%)	ns		
Versuchs-Streuung	3.3		3.2
FG Fehlerterm	23.0		46.0
Anz. Beob.	2.0		3.0

\* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les misent en valuer



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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	6.3 ----	6.6 -----	6.2 ----	5.9 ----	6.2 ----
Walterinio KWS	6.4 -----	6.9 -----	6.6 -----	5.9 ----	5.9 -
<b>Figaro</b>	<b>6.4 -----</b>	<b>6.7 -----</b>	<b>6.6 -----</b>	<b>5.9 ----</b>	<b>6.3 -----</b>
Indexx	6.2 ---	6.6 ----	6.3 ----	5.7 ---	6.1 ---
LG 30306	6.2 ---	6.6 ----	5.9 -	5.8 ---	6.3 -----
<b>ES Metronom</b>	<b>6.2 ---</b>	<b>6.5 ---</b>	<b>6.3 -----</b>	<b>5.9 -----</b>	<b>6.2 ----</b>
RGT Karlaxx	6.3 -----	6.7 -----	6.5 -----	6.0 ----	6.3 -----
P8666	6.3 -----	6.5 ---	6.6 -----	5.9 ----	6.3 -----
Vitalico KWS	6.2 ----	6.9 -----	6.2 ----	5.7 ---	6.2 -----
P8888	6.3 -----	6.6 ----	6.1 ----	6.0 -----	6.4 -----
Farmirage	6.4 -----	6.8 -----	6.3 ----	6.1 -----	6.4 -----
Paratico	6.2 --	6.6 ----	6.1 ---	5.9 ----	6.0 -
SA1826	6.2 ---	6.6 ----	6.1 ---	5.9 ----	6.1 ----
SA2006	6.2 --	6.3 -	6.3 ----	6.0 -----	6.1 ---
DFI45906	6.3 -----	6.8 -----	6.1 ---	6.3 -----	6.1 ---
Erasmus	6.4 -----	6.7 -----	6.5 -----	6.2 -----	6.3 -----
P9911	6.4 -----	6.7 -----	6.0 --	6.1 -----	6.4 -----
XYZ	6.3 -----	6.7 -----	6.3 -----	6.1 -----	6.2 -----
Shannon	6.5 -----	6.6 ----	6.2 ----	6.6 -----	6.6 -----
P9903	6.5 -----	6.9 -----	6.5 -----	6.3 -----	6.3 -----
Farmagic	6.1 -	6.5 ----	6.2 ----	5.4 -	6.0 --
Charleen	6.3 -----	6.8 -----	6.4 -----	5.9 ----	6.0 -
P1758	6.5 -----	6.8 -----	6.3 -----	6.4 -----	6.5 -----
ES Faraday	6.4 -----	6.5 ----	6.3 -----	6.1 -----	6.4 -----
<b>-Bezugsgrösse(n)</b>	<b>6.3 -----</b>	<b>6.6 -----</b>	<b>6.5 -----</b>	<b>5.9 -----</b>	<b>6.2 -----</b>
Versuchs-Mittel	6.3 -----	6.7 -----	6.3 -----	6.0 -----	6.2 -----
VK [%]	3.8	2.8	3.7	4.7	3.8
KGD (5%)	0.2	0.3	0.4	0.5	ns
KGD (1%)	0.2	ns	ns	0.6	ns
Versuchs-Streuung	0.2	0.2	0.2	0.3	0.2
FG Fehlerterm	206.0	46.0	45.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	4.0	23	3.08 ***	1.58	0.0002
Anbauorte	15.5	4	68.62 ***	2.42	0.0000
WW Verf.*Anb.Orte	7.0	92	1.34 ns	1.33	
Fehler	11.7	206			
Insgesamt	38.2	325			

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

Verfahren	9436		1260 *
	Balgach / SG		Nyon
Palmer	6.3	---	6.4
Walterinio KWS	6.6	-----	6.7
<b>Figaro</b>	<b>6.4</b>	----	<b>6.6</b>
Indexx	6.3	---	6.5
LG 30306	6.5	-----	6.3
<b>ES Metronom</b>	<b>6.2</b>	-	<b>6.5</b>
RGT Karlaxx	6.3	--	6.8
P8666	6.5	-----	6.4
Vitalico KWS	6.3	--	6.5
P8888	6.5	-----	6.6
Farmirage	6.3	--	6.6
Paratico	6.3	--	6.4
SA1826	6.3	--	6.6
SA2006	6.2	-	6.5
DFI45906	6.3	---	6.5
Erasmus	6.5	-----	6.4
P9911	6.7	-----	6.6
XYZ	6.3	--	6.4
Shannon	6.6	-----	6.8
P9903	6.6	-----	6.7
Farmagic	6.4	----	6.4
Charleen	6.5	-----	6.3
P1758	6.3	---	6.8
ES Faraday	6.6	-----	6.5
<b>-Bezugsgrösse(n)</b>	<b>6.3</b>	---	<b>6.5</b>
Versuchs-Mittel	6.4	----	6.5
VK [%]	3.6		3.8
KGD (5%)	ns		
KGD (1%)	ns		
Versuchs-Streuung	0.2		0.2
FG Fehlerterm	23.0		46.0
Anz. Beob.	2.0		3.0

\* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les misent en valuer

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

Verfahren	Seriemittel	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
Palmer	6.4 ----	6.9 -----	6.3 ----	6.0 ----	6.4 ----
Walterinio KWS	6.5 -----	7.1 -----	6.9 -----	5.9 ----	6.0 -
<b>Figaro</b>	<b>6.5 -----</b>	<b>7.0 -----</b>	<b>6.8 -----</b>	<b>5.9 ----</b>	<b>6.4 -----</b>
Indexx	6.3 ---	6.8 ----	6.5 -----	5.7 ---	6.2 ---
LG 30306	6.3 --	6.8 ----	5.9 -	5.7 ---	6.4 ----
<b>ES Metronom</b>	<b>6.3 ---</b>	<b>6.6 --</b>	<b>6.5 -----</b>	<b>5.9 -----</b>	<b>6.2 ---</b>
RGT Karlaxx	6.5 -----	7.0 -----	6.7 -----	6.0 ----	6.4 ----
P8666	6.5 -----	6.7 ---	6.9 -----	6.0 ----	6.4 -----
Vitalico KWS	6.4 ----	7.2 -----	6.3 ----	5.7 ---	6.4 ----
P8888	6.5 -----	6.8 ----	6.2 ---	6.1 -----	6.5 -----
Farmirage	6.5 -----	7.1 -----	6.4 ----	6.3 -----	6.6 -----
Paratico	6.3 --	6.8 ----	6.2 ---	5.9 ----	6.1 -
SA1826	6.3 ---	6.9 ----	6.1 ---	5.9 ----	6.2 ---
SA2006	6.3 --	6.5 -	6.4 ----	6.1 -----	6.1 --
DFI45906	6.5 -----	7.1 -----	6.2 ---	6.4 -----	6.2 ---
Erasmus	6.7 -----	7.0 -----	6.7 -----	6.3 -----	6.4 ----
P9911	6.5 -----	6.9 -----	6.0 -	6.2 -----	6.5 -----
XYZ	6.5 ----	7.0 -----	6.5 -----	6.2 -----	6.3 ----
Shannon	6.7 -----	6.9 ----	6.4 ----	6.8 -----	6.9 -----
P9903	6.7 -----	7.2 -----	6.7 -----	6.4 -----	6.4 ----
Farmagic	6.2 -	6.8 ----	6.3 ----	5.3 -	6.1 --
Charleen	6.5 -----	7.1 -----	6.6 -----	6.0 ----	6.1 -
P1758	6.7 -----	7.0 -----	6.5 -----	6.6 -----	6.7 -----
ES Faraday	6.6 -----	6.8 ----	6.5 -----	6.2 -----	6.6 -----
<b>-Bezugsgrösse(n)</b>	<b>6.4 -----</b>	<b>6.8 -----</b>	<b>6.6 -----</b>	<b>5.9 -----</b>	<b>6.3 -----</b>
Versuchs-Mittel	6.5 -----	6.9 -----	6.4 -----	6.1 -----	6.4 -----
VK [%]	4.7	3.5	4.7	6.0	4.7
KGD (5%)	0.2	0.4	0.5	0.6	ns
KGD (1%)	0.3	ns	ns	0.8	ns
Versuchs-Streuung	0.3	0.2	0.3	0.4	0.3
FG Fehlerterm	206.0	46.0	45.0	46.0	46.0
Anz. Beob.	14.0	3.0	3.0	3.0	3.0

## Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	6.5	23	3.02 ***	1.58	0.0003
Anbauorte	25.5	4	68.11 ***	2.42	0.0000
WW Verf.*Anb.Orte	11.6	92	1.35 ns	1.33	
Fehler	19.3	206			
Insgesamt	63.0	325			

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

Verfahren	9436		1260 *
	Balgach / SG		Nyon
Palmer	6.4	--	6.5
Walterinio KWS	6.8	-----	7.0
Figaro	6.6	----	6.8
Indexx	6.5	---	6.7
LG 30306	6.7	-----	6.5
<b>ES Metronom</b>	<b>6.3</b>	<b>-</b>	<b>6.6</b>
RGT Karlaxx	6.4	--	7.1
P8666	6.7	-----	6.6
Vitalico KWS	6.4	--	6.7
P8888	6.7	-----	6.9
Farmirage	6.4	--	6.9
Paratico	6.4	--	6.6
SA1826	6.4	--	6.8
SA2006	6.4	-	6.6
DFI45906	6.4	--	6.7
Erasmus	6.8	-----	6.6
P9911	7.0	-----	6.9
XYZ	6.4	--	6.6
Shannon	6.8	-----	7.0
P9903	6.8	-----	7.0
Farmagic	6.6	----	6.6
Charleen	6.7	-----	6.5
P1758	6.5	---	7.0
ES Faraday	6.8	-----	6.7
<b>-Bezugsgrösse(n)</b>	<b>6.5</b>	<b>---</b>	<b>6.7</b>
Versuchs-Mittel	6.6	----	6.7
VK [%]	4.8		4.7
KGD (5%)	ns		
KGD (1%)	ns		
Versuchs-Streuung	0.3		0.3
FG Fehlerterm	23.0		46.0
Anz. Beob.	2.0		3.0

\* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les misent en valuer





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