

Pflanzen

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Résultats des essais variétaux de maïs grain 2018

Resultate der Hauptversuche Körnermais 2018

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Legende / Légende

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

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1 Merkmale / Critères

Rendement / Ertrag

- Rendement en grain avec 14% H₂O en dt/ha
- Körnerertrag in dt/ha, standardisiert auf 14% Wassergehalt

Précocité / Frühreife

- Humidité du grain à la récolte (en %)
- Kornfeuchte zum Erntezeitpunkt (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 / Wurzellagerung während der Vegetation

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

Verse à la récolte / Wurzellagerung zum Zeitpunkt der Ernte

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

Plantes cassées à la récolte / Stängelbruch bei Ernte

- pourcentage de plantes cassées (en %)
- Anteil gebrochener Pflanzen (in %)

Aptitude au battage / Druscheignung

- Note d'aptitude au battage
- Note für Druscheignung

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 des plantes (cm)
- Pflanzenhöhe (cm)

Hauteur relative de l'épi / Relative Ansatzhöhe des Hauptkolbens

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

Floraison / Blühbeginn

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

Pyrale / Maiszünsler

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

Densité / Bestandesdichte

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

2 Indexberechnung für Körnermais / Calcul de l'indice pour le maïs grain

- 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 Standard-sorten (= Basiswert). Zusätzlich zur nachfolgend beschriebenen Gewichtung der Teilindizes werden diese entsprechend der gemachten Anzahl Beobachtungen (Anzahl Versuchsorte) gewichtet.

Rendement / Ertrag :

Rendement en grain relatif de la variété testée moins la valeur de base; facteur de pondération 1,0

Relativer Körnerertrag der zu beurteilenden Sorte abzüglich 100; Gewichtungsfaktor 1,0

Précocité / Reife :

Teneur en matière sèche du grain (en %) de la variété testée moins la valeur de base; facteur de pondération 2,5

Trockensubstanzgehalt der Körner (in %) der zu beurteilenden Sorte abzüglich Basiswert; Gewichtungsfaktor 2,5

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.

Fusariose / Stängelfäule

Valeur de base moins le pourcentage de plantes attaquées 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	26.04.18	26.09.18
1567	Corcelles / Delley	514	11.05.18	16.10.18
1725	Grangeneuve	650	11.05.18	17.10.18 *
3065	Habstetten	620	08.05.18	18.10.18
8046	Reckenholz	440	20.04.18	17.09.18
8194	Hüntwangen	384	27.04.18	19.09.18
8566	Ellighausen	503	24.04.18	25.09.18

* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les mises en valeur.

3.1.2 Sorten / Status

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
LG 30222	LZM 158/51	SC	Limagrain	Fenaco, Moudon	KM01/S	SM01/T
ES Eurojet	ESZ1101	SC	Euralis	Euralis	KM01/S	
KWS Stabil	KXB2101	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/S	
LG 31211	LZM163/74	SC	Limagrain / Europe	Fenaco, Moudon	KM01/S	SM01/S
P8521	X80A430	SC	Pioneer	Pioneer, Manno	KM01/S	
ES Crossman	ESZ2105	SC	Euralis, F	Euralis	KM01/S	
ES Hubble	ESZ5102	SC	Euralis, F	Euralis	KM01/e2	
Amavit	KXB6126	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e2	SM01/e1
P7515	X80H141	SC	Pioneer	Pioneer, Manno	KM01/e1	
LZM 166/73	LZM 166/73	SC	Limagrain, F	Fenaco, Moudon	KM01/e1	SM01/e1
Kaprilias	KXB5305	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/T
KWS Stefano	KXB6125	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e2
KXB7016	KXB7016	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	
KXB7127	KXB7127	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e1
KXB7313	KXB7313	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM01/e1	SM01/e1
Del4	Del4		DSP, CH	DSP, CH	KM01/1.	

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

Technische Versuchsausgaben / données techniques / technical information									
Standort / lieu / site:	1260 Nyon (430 m ü.M.)	Corcelles (441 m ü.M.)	Grangeneuve (650 m ü.M.)	Habstetten (620 m ü.M.)	Zürich- Affoltern (440 m ü.M.)	Hüntwangen (384 m ü.M.)	Eilighausen (583 m ü.M.)		
Bodenart / type de sol / soil type:	limono sableux	Lourd	moyen	sandiger Lehm	Parabraunerde	leicht, schwach 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 des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):	316 mm + irrigations : 10.07.;16.07.; 24.07.; apport total : 90 mm 2020 °C	327.8 mm (selon AgroMeteo, station Delley) 2006,9°C (selon AgroMeteo, station Delley, seuil 6°C)	-	247 mm (ev. nicht ganz vollständig) 1982 °C	391 mm 1916 °C	283 mm (Meteostation Wll) 1954 °C (Meteostation Wll)	334 mm 1807 °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 parcellle / plot size:	4reihig, mit 0.8m Weg (22.4m2 brutto), 10m2 netto	Semé: 17 m2 per single plot (brut, avec chemin), 14,4 m2 net, 4 rangs Récolté: 8.5 m2 per single plot (brut, avec chemin), 7.2 m2 net, 2 rangs au milieu	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	4reihig, mit 0.8m Weg (22.4m2 brutto), 10 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto	15 m2 pro Plot brutto (4reihig, mit 0.8m Weg), 6.3 m2 netto		
Vorfrucht / précédent cultural / previous crop:	blé printemps	Seigle	prairie temporaire	blé d'hiver	Zuckerrüben / bettrave à sucre / sugar beets	Winterweizen / blé d'hiver / winter wheat + Zwischenbegrünung	Raps - Zwischenfutter (Wick-Hafer-Erbsengemenge)		
Bodenbearbeitung / travail du sol / soil cultivation:	23.04. labour 24.04. hersage	23.04.2018: Labour 11.05.2018: 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	Pflug (6.3.18), Federzahnlegge (18.4.18) / charrue, herse / plough, harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug (Hebst) und Kreiselegge / charrue (automne) et herse rotative / plough (fall) and rotary harrow		
Saat / date de semis / sowing date:	26.04.2018	11.05.2018 (jour 131)	11.05.2018 (jour 131)	08.05.2018	20.04.2018	27.04.2018	24.04.2018		
Ernte / date de récolte / harvest date:	25.09.2018	15.10.2018 (jour 288)	16.10.2018 (jour 289)	17.10.2018	17.09.2018	19.09.2018	25.09.2018		

Technische Versuchsangaben / données techniques / technical information									
Standort / lieu / site:	1260 Nyon (430 m ü.M.)	Corcelles (441 m ü.M.)	Grangeneuve (650 m ü.M.)	Habstetten (620 m ü.M.)	Zürich-Afoltern (440 m ü.M.)	Hüntwangen (384 m ü.M.)	Ellighausen (503 m ü.M.)		
Saatdichte / densité de semis / sowing density:	10.0 Körner / grains pro m2	Semis: 10.5 grains pro m2 Eclaircit 10 pl/m2	10.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2	11.0 Körner / grains pro m2		
Vegetationsdauer / durée de végétation / growing period	152 Jours/Tag/days	157 Jours/Tag/days	158 Tage / jours / days	162 Tage / jours / days	150 Tage / jours / days	145 Tage / jours / days	154 Tage / jours / days		
Reihenabstand / interlignes / row distance :	75 cm	80 cm	75 cm	75 cm	75 cm	75cm	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 Banvel 4S 0.5 l/ha Elumis 1,3 l/ha (04.06.2018)	21.05.2018: Laudis (2 L/ha) + Aspect (1.5 L/ha)	1.6.18: 1.5 l/ha Equip Power	Elumis 1.3 l/ha + Banvel 4S 0.4l/ha (17.06.18)	24.5.: Aspect 2.0l/ha, Laudis 2.0l/ha, Banvel IM 0.5l/ha	Aspect 1.5l Laudis 2.0l Banvel 4S 0.4l	15.5.: Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha		
Grunddüngung / fumure de base / basic fertilisation:	Fumier bovins 35 m3/ha 132 N, 85 P2O5, 178 K2O; 21 MgO (10.04.) Super triple 46 % 244 kg/ha 112 P2O5	20.03.2018: Purin 20 m3/ha (35 N/ha, 40 P2O5/ha, 47 K2O/ha)	-	-	11.4. Triple Superphosphat 46% 92 kg P2O5/ha; 12.4. Kall 60% 180 kg K2O/ha	DAP 46 kg P2O5/ha (26.4.); UFA Alpha (Zwischenbegrünung)	nach Raps 20 t/ha Stapelmist (Herbst 2017)		
N-Düngung / fumure N / N fertilisation:	nitrate ammoniacale 27.5 % 177 kg/ha 48 N 4 MgO (9.05.) Urée perlée 46 % 117 kg/ha 54 N (11.06.)	11.05.2018: Urée (46.0.0) 800 kg/ha	175 kg/ha Nitrate sulfo-magnésien (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)	Harnstoff 46%, 82.8 kg N/ha (11.5.), Harnstoff 46 % 32.2 kg N/ha (11.5.)	DAP 18 kg N/ha (26.4.); Harnstoff 46% 70kg N/ha (26.4.) Harnstoff 46% 70kg N/ha (4.6.)	5.5.: Ammonsalpeter (55 kg N/ha); 5.6. Harnstoff (70 kg N/ha)		
Ernte / Récolte / harvest:	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting	Moissonneuse-batteuse Haldrup C65	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting	Wintersteiger Delta Mährescher / moissonneuse-batteuse / direct combine harvesting				

3.1.4 Index / Indice

Sorte	Status	Ertrag	Reife	Jugend-		Wurzellager.		Stängel-		Beulen-		Stängel-	Gesamt-
				entwicklung	Vegetation	Ernte	bruch	brand	fäule	index			
P7515	e1	0.86	3.11	0.05	-0.36	-2.57	1.59	-0.06	-0.33			2.30	
ES Crossman	S	5.06	-4.19	0.06	-0.17	0.62	-0.88	0.02	1.50			2.01	
P8521	S	-5.06	4.19	-0.06	0.17	-0.62	0.88	-0.02	-1.50			-2.01	
ES Hubble	e2	-4.79	-6.49	0.76	-0.41	-0.78	3.68	0.05	3.72			-4.25	
LZM 166/73	e1	-0.52	-3.96	0.18	-1.35	-1.60	0.75	-0.03	0.38			-6.15	
LG 31211	S	-4.10	-2.28	0.50	-0.86	-2.54	0.36	0.03	0.58			-8.31	
KWS Stabil	S	-4.53	2.99	0.50	-0.52	-3.48	-4.13	0.08	-1.37			-10.46	
LG 30222	S	-6.29	-1.47	0.35	-0.36	-0.15	-2.11	0.03	-0.47			-10.47	
Amavit	e2	-0.23	-1.77	0.34	0.15	-3.36	-6.17	0.05	-0.86			-11.85	
KXB7127	e1	-4.55	0.88	0.38	-0.35	-3.13	-6.10	0.00	-0.97			-13.84	
KXB7016	e1	-8.59	1.13	0.19	-1.06	0.28	-4.72	-0.01	-1.39			-14.17	
ES Eurojet	S	-8.32	-2.58	0.87	-0.53	-4.37	-1.55	-0.11	1.50			-15.08	
DeI4	1.	-8.74	-1.61	0.66	-0.80	-0.52	-2.96	0.00	-2.30			-16.27	
Kaprilias	e1	-4.82	-3.12	0.43	-0.71	-1.11	-5.79	0.00	-2.56			-17.69	
KXB7313	e1	-0.02	-4.16	0.52	-1.92	-2.50	-8.73	-0.03	-1.88			-18.73	
KWS Stefano	e1	-7.72	-4.24	0.04	-1.98	-1.73	-8.70	0.08	-2.15			-26.40	
Bezugsgrößen		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Anzahl Beob.		19	19	19	7	3	13	3	13				
Anzahl Orte		6	6	6	2	1	4	1	4				
Gewichtung		1	2.5	0.5	0.25	0.75	0.75	0.25	0.25				

3.1.5 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- entwick- lung Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Wurzel- lager. Veg. Note	Wurzel- lager. Veg. %	Wurzel- lager. Ernte Note	Wurzel- lager. Ernte %
LG 30222	3.9	72.1	72.0	246.5	110.5	47.2	2.0	12.5	1.5	5.9
ES Eurojet	2.8	72.2	72.3	288.9	144.0	52.1	2.2	14.6	4.2	39.7
KWS Stabil	3.6	73.5	73.2	286.1	138.5	50.0	2.2	14.5	3.6	32.5
LG 31211	3.6	71.1	70.7	262.8	112.0	44.1	2.5	18.5	3.0	25.0
P8521	4.7	71.8	71.6	243.2	110.9	47.3	1.5	6.1	1.8	9.7
ES Crossman	4.5	73.2	73.3	282.6	128.2	47.0	1.8	10.3	1.0	-0.3
ES Hubble	3.1	72.5	72.9	279.2	130.8	48.7	2.0	13.1	1.9	10.9
Amavit	3.9	72.0	72.8	273.1	127.1	49.2	1.5	6.3	3.5	31.6
P7515	4.5	74.3	73.2	262.7	128.8	49.8	2.0	12.5	3.0	25.3
LZM 166/73	4.2	70.8	70.7	267.3	114.9	44.8	3.0	24.4	2.4	17.5
Kaprilias	3.7	72.1	72.2	252.8	116.8	48.0	2.3	16.7	2.1	13.6
KWS Stefano	4.5	72.1	72.7	269.2	118.0	46.8	3.6	31.9	2.5	18.6
KXB7016	4.2	71.8	72.4	236.9	117.9	51.1	2.7	20.9	1.2	2.5
KXB7127	3.8	73.9	73.2	280.6	137.7	50.5	2.0	12.4	3.4	29.7
KXB7313	3.5	71.4	71.5	259.2	119.8	48.4	3.5	31.2	3.0	24.7
Del4	3.3	72.0	71.8	257.9	121.3	48.5	2.4	17.7	1.7	8.9
Bezugsgrösse(n)	4.6	72.5	72.4	262.9	119.5	47.2	1.7	8.2	1.4	4.7
Versuchs-Mittel	3.9	72.3	72.3	265.6	123.6	48.3	2.3	16.5	2.5	18.5
VK [%]	14.6	1.0	1.1	3.6	6.5	6.4	56.1	98.6	47.3	79.3
KGD (5%)	0.4	0.5	0.6	8.5	7.1	2.4				
KGD (1%)	0.5	0.7	0.8	11.3	9.4	3.2				
Versuchs-Streuung	0.6	0.7	0.8	9.6	8.0	3.1	1.3	16.3	1.2	14.7
FG Fehlerterm	177.0	132.0	150.0	87.0	96.0	108.0	66.0	66.0	21.0	21.0
Anz. Beob.	19.0	14.0	14.0	10.0	10.0	13.0	7.0	7.0	3.0	3.0
Anz. Orte	6.0	4.0	4.0	3.0	3.0	4.0	2.0	2.0	1.0	1.0
Minimum	2.8	70.8	70.7	236.9	110.5	44.1	1.5	6.1	1.0	-0.3
Maximum	4.7	74.3	73.3	288.9	144.0	52.1	3.6	31.9	4.2	39.7

Sorten Bezeichnung	gebr. Pflanzen Veg. Note	Stängel- bruch Veg. %	Stängel- bruch Ernte Note	Stängel- bruch Ernte %	Stängel- fäule Note	Stängel- fäule %	Helmin- thosp. 1. Bon. Note	Beulen- brand %
LG 30222	1.7	8.3	2.8	22.0	5.2	39.2	2.6	1.1
ES Eurojet	1.0	0.2	2.7	20.9	3.9	27.3	3.3	4.5
KWS Stabil	1.3	4.2	3.1	26.0	5.8	44.6	3.3	0.0
LG 31211	1.3	4.2	2.4	17.1	4.5	32.8	2.7	1.1
P8521	1.0	0.5	2.3	16.0	5.8	45.3	3.1	2.4
ES Crossman	1.2	2.1	2.6	19.5	3.9	27.4	2.6	1.3
ES Hubble	1.1	1.3	1.8	10.4	2.5	14.0	2.1	0.6
Amavit	1.6	7.3	3.4	30.1	5.4	41.5	2.7	0.6
P7515	1.6	7.0	2.2	14.6	5.1	38.3	3.0	3.2
LZM 166/73	1.1	1.6	2.3	16.3	4.6	34.1	2.6	2.5
Kaprilias	1.6	7.3	3.3	29.4	6.5	51.7	3.0	1.9
KWS Stefano	1.5	6.3	3.8	35.2	6.3	49.2	2.9	0.0
KXB7016	1.4	5.2	3.2	27.2	5.8	44.7	3.6	2.1
KXB7127	1.3	3.9	3.4	30.0	5.5	42.2	2.8	1.9
KXB7313	1.3	4.2	3.8	35.2	6.1	47.6	2.6	2.6
Del4	1.5	6.8	2.9	23.7	6.3	50.2	3.6	1.7
Bezugsgrösse(n)	1.1	1.3	2.4	17.8	4.9	36.3	2.9	1.9
Versuchs-Mittel	1.4	4.4	2.9	23.4	5.2	39.4	2.9	1.7
VK [%]	34.9	134.3	36.7	56.4	19.1	30.2	24.5	275.6
KGD (5%)	0.4	5.2	0.8	10.2	0.9	9.3		
KGD (1%)			1.1	13.5	1.2	12.2		
Versuchs-Streuung	0.5	5.9	1.1	13.2	1.0	11.9	0.7	4.7
FG Fehlerterm	105.0	105.0	135.0	135.0	105.0	114.0	21.0	15.0
Anz. Beob.	10.0	10.0	13.0	13.0	10.0	13.0	3.0	3.0
Anz. Orte	3.0	3.0	4.0	4.0	3.0	4.0	1.0	1.0
Minimum	1.0	0.2	1.8	10.4	2.5	14.0	2.1	0.0
Maximum	1.7	8.3	3.8	35.2	6.5	51.7	3.6	4.5

Sorten Bezeichnung	Mais- zünsler %	allg. Ein- druck Note	Effekt. Best. dichte Pfl./m2	Korn- ertrag 14%H2O dt/ha	Ertrag rel.zu Bezug %	TS- Korn Ernte %	Feuchtig- Ernte- maschine %	Feuchtig- Mess- gerät %	HLG Ernte- maschine kg/hl
LG 30222	1.6	2.0	9.4	125.1	95.8	81.5	18.7	18.4	74.7
ES Eurojet	12.5	2.7	9.4	122.3	92.4	81.0	18.3	17.9	72.0
KWS Stabil	11.9	2.7	9.5	127.4	95.4	83.2	15.2	17.0	72.5
LG 31211	12.7	2.0	9.3	128.0	97.7	81.1	18.2	18.7	71.7
P8521	3.0	1.0	9.0	126.7	94.9	83.7	14.3	15.7	68.9
ES Crossman	3.9	2.3	9.0	140.2	104.5	80.4	20.8	18.2	72.3
ES Hubble	5.9	3.0	9.4	127.1	96.1	79.5	23.6	19.2	71.5
Amavit	8.0	3.3	9.3	133.1	100.4	81.3	17.8	18.0	71.2
P7515	10.7	2.0	9.2	134.6	101.2	83.3	14.3	16.0	68.9
LZM 166/73	3.1	3.0	9.2	132.8	101.8	80.5	20.8	19.4	72.9
Kaprilias	9.0	2.3	9.5	127.0	95.8	80.8	18.9	18.1	71.8
KWS Stefano	8.2	5.0	9.3	123.1	92.8	80.4	19.0	18.4	70.6
KXB7016	4.7	3.0	9.6	122.0	91.6	82.5	17.3	16.6	74.7
KXB7127	1.2	2.0	9.4	127.4	94.9	82.4	17.0	16.7	73.9
KXB7313	10.5	4.7	9.5	133.4	100.3	80.4	19.2	18.6	71.6
Del4	14.5	3.7	9.6	121.8	91.8	81.4	17.9	16.7	71.4
Bezugsgrösse(n)	3.4	1.7	9.0	133.4	99.7	82.1	17.5	17.0	70.6
Versuchs-Mittel	7.6	2.8	9.4	128.2	96.7	81.5	18.2	17.7	71.9
VK [%]	522.4	33.3	3.7	7.7	7.4	0.8	8.0	4.4	1.1
KGD (5%)		1.5	0.2	6.3	4.6	0.4	1.0	1.3	0.5
KGD (1%)		2.1	0.3	8.3	6.1	0.6	1.3	1.8	0.7
Versuchs-Streuung	39.6	0.9	0.3	9.8	7.2	0.7	1.4	0.8	0.8
FG Fehlerterm	15.0	30.0	186.0	168.0	168.0	186.0	164.0	21.0	155.0
Anz. Beob.	3.0	3.0	19.0	19.0	19.0	19.0	16.0	3.0	16.0
Anz. Orte	1.0	1.0	6.0	6.0	6.0	6.0	5.0	1.0	5.0
Minimum	1.2	1.0	9.0	121.8	91.6	79.5	14.3	15.7	68.9
Maximum	14.5	5.0	9.6	140.2	104.5	83.7	23.6	19.4	74.7

3.1.6 Details / Détails

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
LG 30222	3.9 -----	3.7 ---	4.2 ----	4.7 -----	2.8 ----
ES Eurojet	2.8 -	3.2 -	3.8 -	3.3 -	2.1 -
KWS Stabil	3.6 -----	3.7 ---	4.3 -----	4.5 -----	2.9 ----
LG 31211	3.6 -----	4.1 -----	4.0 --	4.3 ----	2.6 ---
P8521	4.7 -----	5.3 -----	4.7 -----	5.6 -----	3.6 -----
ES Crossman	4.5 -----	5.4 -----	4.3 -----	5.4 -----	3.8 -----
ES Hubble	3.1 --	3.5 --	3.8 -	3.9 ---	2.4 --
Amavit	3.9 -----	3.9 ---	4.3 -----	5.0 -----	3.3 -----
P7515	4.5 -----	5.0 -----	4.8 -----	5.8 -----	3.4 -----
LZM 166/73	4.2 -----	5.0 -----	4.2 ----	5.3 -----	3.1 ----
Kaprilias	3.7 ----	4.6 -----	4.3 ----	5.3 -----	3.0 ----
KWS Stefano	4.5 -----	4.9 -----	4.7 -----	5.6 -----	4.3 -----
KXB7016	4.2 -----	4.4 -----	4.7 -----	5.1 -----	3.0 ----
KXB7127	3.8 -----	4.6 -----	4.2 ----	4.9 -----	3.5 -----
KXB7313	3.5 ----	4.3 -----	4.2 ----	4.5 ----	2.5 ---
Del4	3.3 ---	3.7 ---	4.0 --	4.2 ----	2.0 -
-Bezugsgrösse(n)	4.6 -----	5.3 -----	4.5 -----	5.5 -----	3.7 -----
Versuchs-Mittel	3.9 -----	4.3 -----	4.3 ----	4.8 -----	3.0 ----
VK [%]	14.6	11.3	7.8	5.8	17.8
KGD (5%)	0.4	0.8	0.6	0.5	0.8
KGD (1%)	0.5	1.1	ns	0.6	1.0
Versuchs-Streuung	0.6	0.5	0.3	0.3	0.5
FG Fehlerterm	177.0	21.0	30.0	21.0	45.0
Anz. Beob.	19.0	3.0	3.0	3.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	84.5	15	17.82 ***	1.72	0.0000
Anbauorte	134.6	5	85.14 ***	2.27	0.0000
WW Verf.*Anb.Orte	35.6	75	1.50 *	1.36	0.0153
Fehler	56.0	177			
Insgesamt	310.7	272			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	4.3 -----	3.8 -----
ES Eurojet	2.5 --	2.0 -
KWS Stabil	3.5 -----	2.5 ---
LG 31211	3.0 ----	3.5 -----
P8521	4.8 -----	4.3 -----
ES Crossman	4.8 -----	3.3 -----
ES Hubble	2.3 -	2.5 ---
Amavit	3.8 -----	3.1 -----
P7515	4.0 -----	3.9 -----
LZM 166/73	4.3 -----	3.5 -----
Kaprilias	2.3 -	2.9 ----
KWS Stefano	3.5 -----	4.0 -----
KXB7016	4.3 -----	3.9 -----
KXB7127	2.8 ---	3.0 ----
KXB7313	3.5 -----	2.3 --
Del4	3.0 ----	2.6 ---
-Bezugsgrösse(n)	4.8 -----	3.8 -----
Versuchs-Mittel	3.5 -----	3.2 -----
VK [%]	16.8	24.7
KGD (5%)	1.3	1.1
KGD (1%)	1.7	1.5
Versuchs-Streuung	0.6	0.8
FG Fehlerterm	15.0	45.0
Anz. Beob.	2.0	4.0

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
LG 30222	72.1 ----	69.9 -	69.1 -----	76.0 ----	73.5 ----
ES Eurojet	72.2 ----	70.9 ---	68.5 -----	76.0 ----	73.3 ---
KWS Stabil	73.5 -----	71.5 -----	69.7 -----	78.0 -----	75.0 -----
LG 31211	71.1 -	70.1 --	66.2 --	74.8 -	73.3 ---
P8521	71.8 ---	69.6 -	67.5 -----	75.8 ----	74.3 -----
ES Crossman	73.2 -----	72.4 -----	68.5 -----	78.0 -----	74.0 -----
ES Hubble	72.5 ----	70.5 ---	69.1 -----	76.8 ----	73.5 ---
Amavit	72.0 ----	70.3 --	67.7 ----	76.0 ---	73.8 ----
P7515	74.3 -----	74.6 -----	70.0 -----	77.3 -----	75.5 -----
LZM 166/73	70.8 -	69.6 -	65.8 -	75.3 --	72.5 -
Kaprilias	72.1 ----	70.3 --	68.2 ----	76.0 ----	73.8 ----
KWS Stefano	72.1 ----	70.1 --	68.1 ----	76.5 ----	73.5 ----
KXB7016	71.8 ---	70.0 --	68.5 -----	75.8 ----	73.0 --
KXB7127	73.9 -----	73.1 -----	70.0 -----	77.8 -----	74.8 -----
KXB7313	71.4 --	69.5 -	67.9 ----	75.5 ---	72.5 -
Del4	72.0 ----	69.6 -	67.4 ----	76.5 ----	74.5 -----
-Bezugsgrösse(n)	72.5 -----	71.0 ----	68.0 -----	76.9 -----	74.1 -----
Versuchs-Mittel	72.3 -----	70.8 ---	68.3 -----	76.4 -----	73.8 -----
VK [%]	1.0	1.5	1.0	0.9	0.8
KGD (5%)	0.5	1.7	1.1	1.0	0.8
KGD (1%)	0.7	2.4	1.5	1.3	1.1
Versuchs-Streuung	0.7	1.0	0.7	0.7	0.6
FG Fehlerterm	132.0	21.0	21.0	45.0	45.0
Anz. Beob.	14.0	3.0	3.0	4.0	4.0
Varianz-Analyse					
	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	204.1	15	26.52 ***	1.74	0.0000
Anbauorte	2085.7	3	1354.70 ***	2.67	0.0000
WW Verf.*Anb.Orte	67.1	45	2.91 ***	1.46	0.0002
Fehler	67.7	132			
Insgesamt	2424.7	195			

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8566 Ellighausen TG
LG 30222	72.0 -----	69.0 --	68.3 -----	76.3 ----	74.5 -----
ES Eurojet	72.3 -----	70.0 -----	69.0 -----	76.3 ----	74.0 ----
KWS Stabil	73.2 -----	70.0 -----	69.0 -----	78.8 -----	75.0 -----
LG 31211	70.7 -	69.0 --	65.3 -	74.8 -	73.8 ----
P8521	71.6 ----	68.7 -	67.3 -----	76.0 ----	74.5 -----
ES Crossman	73.3 -----	71.0 -----	69.0 -----	78.5 -----	74.5 -----
ES Hubble	72.9 -----	70.7 -----	69.0 -----	77.8 -----	74.0 ----
Amavit	72.8 -----	70.3 -----	69.0 -----	77.5 -----	74.3 ----
P7515	73.2 -----	71.0 -----	69.0 -----	77.3 -----	75.5 -----
LZM 166/73	70.7 -	68.7 -	65.0 -	76.0 ----	73.0 --
Kaprilias	72.2 -----	69.3 ---	67.7 -----	77.3 -----	74.5 -----
KWS Stefano	72.7 -----	70.0 -----	69.0 -----	77.3 -----	74.5 -----
KXB7016	72.4 -----	70.3 -----	69.0 -----	76.5 ----	73.8 ----
KXB7127	73.2 -----	70.0 -----	69.0 -----	78.3 -----	75.5 -----
KXB7313	71.5 ----	69.3 ---	67.0 -----	76.8 -----	72.8 -
Del4	71.8 ----	69.0 --	66.7 ----	76.5 ----	75.0 -----
-Bezugsgrösse(n)	72.4 -----	69.8 -----	68.2 -----	77.3 -----	74.5 -----
Versuchs-Mittel	72.3 -----	69.8 ----	68.0 -----	77.0 -----	74.3 ----
VK [%]	1.1	1.1	0.8	1.2	1.0
KGD (5%)	0.6	1.3	0.9	1.3	1.0
KGD (1%)	0.8	1.7	1.3	1.7	1.4
Versuchs-Streuung	0.8	0.8	0.6	0.9	0.7
FG Fehlerterm	150.0	30.0	30.0	45.0	45.0
Anz. Beob.	14.0	3.0	3.0	4.0	4.0
Varianz-Analyse					
	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	149.1	15	17.14 ***	1.73	0.0000
Anbauorte	2830.9	3	1627.33 ***	2.67	0.0000
WW Verf.*Anb.Orte	72.7	45	2.78 ***	1.45	0.0002
Fehler	87.0	150			
Insgesamt	3139.6	213			

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8566 Ellighausen TG
LG 30222	246.5 --	197.4 --	268.5 ---	273.8 ---
ES Eurojet	288.9 -----	232.8 -----	311.4 -----	322.5 -----
KWS Stabil	286.1 -----	227.8 -----	308.1 -----	322.5 -----
LG 31211	262.8 -----	214.2 -----	286.6 -----	287.5 -----
P8521	243.2 --	193.1 -	261.4 -	275.0 ---
ES Crossman	282.6 -----	222.2 -----	306.7 -----	318.8 -----
ES Hubble	279.2 -----	229.2 -----	293.4 -----	315.0 -----
Amavit	273.1 -----	218.6 -----	293.2 -----	307.5 -----
P7515	262.7 -----	205.7 ----	280.0 ----	302.5 -----
LZM 166/73	267.3 -----	209.9 ----	293.3 -----	298.8 -----
Kaprilias	252.8 ----	209.9 ----	263.7 --	285.0 ----
KWS Stefano	269.2 -----	212.5 ----	295.1 -----	300.0 -----
KXB7016	236.9 -	195.3 -	256.6 -	258.8 -
KXB7127	280.6 -----	220.7 -----	303.6 -----	317.5 -----
KXB7313	259.2 -----	206.7 ----	283.4 -----	287.5 -----
Del4	257.9 -----	211.0 -----	270.2 ---	292.5 -----
-Bezugsgrösse(n)	262.9 -----	207.6 ----	284.0 -----	296.9 -----
Versuchs-Mittel	265.6 -----	212.9 -----	285.9 -----	297.8 -----
VK [%]	3.6	3.9	2.3	3.8
KGD (5%)	8.5	14.0	11.2	15.9
KGD (1%)	11.3	19.0	15.3	21.3
Versuchs-Streuung	9.6	8.2	6.6	11.2
FG Fehlerterm	87.0	21.0	21.0	45.0
Anz. Beob.	10.0	3.0	3.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	37047.7	15	27.00 ***	1.78	0.0000
Anbauorte	225428.6	2	1232.19 ***	3.10	0.0000
WW Verf.*Anb.Orte	3936.3	30	1.43 ns	1.59	0.1001
Fehler	7958.3	87			
Insgesamt	274370.9	134			

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8566 Ellighausen TG
LG 30222	110.5 -	83.1 --	118.3 --	130.0 -
ES Eurojet	144.0 -----	113.7 -----	148.3 -----	170.0 -----
KWS Stabil	138.5 -----	96.8 -----	145.0 -----	173.8 -----
LG 31211	112.0 -	78.6 -	120.0 ---	137.5 --
P8521	110.9 -	77.2 -	116.7 --	138.8 ---
ES Crossman	128.2 -----	95.4 -----	141.7 -----	147.5 -----
ES Hubble	130.8 -----	102.1 -----	131.7 -----	158.8 -----
Amavit	127.1 -----	91.3 ----	140.0 -----	150.0 ----
P7515	128.8 -----	93.1 ----	123.3 ---	170.0 -----
LZM 166/73	114.9 --	90.9 ----	115.0 -	138.8 ---
Kaprilias	116.8 --	98.4 -----	118.3 --	133.8 -
KWS Stefano	118.0 ---	84.1 ---	140.0 -----	130.0 -
KXB7016	117.9 ---	91.6 ----	113.3 -	148.8 ----
KXB7127	137.7 -----	108.4 -----	138.3 -----	166.3 -----
KXB7313	119.8 ---	85.6 ---	130.0 -----	143.8 ----
Del4	121.3 ----	89.6 ----	126.7 ----	147.5 ----
-Bezugsgrösse(n)	119.5 ---	86.3 ---	129.2 -----	143.1 ----
Versuchs-Mittel	123.6 -----	92.5 -----	129.2 -----	149.1 -----
VK [%]	6.5	5.9	5.2	6.5
KGD (5%)	7.1	9.3	11.2	13.8
KGD (1%)	9.4	12.6	15.1	18.4
Versuchs-Streuung	8.0	5.5	6.7	9.7
FG Fehlerterm	96.0	21.0	30.0	45.0
Anz. Beob.	10.0	3.0	3.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	16237.4	15	16.83 ***	1.77	0.0000
Anbauorte	87815.2	2	682.72 ***	3.09	0.0000
WW Verf.*Anb.Orte	6390.3	30	3.31 ***	1.58	0.0002
Fehler	6174.0	96			
Insgesamt	116616.9	143			

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8566 Ellighausen TG
LG 30222	47.2 ----	42.5 ----	55.1 -----	43.9 -----	47.5 ----
ES Eurojet	52.1 -----	48.8 -----	58.7 -----	48.1 -----	52.8 -----
KWS Stabil	50.0 -----	42.8 ----	55.9 -----	47.3 -----	53.9 -----
LG 31211	44.1 -	36.9 -	49.8 -	41.9 ---	47.8 ----
P8521	47.3 -----	40.1 ---	53.8 -----	45.0 -----	50.4 -----
ES Crossman	47.0 ----	42.9 -----	52.9 ----	46.0 -----	46.3 ---
ES Hubble	48.7 -----	44.7 -----	54.4 -----	45.1 -----	50.5 -----
Amavit	49.2 -----	41.3 ----	58.8 -----	47.8 -----	48.8 ----
P7515	49.8 -----	44.8 -----	53.9 -----	44.3 -----	56.2 -----
LZM 166/73	44.8 -	43.2 -----	49.9 -	39.6 -	46.5 ---
Kaprilias	48.0 ----	46.6 -----	54.2 ----	44.4 -----	46.9 ---
KWS Stefano	46.8 ----	39.6 ---	56.8 -----	47.4 -----	43.3 -
KXB7016	51.1 -----	46.4 -----	56.7 -----	43.9 -----	57.6 -----
KXB7127	50.5 -----	48.7 -----	56.0 -----	45.0 -----	52.4 -----
KXB7313	48.4 -----	41.8 ----	55.9 -----	46.0 -----	50.0 ----
Del4	48.5 -----	42.4 ----	54.3 -----	46.7 -----	50.4 -----
-Bezugsgrösse(n)	47.2 ----	41.5 ----	53.3 -----	45.5 -----	48.4 ----
Versuchs-Mittel	48.3 -----	43.4 -----	54.8 -----	45.1 -----	50.1 -----
VK [%]	6.4	6.4	7.3	5.5	5.9
KGD (5%)	2.4	4.7	ns	4.2	4.2
KGD (1%)	3.2	6.4	ns	ns	5.7
Versuchs-Streuung	3.1	2.8	4.0	2.5	3.0
FG Fehlerterm	108.0	21.0	21.0	21.0	45.0
Anz. Beob.	13.0	3.0	3.0	3.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	899.4	15	6.28 ***	1.76	0.0000
Anbauorte	4162.7	3	145.33 ***	2.69	0.0000
WW Verf.*Anb.Orte	882.8	45	2.05 **	1.49	0.0013
Fehler	1031.1	108			
Insgesamt	6976.0	171			

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

Verfahren	Seriemittel	1567 Delley FR	8566 Ellighausen TG
LG 30222	2.0 ---	3.0 ---	1.0 -
ES Eurojet	2.2 ----	3.3 ----	1.0 -
KWS Stabil	2.2 ----	3.3 ----	1.0 -
LG 31211	2.5 -----	2.3 --	2.6 -----
P8521	1.5 -	2.0 -	1.0 -
ES Crossman	1.8 --	2.6 --	1.0 -
ES Hubble	2.0 ---	2.3 --	1.8 ----
Amavit	1.5 -	2.0 -	1.0 -
P7515	2.0 ---	3.0 ---	1.0 -
LZM 166/73	3.0 -----	3.7 -----	2.3 -----
Kaprilias	2.3 ----	2.7 --	2.0 -----
KWS Stefano	3.6 -----	5.4 -----	1.8 ----
KXB7016	2.7 ----	4.3 ----	1.0 -
KXB7127	2.0 ---	3.0 ---	1.0 -
KXB7313	3.5 -----	6.0 -----	1.0 -
Del4	2.4 ----	2.3 --	2.5 -----
-Bezugsgrösse(n)	1.7 -	2.3 -	1.0 -
Versuchs-Mittel	2.3 ----	3.2 ----	1.4 ---
VK [%]	56.1	40.2	91.3
KGD (5%)	ns	2.2	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	1.3	1.3	1.3
FG Fehlerterm	66.0	21.0	45.0
Anz. Beob.	7.0	3.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	38.5	15	1.52 ns	1.82	0.1251
Anbauorte	88.6	1	52.36 ***	3.98	0.0000
WW Verf.*Anb.Orte	50.5	15	1.99 *	1.82	0.0294
Fehler	111.7	66			
Insgesamt	289.2	97			

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

Verfahren	Seriemittel	1567 Delley FR	8566 Ellighausen TG
LG 30222	12.5 ---	25.0 ---	0.0 -
ES Eurojet	14.6 ----	29.1 ----	0.0 -
KWS Stabil	14.5 ----	28.9 ----	0.0 -
LG 31211	18.5 -----	16.8 --	20.3 -----
P8521	6.1 -	12.2 -	0.0 -
ES Crossman	10.3 --	20.6 --	0.0 -
ES Hubble	13.1 ---	16.9 --	9.4 ----
Amavit	6.3 -	12.7 -	0.0 -
P7515	12.5 ---	25.0 ---	0.0 -
LZM 166/73	24.4 -----	33.2 -----	15.6 -----
Kaprilias	16.7 ----	21.0 --	12.5 -----
KWS Stefano	31.9 -----	54.4 -----	9.4 ----
KXB7016	20.9 ----	41.8 ----	0.0 -
KXB7127	12.4 ---	24.9 ---	0.0 -
KXB7313	31.2 -----	62.4 -----	0.0 -
Del4	17.7 ----	16.7 --	18.8 -----
-Bezugsgrösse(n)	8.2 -	16.4 -	0.0 -
Versuchs-Mittel	16.5 ----	27.6 ----	5.4 ---
VK [%]	98.6	58.4	303.8
KGD (5%)	ns	27.4	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	16.3	16.1	16.3
FG Fehlerterm	66.0	21.0	45.0
Anz. Beob.	7.0	3.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	6011.3	15	1.52 ns	1.82	0.1251
Anbauorte	13840.7	1	52.36 ***	3.98	0.0000
WW Verf.*Anb.Orte	7888.4	15	1.99 *	1.82	0.0294
Fehler	17446.8	66			
Insgesamt	45187.2	97			

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

Verfahren	Seriemittel		1260 Nyon	
LG 30222	1.5	--	1.5	--
ES Eurojet	4.2	-----	4.2	-----
KWS Stabil	3.6	-----	3.6	-----
LG 31211	3.0	-----	3.0	-----
P8521	1.8	---	1.8	---
ES Crossman	1.0	-	1.0	-
ES Hubble	1.9	---	1.9	---
Amavit	3.5	-----	3.5	-----
P7515	3.0	-----	3.0	-----
LZM 166/73	2.4	----	2.4	----
Kaprilias	2.1	----	2.1	----
KWS Stefano	2.5	----	2.5	----
KXB7016	1.2	-	1.2	-
KXB7127	3.4	-----	3.4	-----
KXB7313	3.0	-----	3.0	-----
Del4	1.7	---	1.7	---
-Bezugsgrösse(n)	1.4	--	1.4	--
Versuchs-Mittel	2.5	----	2.5	----
VK [%]	47.3		47.3	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	1.2		1.2	
FG Fehlerterm	21.0		21.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel		1260 Nyon	
LG 30222	5.9	--	5.9	--
ES Eurojet	39.7	-----	39.7	-----
KWS Stabil	32.5	-----	32.5	-----
LG 31211	25.0	-----	25.0	-----
P8521	9.7	---	9.7	---
ES Crossman	-0.3	-	-0.3	-
ES Hubble	10.9	---	10.9	---
Amavit	31.6	-----	31.6	-----
P7515	25.3	-----	25.3	-----
LZM 166/73	17.5	----	17.5	----
Kaprilias	13.6	----	13.6	----
KWS Stefano	18.6	----	18.6	----
KXB7016	2.5	-	2.5	-
KXB7127	29.7	-----	29.7	-----
KXB7313	24.7	-----	24.7	-----
Del4	8.9	---	8.9	---
-Bezugsgrösse(n)	4.7	--	4.7	--
Versuchs-Mittel	18.5	----	18.5	----
VK [%]	79.3		79.3	
KGD (5%)	ns		ns	
KGD (1%)	ns		ns	
Versuchs-Streuung	14.7		14.7	
FG Fehlerterm	21.0		21.0	
Anz. Beob.	3.0		3.0	

Plantes cassées pendant la végétation [note] / Stängelbruch Vegetation [Note]

Verfahren	Seriemittel	8046 Reckenholz ZH	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	1.7 -----	1.0 -	3.0 -----	1.0 -
ES Eurojet	1.0 -	1.0 -	1.0 -	1.1 --
KWS Stabil	1.3 ----	1.0 -	2.0 ----	1.0 -
LG 31211	1.3 ----	1.8 -----	1.0 -	1.3 -----
P8521	1.0 -	1.1 --	1.0 -	1.0 -
ES Crossman	1.2 ---	1.1 --	1.0 -	1.4 -----
ES Hubble	1.1 --	1.0 -	1.0 -	1.3 -----
Amavit	1.6 -----	1.3 ---	2.5 -----	1.0 -
P7515	1.6 -----	1.9 -----	1.8 ----	1.1 --
LZM 166/73	1.1 --	1.1 --	1.3 --	1.0 -
Kaprilias	1.6 -----	1.3 ---	2.3 -----	1.3 -----
KWS Stefano	1.5 -----	1.3 ---	2.3 -----	1.0 -
KXB7016	1.4 -----	1.3 ---	2.0 ----	1.0 -
KXB7127	1.3 ----	1.3 ---	1.5 ---	1.2 ----
KXB7313	1.3 ----	1.0 -	2.0 ----	1.0 -
Del4	1.5 -----	1.6 -----	1.5 ---	1.5 -----
-Bezugsgrösse(n)	1.1 --	1.1 --	1.0 -	1.2 ----
Versuchs-Mittel	1.4 -----	1.2 ---	1.7 ----	1.1 ---
VK [%]	34.9	41.1	34.1	34.1
KGD (5%)	0.4	ns	ns	ns
KGD (1%)	ns	ns	ns	ns
Versuchs-Streuung	0.5	0.5	0.6	0.4
FG Fehlerterm	105.0	45.0	15.0	45.0
Anz. Beob.	10.0	4.0	2.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	6.7	15	2.02 *	1.76	0.0203
Anbauorte	9.5	2	21.35 ***	3.08	0.0000
WW Verf.*Anb.Orte	18.2	30	2.74 ***	1.57	0.0004
Fehler	23.3	105			
Insgesamt	57.7	152			

Plantes cassées pendant la végétation [%] / Stängelbruch Vegetation [%]

Verfahren	Seriemittel	8046 Reckenholz ZH	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	8.3 -----	0.0 -	25.0 -----	0.0 -
ES Eurojet	0.2 -	0.0 -	0.0 -	0.6 --
KWS Stabil	4.2 ----	0.0 -	12.5 ----	0.0 -
LG 31211	4.2 ----	9.4 -----	0.0 -	3.1 -----
P8521	0.5 -	1.6 --	0.0 -	0.0 -
ES Crossman	2.1 ---	1.6 --	0.0 -	4.7 -----
ES Hubble	1.3 --	0.0 -	0.0 -	3.8 -----
Amavit	7.3 -----	3.1 ---	18.8 -----	0.0 -
P7515	7.0 -----	10.9 -----	9.4 ----	0.6 --
LZM 166/73	1.6 --	1.6 --	3.2 --	0.0 -
Kaprilias	7.3 -----	3.1 ---	15.7 -----	3.1 -----
KWS Stefano	6.3 -----	3.1 ---	15.7 -----	0.0 -
KXB7016	5.2 -----	3.1 ---	12.5 -----	0.0 -
KXB7127	3.9 ----	3.1 ---	6.3 ---	2.2 ----
KXB7313	4.2 ----	0.0 -	12.5 -----	0.0 -
Del4	6.8 -----	7.8 -----	6.3 ---	6.3 -----
-Bezugsgrösse(n)	1.3 --	1.6 --	0.0 -	2.3 ----
Versuchs-Mittel	4.4 -----	3.0 ---	8.6 ----	1.5 ---
VK [%]	134.3	210.9	83.8	313.8
KGD (5%)	5.2	ns	ns	ns
KGD (1%)	ns	ns	ns	ns
Versuchs-Streuung	5.9	6.4	7.2	4.8
FG Fehlerterm	105.0	45.0	15.0	45.0
Anz. Beob.	10.0	4.0	2.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1050.3	15	2.02 *	1.76	0.0203
Anbauorte	1482.6	2	21.38 ***	3.08	0.0000
WW Verf.*Anb.Orte	2847.4	30	2.74 ***	1.57	0.0004
Fehler	3640.8	105			
Insgesamt	9021.2	152			

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

Verfahren	Seriemittel	1567 Delley FR	8046 Reckenholz ZH	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	2.8 ----	1.7 -	6.3 -----	2.0 -----	1.1 -
ES Eurojet	2.7 ----	2.0 --	5.9 -----	1.8 -----	1.0 -
KWS Stabil	3.1 -----	2.3 ---	6.5 -----	2.5 -----	1.0 -
LG 31211	2.4 ---	2.3 ---	3.3 -	1.0 -	2.9 -----
P8521	2.3 ---	2.0 --	5.1 -----	1.0 -	1.0 -
ES Crossman	2.6 ----	2.0 --	4.8 ----	2.3 -----	1.3 --
ES Hubble	1.8 -	2.3 ---	3.0 -	1.0 -	1.0 -
Amavit	3.4 -----	3.3 -----	7.4 -----	1.9 -----	1.0 -
P7515	2.2 --	2.0 --	4.3 ---	1.0 -	1.4 ---
LZM 166/73	2.3 ---	2.3 ---	4.9 ---	1.0 -	1.0 -
Kaprilias	3.3 -----	2.7 ----	7.8 -----	1.7 ----	1.3 --
KWS Stefano	3.8 -----	4.3 -----	8.1 -----	1.3 --	1.6 ----
KXB7016	3.2 -----	2.3 ---	7.1 -----	2.3 -----	1.0 -
KXB7127	3.4 -----	2.7 ----	7.9 -----	1.9 -----	1.2 --
KXB7313	3.8 -----	4.0 -----	8.4 -----	1.9 -----	1.1 -
Del4	2.9 -----	3.3 -----	5.8 -----	1.3 --	1.3 --
-Bezugsgrösse(n)	2.4 ----	2.0 --	4.9 ----	1.6 ----	1.1 -
Versuchs-Mittel	2.9 -----	2.6 ----	6.0 -----	1.6 ----	1.3 --
VK [%]	36.7	20.0	24.9	32.3	71.6
KGD (5%)	0.8	0.9	2.1	ns	ns
KGD (1%)	1.1	1.2	2.8	ns	ns
Versuchs-Streuung	1.1	0.5	1.5	0.5	0.9
FG Fehlerterm	135.0	30.0	45.0	15.0	45.0
Anz. Beob.	13.0	3.0	4.0	2.0	4.0
Varianz-Analyse					
	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	69.8	15	4.19 ***	1.74	0.0001
Anbauorte	736.5	3	221.23 ***	2.67	0.0000
WW Verf.*Anb.Orte	122.9	45	2.46 ***	1.46	0.0004
Fehler	149.8	135			
Insgesamt	1079.1	198			

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

Verfahren	Seriemittel	1567 Delley FR	8046 Reckenholz ZH	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	22.0 ----	8.3 -	65.6 -----	12.5 -----	1.6 -
ES Eurojet	20.9 ----	12.5 --	60.9 -----	10.1 -----	0.0 -
KWS Stabil	26.0 -----	16.7 ---	68.8 -----	18.8 -----	0.0 -
LG 31211	17.1 ---	16.7 ---	28.1 -	0.0 -	23.4 -----
P8521	16.0 ---	12.5 --	51.6 -----	0.0 -	0.0 -
ES Crossman	19.5 ----	12.5 --	46.9 ----	15.7 -----	3.1 --
ES Hubble	10.4 -	16.7 ---	25.0 -	0.0 -	0.0 -
Amavit	30.1 -----	29.2 -----	80.3 -----	10.7 -----	0.3 -
P7515	14.6 --	12.5 --	40.6 ---	0.0 -	5.3 ---
LZM 166/73	16.3 ---	16.7 ---	48.4 ---	0.0 -	0.0 -
Kaprilias	29.4 -----	20.8 ----	84.4 -----	8.2 ----	4.1 --
KWS Stefano	35.2 -----	41.7 -----	88.1 -----	3.2 --	7.8 ----
KXB7016	27.2 -----	16.7 ---	76.6 -----	15.7 -----	0.0 -
KXB7127	30.0 -----	20.8 ---	85.9 -----	10.7 -----	2.5 --
KXB7313	35.2 -----	37.5 -----	91.9 -----	10.7 -----	0.9 -
Del4	23.7 -----	29.2 -----	59.4 -----	3.2 --	3.1 --
-Bezugsgrösse(n)	17.8 ----	12.5 --	49.2 ----	7.8 ----	1.6 -
Versuchs-Mittel	23.4 -----	20.1 ----	62.7 -----	7.4 ----	3.3 --
VK [%]	56.4	32.5	29.9	86.6	346.1
KGD (5%)	10.2	10.9	26.7	ns	ns
KGD (1%)	13.5	14.6	35.6	ns	ns
Versuchs-Streuung	13.2	6.5	18.7	6.4	11.3
FG Fehlerterm	135.0	30.0	45.0	15.0	45.0
Anz. Beob.	13.0	3.0	4.0	2.0	4.0
Varianz-Analyse					
	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10909.5	15	4.19 ***	1.74	0.0001
Anbauorte	115055.4	3	221.17 ***	2.67	0.0000
WW Verf.*Anb.Orte	19208.0	45	2.46 ***	1.46	0.0004
Fehler	23409.5	135			
Insgesamt	168582.4	198			

Fusariose [note] / Stängelfäule [Note]

Verfahren	Seriemittel	8046 Reckenholz ZH	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	5.2 -----	6.5 -----	7.5 -----	1.5 --
ES Eurojet	3.9 ----	6.5 -----	3.0 -	2.3 ----
KWS Stabil	5.8 -----	7.5 -----	7.5 -----	2.3 ----
LG 31211	4.5 -----	5.3 ----	6.5 -----	1.8 ---
P8521	5.8 -----	7.0 -----	8.0 -----	2.5 -----
ES Crossman	3.9 ----	5.0 ----	5.5 -----	1.3 -
ES Hubble	2.5 -	3.5 -	2.5 -	1.5 --
Amavit	5.4 -----	7.3 -----	7.5 -----	1.5 --
P7515	5.1 -----	6.5 -----	5.0 ----	3.8 -----
LZM 166/73	4.6 -----	5.8 ----	6.0 -----	2.0 ----
Kaprilias	6.5 -----	8.3 -----	8.5 -----	2.8 -----
KWS Stefano	6.3 -----	8.3 -----	7.5 -----	3.0 -----
KXB7016	5.8 -----	7.5 -----	7.5 -----	2.3 ----
KXB7127	5.5 -----	7.3 -----	7.5 -----	1.8 ---
KXB7313	6.1 -----	8.0 -----	8.5 -----	1.8 ---
Del4	6.3 -----	7.5 -----	8.0 -----	3.5 -----
-Bezugsgrösse(n)	4.9 -----	6.0 -----	6.8 -----	1.9 ---
Versuchs-Mittel	5.2 -----	6.7 -----	6.7 -----	2.2 ----
VK [%]	19.1	14.9	15.5	44.0
KGD (5%)	0.9	1.4	2.2	1.4
KGD (1%)	1.2	1.9	3.0	ns
Versuchs-Streuung	1.0	1.0	1.0	1.0
FG Fehlerterm	105.0	45.0	15.0	45.0
Anz. Beob.	10.0	4.0	2.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	174.7	15	11.82 ***	1.76	0.0000
Anbauorte	715.1	2	362.79 ***	3.08	0.0000
WW Verf.*Anb.Orte	103.2	30	3.49 ***	1.57	0.0001
Fehler	103.5	105			
Insgesamt	1096.5	152			

Fusariose [%] / Stängelfäule [%]

Verfahren	Seriemittel	1260 Nyon	8046 Reckenholz ZH	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	39.2 -----	0.5 ----	68.8 -----	81.3 -----	6.3 --
ES Eurojet	27.3 ----	-0.1 -	68.8 -----	25.0 -	15.6 ----
KWS Stabil	44.6 -----	0.1 -	81.3 -----	81.3 -----	15.6 ----
LG 31211	32.8 -----	0.1 --	53.1 ----	68.8 -----	9.4 ---
P8521	45.3 -----	-0.0 -	75.0 -----	87.5 -----	18.8 -----
ES Crossman	27.4 ----	0.1 --	50.0 ----	56.3 -----	3.1 -
ES Hubble	14.0 -	-0.1 -	31.3 -	18.8 -	6.3 --
Amavit	41.5 -----	0.4 --	78.1 -----	81.3 -----	6.3 --
P7515	38.3 -----	0.0 -	68.8 -----	50.0 ----	34.4 -----
LZM 166/73	34.1 -----	1.9 -----	59.4 ----	62.5 -----	12.5 ----
Kaprilias	51.7 -----	0.5 ----	90.6 -----	93.8 -----	21.9 -----
KWS Stefano	49.2 -----	0.0 -	90.6 -----	81.3 -----	25.0 -----
KXB7016	44.7 -----	0.6 ----	81.3 -----	81.3 -----	15.6 ----
KXB7127	42.2 -----	-0.1 -	78.1 -----	81.3 -----	9.4 ---
KXB7313	47.6 -----	-0.0 -	87.5 -----	93.8 -----	9.4 ---
Del4	50.2 -----	0.6 ----	81.3 -----	87.5 -----	31.3 -----
-Bezugsgrösse(n)	36.3 -----	0.0 -	62.5 -----	71.9 -----	10.9 ---
Versuchs-Mittel	39.4 -----	0.3 ---	71.5 -----	70.7 -----	15.0 ----
VK [%]	30.2	171.0	17.5	18.2	80.6
KGD (5%)	9.3	ns	17.8	27.5	17.3
KGD (1%)	12.2	ns	23.8	38.0	ns
Versuchs-Streuung	11.9	0.5	12.5	12.9	12.1
FG Fehlerterm	114.0	9.0	45.0	15.0	45.0
Anz. Beob.	13.0	3.0	4.0	2.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	20013.4	15	9.41 ***	1.76	0.0000
Anbauorte	214886.6	3	504.94 ***	2.68	0.0000
WW Verf.*Anb.Orte	22335.3	45	3.50 ***	1.48	0.0001
Fehler	16171.6	114			
Insgesamt	273406.9	177			

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1260 Nyon
LG 30222	1.1 ---	1.1 ---
ES Eurojet	4.5 -----	4.5 -----
KWS Stabil	0.0 -	0.0 -
LG 31211	1.1 ---	1.1 ---
P8521	2.4 -----	2.4 -----
ES Crossman	1.3 ---	1.3 ---
ES Hubble	0.6 --	0.6 --
Amavit	0.6 --	0.6 --
P7515	3.2 -----	3.2 -----
LZM 166/73	2.5 -----	2.5 -----
Kaprilias	1.9 -----	1.9 -----
KWS Stefano	0.0 -	0.0 -
KXB7016	2.1 -----	2.1 -----
KXB7127	1.9 -----	1.9 -----
KXB7313	2.6 -----	2.6 -----
Del4	1.7 ----	1.7 ----
-Bezugsgrösse(n)	1.9 -----	1.9 -----
Versuchs-Mittel	1.7 ----	1.7 ----
VK [%]	275.6	177.1
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	4.7	4.7
FG Fehlerterm	15.0	15.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon
LG 30222	1.6 -	1.6 -
ES Eurojet	12.5 -----	12.5 -----
KWS Stabil	11.9 -----	11.9 -----
LG 31211	12.7 -----	12.7 -----
P8521	3.0 --	3.0 --
ES Crossman	3.9 ---	3.9 ---
ES Hubble	5.9 ----	5.9 ----
Amavit	8.0 -----	8.0 -----
P7515	10.7 -----	10.7 -----
LZM 166/73	3.1 --	3.1 --
Kaprilias	9.0 -----	9.0 -----
KWS Stefano	8.2 -----	8.2 -----
KXB7016	4.7 ---	4.7 ---
KXB7127	1.2 -	1.2 -
KXB7313	10.5 -----	10.5 -----
Del4	14.5 -----	14.5 -----
-Bezugsgrösse(n)	3.4 --	3.4 --
Versuchs-Mittel	7.6 ----	7.6 ----
VK [%]	522.4	420.0
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	39.6	39.6
FG Fehlerterm	15.0	15.0
Anz. Beob.	3.0	3.0

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel	1567 Delley FR
LG 30222	2.0 ---	2.0 ---
ES Eurojet	2.7 ----	2.7 ----
KWS Stabil	2.7 ----	2.7 ----
LG 31211	2.0 ---	2.0 ---
P8521	1.0 -	1.0 -
ES Crossman	2.3 ----	2.3 ----
ES Hubble	3.0 -----	3.0 -----
Amavit	3.3 -----	3.3 -----
P7515	2.0 ---	2.0 ---
LZM 166/73	3.0 -----	3.0 -----
Kaprilias	2.3 ----	2.3 ----
KWS Stefano	5.0 -----	5.0 -----
KXB7016	3.0 -----	3.0 -----
KXB7127	2.0 ---	2.0 ---
KXB7313	4.7 -----	4.7 -----
Del4	3.7 -----	3.7 -----
-Bezugsgrösse(n)	1.7 --	1.7 --
Versuchs-Mittel	2.8 ----	2.8 ----
VK [%]	33.3	33.3
KGD (5%)	1.5	1.5
KGD (1%)	2.1	2.1
Versuchs-Streuung	0.9	0.9
FG Fehlerterm	30.0	30.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
LG 30222	9.4 -----	9.2 -----	8.5 -----	9.2 -----	10.1 -----
ES Eurojet	9.4 -----	8.6 -----	8.5 -----	9.0 -----	10.2 -----
KWS Stabil	9.5 -----	9.5 -----	8.5 -----	9.4 -----	10.2 -----
LG 31211	9.3 -----	8.9 -----	8.5 -----	9.1 -----	10.1 -----
P8521	9.0 -	8.1 ---	8.5 -----	8.6 -	9.8 -
ES Crossman	9.0 -	7.6 -	8.4 -	8.6 -	9.9 ---
ES Hubble	9.4 -----	8.5 -----	8.5 -----	9.0 -----	10.4 -----
Amavit	9.3 -----	8.7 -----	8.5 -----	8.9 -----	10.2 -----
P7515	9.2 -----	8.0 -----	8.5 -----	9.2 -----	9.9 -----
LZM 166/73	9.2 -----	8.3 -----	8.5 -----	8.7 -----	9.8 -----
Kaprilias	9.5 -----	8.9 -----	8.5 -----	9.7 -----	9.7 -----
KWS Stefano	9.3 -----	8.4 -----	8.5 -----	8.9 -----	10.2 -----
KXB7016	9.6 -----	9.5 -----	8.5 -----	9.1 -----	10.3 -----
KXB7127	9.4 -----	8.5 -----	8.5 -----	9.2 -----	10.1 -----
KXB7313	9.5 -----	9.5 -----	8.5 -----	9.3 -----	10.2 -----
Del4	9.6 -----	9.0 -----	8.4 -	9.3 -----	10.5 -----
-Bezugsgrösse(n)	9.0 -	7.9 --	8.4 -----	8.6 -	9.8 --
Versuchs-Mittel	9.4 -----	8.7 -----	8.5 -----	9.1 -----	10.1 -----
VK [%]	3.7	4.5	0.9	2.5	5.0
KGD (5%)	0.2	0.6	ns	0.4	ns
KGD (1%)	0.3	0.9	ns	0.5	ns
Versuchs-Streuung	0.3	0.4	0.1	0.2	0.5
FG Fehlerterm	186.0	30.0	30.0	21.0	45.0
Anz. Beob.	19.0	3.0	3.0	3.0	4.0
Varianz-Analyse					
	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10.1	15	5.57 ***	1.72	0.0000
Anbauorte	129.3	5	213.41 ***	2.26	0.0000
WW Verf.*Anb.Orte	19.0	75	2.09 ***	1.36	0.0006
Fehler	22.5	186			
Insgesamt	180.9	281			

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

Verfahren	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	9.3 ---	10.2 -----
ES Eurojet	9.7 -----	10.3 -----
KWS Stabil	9.5 -----	10.2 -----
LG 31211	9.1 --	10.3 -----
P8521	8.9 -	10.1 ----
ES Crossman	8.9 -	10.3 -----
ES Hubble	9.7 -----	10.2 -----
Amavit	9.5 -----	10.1 -----
P7515	9.6 -----	10.2 -----
LZM 166/73	9.9 -----	10.2 -----
Kaprilias	10.3 -----	10.2 -----
KWS Stefano	9.5 -----	10.3 -----
KXB7016	10.0 -----	10.2 -----
KXB7127	9.8 -----	10.2 -----
KXB7313	9.3 -----	10.0 -
Del4	10.3 -----	10.2 -----
-Bezugsgrösse(n)	8.9 -	10.2 -----
Versuchs-Mittel	9.6 -----	10.2 -----
VK [%]	5.9	0.9
KGD (5%)	ns	0.1
KGD (1%)	ns	ns
Versuchs-Streuung	0.6	0.1
FG Fehlerterm	15.0	45.0
Anz. Beob.	2.0	4.0

Rendement grain (14% H₂O) [dt/ha] / Korntrag (14% H₂O) [dt/ha]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
LG 30222	125.1 --	124.7 -----	115.8 -----	123.7 -	123.5 -----
ES Eurojet	122.3 -	105.6 -	101.0 ----	131.0 ----	116.3 ----
KWS Stabil	127.4 ----	112.5 ---	112.2 -----	142.7 -----	114.2 ----
LG 31211	128.0 ----	121.1 -----	116.2 -----	136.8 -----	118.0 -----
P8521	126.7 ---	124.7 -----	97.9 ----	136.6 -----	112.1 ---
ES Crossman	140.2 -----	137.4 -----	113.7 -----	145.5 -----	128.4 -----
ES Hubble	127.1 ---	124.2 ----	103.8 ----	131.2 ---	114.1 ---
Amavit	133.1 -----	130.4 -----	121.4 -----	146.9 -----	113.4 ----
P7515	134.6 -----	141.3 -----	107.8 -----	145.6 -----	122.8 -----
LZM 166/73	132.8 -----	122.1 ----	120.2 -----	143.9 -----	144.5 -----
Kaprilias	127.0 ---	138.2 -----	106.4 ----	137.3 ----	114.6 ----
KWS Stefano	123.1 -	118.1 ----	98.2 ----	141.0 -----	107.8 --
KXB7016	122.0 -	126.7 -----	91.4 --	132.5 ----	114.0 ----
KXB7127	127.4 ----	132.4 -----	116.3 -----	139.9 -----	99.2 -
KXB7313	133.4 -----	124.8 ----	110.3 -----	148.0 -----	125.1 -----
Del4	121.8 -	135.0 -----	87.2 -	139.7 -----	112.5 ----
-Bezugsgrösse(n)	133.4 -----	131.1 -----	105.8 -----	141.1 -----	120.2 -----
Versuchs-Mittel	128.2 ----	126.2 -----	107.5 -----	138.9 -----	117.5 -----
VK [%]	7.7	5.7	10.4	3.9	8.4
KGD (5%)	6.3	12.3	19.1	9.3	14.1
KGD (1%)	8.3	16.8	ns	12.6	18.8
Versuchs-Streuung	9.8	7.3	11.2	5.5	9.9
FG Fehlerterm	168.0	21.0	21.0	21.0	45.0
Anz. Beob.	19.0	3.0	3.0	3.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	7852.0	15	5.40 ***	1.73	0.0000
Anbauorte	150910.8	5	311.51 ***	2.27	0.0000
WW Verf.*Anb.Orte	23187.8	75	3.19 ***	1.37	0.0001
Fehler	16277.3	168			
Insgesamt	198227.8	263			

Rendement grain (14% H₂O) [dt/ha] / Korntrag (14% H₂O) [dt/ha]

Verfahren	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	112.6 -----	150.1 -
ES Eurojet	112.2 -----	168.1 ----
KWS Stabil	98.9 ----	183.8 -----
LG 31211	118.6 -----	157.2 --
P8521	109.1 -----	179.8 -----
ES Crossman	107.0 -----	209.2 -----
ES Hubble	118.2 -----	170.8 ----
Amavit	107.3 -----	179.5 ----
P7515	109.3 -----	180.8 ----
LZM 166/73	114.2 -----	151.7 -
Kaprilias	100.7 ----	164.8 ---
KWS Stefano	109.9 -----	163.9 ---
KXB7016	102.6 ----	164.6 ---
KXB7127	87.9 -	188.6 -----
KXB7313	109.6 -----	182.8 -----
Del4	104.3 -----	152.0 -
-Bezugsgrösse(n)	108.1 -----	194.5 -----
Versuchs-Mittel	107.7 -----	171.7 ----
VK [%]	5.5	7.2
KGD (5%)	12.5	17.7
KGD (1%)	ns	23.7
Versuchs-Streuung	5.9	12.4
FG Fehlerterm	15.0	45.0
Anz. Beob.	2.0	4.0

Rendement relativ [%] / Relativertrag [%]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
LG 30222	95.8 ----	94.0 -----	109.3 -----	87.3 -	102.7 -----
ES Eurojet	92.4 -	79.6 -	95.3 ----	92.5 ----	96.7 ----
KWS Stabil	95.4 ----	84.8 ---	105.9 -----	100.7 -----	95.0 ----
LG 31211	97.7 -----	91.3 ----	109.6 -----	96.6 ----	98.2 ----
P8521	94.9 ---	94.0 -----	92.3 ----	96.5 -----	93.2 ---
ES Crossman	104.5 -----	103.6 -----	107.3 -----	102.7 -----	106.8 -----
ES Hubble	96.1 ----	93.6 ----	97.9 ----	92.6 ---	94.9 ----
Amavit	100.4 -----	98.3 -----	114.6 -----	103.7 -----	94.3 ----
P7515	101.2 -----	106.5 -----	101.7 ----	102.7 -----	102.2 ----
LZM 166/73	101.8 -----	92.1 ----	113.4 -----	101.6 -----	120.2 -----
Kaprilias	95.8 ----	104.2 -----	100.4 ----	96.9 ----	95.3 ----
KWS Stefano	92.8 --	89.0 ---	92.7 ---	99.5 -----	89.7 --
KXB7016	91.6 -	95.5 -----	86.3 --	93.6 ----	94.8 ----
KXB7127	94.9 ---	99.8 -----	109.7 -----	98.8 ----	82.5 -
KXB7313	100.3 -----	94.0 ----	104.1 ----	104.5 -----	104.0 ----
Del4	91.8 -	101.7 -----	82.3 -	98.6 ----	93.5 ----
-Bezugsgrösse(n)	99.7 -----	98.8 -----	99.8 ----	99.6 -----	100.0 ----
Versuchs-Mittel	96.7 ----	95.1 ----	101.4 -----	98.0 ----	97.8 ----
VK [%]	7.4	5.7	10.4	3.9	8.4
KGD (5%)	4.6	9.3	18.0	6.5	11.7
KGD (1%)	6.1	12.6	ns	8.9	15.7
Versuchs-Streuung	7.2	5.5	10.6	3.9	8.2
FG Fehlerterm	168.0	21.0	21.0	21.0	45.0
Anz. Beob.	19.0	3.0	3.0	3.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	4350.1	15	5.64 ***	1.73	0.0000
Anbauorte	5412.5	5	21.06 ***	2.27	0.0000
WW Verf.*Anb.Orte	12450.9	75	3.23 ***	1.37	0.0001
Fehler	8635.8	168			
Insgesamt	30849.2	263			

Rendement relativ [%] / Relativertrag [%]

Verfahren	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	104.2 -----	77.2 -
ES Eurojet	103.8 -----	86.4 ----
KWS Stabil	91.6 ----	94.5 -----
LG 31211	109.7 -----	80.8 --
P8521	100.9 -----	92.4 ----
ES Crossman	99.1 ----	107.6 -----
ES Hubble	109.4 -----	87.8 ----
Amavit	99.3 ----	92.3 ----
P7515	101.2 -----	93.0 ----
LZM 166/73	105.7 -----	78.0 -
Kaprilias	93.2 ----	84.8 ---
KWS Stefano	101.7 -----	84.3 ---
KXB7016	95.0 ----	84.6 ---
KXB7127	81.4 -	97.0 -----
KXB7313	101.4 -----	94.0 ----
Del4	96.5 ----	78.1 -
-Bezugsgrösse(n)	100.0 -----	100.0 -----
Versuchs-Mittel	99.6 ----	88.3 ----
VK [%]	5.5	7.2
KGD (5%)	11.6	9.1
KGD (1%)	ns	12.2
Versuchs-Streuung	5.4	6.4
FG Fehlerterm	15.0	45.0
Anz. Beob.	2.0	4.0

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8046 Reckenholz ZH
LG 30222	81.5 ----	82.9 -----	81.6 ---	79.2 -----	84.0 -----
ES Eurojet	81.0 ----	82.2 ----	82.1 ----	78.5 ----	82.7 ---
KWS Stabil	83.2 -----	84.0 -----	83.0 -----	80.7 -----	84.9 -----
LG 31211	81.1 ----	82.9 -----	81.3 ---	78.1 ---	82.7 ---
P8521	83.7 -----	84.5 -----	84.3 -----	81.4 -----	86.7 -----
ES Crossman	80.4 ---	81.4 ---	81.8 ---	78.1 ---	82.1 ---
ES Hubble	79.5 -	81.0 ---	80.8 -	77.9 ---	80.4 -
Amavit	81.3 ----	82.0 ----	82.0 ----	77.7 --	85.1 -----
P7515	83.3 -----	84.3 -----	84.0 -----	82.1 -----	85.5 -----
LZM 166/73	80.5 ---	81.4 ---	80.6 -	77.7 --	83.2 ----
Kaprilias	80.8 ----	80.6 --	81.9 ----	77.5 --	83.6 ----
KWS Stefano	80.4 ---	80.3 -	81.6 ---	77.5 --	82.9 ----
KXB7016	82.5 -----	82.0 ----	83.4 -----	78.9 ----	85.5 -----
KXB7127	82.4 -----	83.1 -----	83.3 -----	79.3 ----	85.2 -----
KXB7313	80.4 ---	80.0 -	81.4 ---	76.8 -	84.4 ----
Del4	81.4 ----	82.8 -----	83.3 -----	77.6 --	83.4 ----
-Bezugsgrösse(n)	82.1 -----	82.9 -----	83.0 -----	79.7 -----	84.4 -----
Versuchs-Mittel	81.5 ----	82.2 ----	82.3 ----	78.7 ----	83.9 ----
VK [%]	0.8	0.5	0.9	0.9	0.9
KGD (5%)	0.4	0.7	1.3	1.2	1.1
KGD (1%)	0.6	0.9	1.8	1.6	1.4
Versuchs-Streuung	0.7	0.4	0.8	0.7	0.7
FG Fehlerterm	186.0	30.0	21.0	30.0	45.0
Anz. Beob.	19.0	3.0	3.0	3.0	4.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	437.2	15	63.06 ***	1.72	0.0000
Anbauorte	1082.0	5	468.20 ***	2.26	0.0000
WW Verf.*Anb.Orte	159.8	75	4.61 ***	1.36	0.0000
Fehler	86.0	186			
Insgesamt	1765.1	281			

Précocité [% MS] / Frühreife [% TS]

Verfahren	8194 Hüntwangen ZH	8566 Ellighausen TG
LG 30222	82.6 ----	78.4 ---
ES Eurojet	81.4 ----	79.2 ----
KWS Stabil	85.3 -----	81.5 -----
LG 31211	81.9 -----	79.9 -----
P8521	84.4 -----	81.1 -----
ES Crossman	81.5 ----	77.3 -
ES Hubble	78.6 -	78.1 ---
Amavit	83.4 -----	77.9 --
P7515	82.9 -----	81.0 -----
LZM 166/73	81.1 ----	78.8 ----
Kaprilias	83.2 -----	78.0 ---
KWS Stefano	81.6 ----	78.2 ---
KXB7016	84.0 -----	81.1 -----
KXB7127	83.7 -----	79.8 -----
KXB7313	82.4 -----	77.1 -
Del4	82.5 -----	78.7 ---
-Bezugsgrösse(n)	82.9 -----	79.2 ----
Versuchs-Mittel	82.5 -----	79.1 ----
VK [%]	0.9	0.9
KGD (5%)	1.5	1.0
KGD (1%)	2.1	1.3
Versuchs-Streuung	0.7	0.7
FG Fehlerterm	15.0	45.0
Anz. Beob.	2.0	4.0

Humidité moissonneuse [% H₂O] / Feuchtigkeit Erntemaschine [% H₂O]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8194 Hüntwangen ZH
LG 30222	18.7 ----	17.1 ----	20.8 -----	14.4 ---	15.5 ---
ES Eurojet	18.3 ----	17.8 -----	21.5 -----	15.3 ---	15.9 ---
KWS Stabil	15.2 --	16.0 --	19.3 ---	12.7 --	12.1 -
LG 31211	18.2 ----	17.1 ----	21.9 -----	15.9 ---	14.4 --
P8521	14.3 -	15.5 -	18.6 --	11.0 -	12.0 -
ES Crossman	20.8 -----	18.6 -----	21.9 -----	18.8 -----	16.1 ---
ES Hubble	23.6 -----	19.0 -----	22.1 -----	23.9 -----	27.0 -----
Amavit	17.8 ---	18.0 ---	22.3 -----	12.1 -	12.6 -
P7515	14.3 -	15.7 -	17.9 -	11.4 -	12.6 -
LZM 166/73	20.8 -----	18.6 -----	22.3 -----	16.9 ----	19.2 ----
Kaprilias	18.9 ----	19.4 -----	22.5 -----	13.9 ---	12.8 -
KWS Stefano	19.0 ----	19.7 -----	22.5 -----	13.7 ---	14.4 --
KXB7016	17.3 ---	18.0 ---	21.1 -----	12.3 --	13.7 --
KXB7127	17.0 ---	16.9 ---	20.7 -----	12.6 --	12.9 -
KXB7313	19.2 -----	20.0 -----	23.2 -----	12.7 --	13.4 --
Del4	17.9 ----	17.2 ---	22.4 -----	13.9 ---	13.0 -
-Bezugsgrösse(n)	17.5 ----	17.1 ----	20.3 ----	14.9 ----	14.0 --
Versuchs-Mittel	18.2 ----	17.8 -----	21.3 -----	14.5 ---	14.8 --
VK [%]	8.0	2.2	3.3	11.7	6.9
KGD (5%)	1.0	0.7	1.2	2.4	2.2
KGD (1%)	1.3	0.9	1.6	3.2	3.0
Versuchs-Streuung	1.4	0.4	0.7	1.7	1.0
FG Fehlerterm	164.0	30.0	30.0	45.0	15.0
Anz. Beob.	16.0	3.0	3.0	4.0	2.0
Varianz-Analyse					
	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1383.4	15	44.02 ***	1.73	0.0000
Anbauorte	2809.1	4	335.17 ***	2.43	0.0000
WW Verf.*Anb.Orte	958.1	60	7.62 ***	1.40	0.0000
Fehler	343.6	164			
Insgesamt	5494.2	243			

Humidité moissonneuse [% H₂O] / Feuchtigkeit Erntemaschine [% H₂O]

Verfahren	8566 Ellighausen TG
LG 30222	25.9 -----
ES Eurojet	21.2 -----
KWS Stabil	16.1 --
LG 31211	21.6 -----
P8521	14.4 -
ES Crossman	28.4 -----
ES Hubble	26.1 -----
Amavit	23.8 -----
P7515	14.1 -
LZM 166/73	26.9 -----
Kaprilias	25.8 -----
KWS Stefano	24.7 -----
KXB7016	21.2 -----
KXB7127	21.9 -----
KXB7313	26.8 -----
Del4	23.3 -----
-Bezugsgrösse(n)	21.4 -----
Versuchs-Mittel	22.6 -----
VK [%]	8.9
KGD (5%)	2.9
KGD (1%)	3.8
Versuchs-Streuung	2.0
FG Fehlerterm	44.0
Anz. Beob.	4.0

Humidité appareil laboratoire [% H₂O] / Feuchtigkeit Laborgerät [% H₂O]

Verfahren	Seriemittel	1567 Delley FR
LG 30222	18.4 -----	18.4 -----
ES Eurojet	17.9 -----	17.9 -----
KWS Stabil	17.0 ----	17.0 ----
LG 31211	18.7 -----	18.7 -----
P8521	15.7 -	15.7 -
ES Crossman	18.2 -----	18.2 -----
ES Hubble	19.2 -----	19.2 -----
Amavit	18.0 -----	18.0 -----
P7515	16.0 --	16.0 --
LZM 166/73	19.4 -----	19.4 -----
Kaprilias	18.1 -----	18.1 -----
KWS Stefano	18.4 -----	18.4 -----
KXB7016	16.6 ---	16.6 ---
KXB7127	16.7 ---	16.7 ---
KXB7313	18.6 -----	18.6 -----
Del4	16.7 ---	16.7 ---
-Bezugsgrösse(n)	17.0 ----	17.0 ----
Versuchs-Mittel	17.7 -----	17.7 -----
VK [%]	4.4	4.4
KGD (5%)	1.3	1.3
KGD (1%)	1.8	1.8
Versuchs-Streuung	0.8	0.8
FG Fehlerterm	21.0	21.0
Anz. Beob.	3.0	3.0

PHL moissonneuse [kg/hl] / HLG Mährescher [kg/hl]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8046 Reckenholz ZH	8194 Hüntwangen ZH
LG 30222	74.7 -----	78.9 -----	75.1 -----	74.0 -----	73.9 -----
ES Eurojet	72.0 -----	76.3 -----	72.5 -----	70.7 -----	70.6 -----
KWS Stabil	72.5 -----	78.3 -----	74.2 -----	68.6 ---	71.0 -----
LG 31211	71.7 -----	76.4 -----	71.0 ---	70.3 -----	70.6 -----
P8521	68.9 -	72.2 -	70.2 --	67.3 -	67.9 -
ES Crossman	72.3 -----	76.6 -----	72.7 -----	70.8 -----	71.4 -----
ES Hubble	71.5 -----	76.2 -----	72.8 -----	70.2 -----	68.9 --
Amavit	71.2 -----	75.5 -----	72.0 -----	70.2 -----	69.8 ---
P7515	68.9 -	72.1 -	69.1 -	67.6 -	69.0 --
LZM 166/73	72.9 -----	77.4 -----	73.4 -----	71.3 -----	71.2 -----
Kaprilias	71.8 -----	75.2 -----	72.0 -----	70.5 -----	71.2 -----
KWS Stefano	70.6 ---	75.1 ---	71.4 ---	68.7 ---	69.4 ---
KXB7016	74.7 -----	78.2 -----	74.3 -----	73.2 -----	74.3 -----
KXB7127	73.9 -----	78.0 -----	73.7 -----	72.5 -----	73.6 -----
KXB7313	71.6 -----	75.5 -----	72.0 -----	70.4 -----	71.1 -----
Del4	71.4 -----	75.1 -----	72.1 -----	70.2 -----	70.7 -----
-Bezugsgrösse(n)	70.6 ---	74.4 ---	71.4 ---	69.0 ---	69.6 ---
Versuchs-Mittel	71.9 -----	76.1 -----	72.4 -----	70.4 -----	70.9 -----
VK [%]	1.1	0.7	0.6	1.1	1.0
KGD (5%)	0.5	0.9	0.8	1.1	1.5
KGD (1%)	0.7	1.3	1.1	1.5	2.0
Versuchs-Streuung	0.8	0.6	0.5	0.8	0.7
FG Fehlerterm	155.0	30.0	21.0	45.0	15.0
Anz. Beob.	16.0	3.0	3.0	4.0	2.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	662.5	15	72.50 ***	1.73	0.0000
Anbauorte	1295.2	4	531.56 ***	2.43	0.0000
WW Verf.*Anb.Orte	92.0	60	2.52 ***	1.40	0.0003
Fehler	94.4	155			
Insgesamt	2144.1	234			

PHL moissonneuse [kg/hl] / HLG Mährescher [kg/hl]

Verfahren	8566 Ellighausen TG
LG 30222	71.6 -----
ES Eurojet	69.8 -----
KWS Stabil	70.7 -----
LG 31211	70.0 -----
P8521	66.9 -
ES Crossman	70.1 -----
ES Hubble	69.6 -----
Amavit	68.6 ---
P7515	66.8 -
LZM 166/73	71.0 -----
Kaprilias	70.0 -----
KWS Stefano	68.7 ---
KXB7016	73.5 -----
KXB7127	71.6 -----
KXB7313	69.2 -----
Del4	69.0 -----
-Bezugsgrösse(n)	68.5 ---
Versuchs-Mittel	69.8 -----
VK [%]	1.5
KGD (5%)	1.5
KGD (1%)	2.0
Versuchs-Streuung	1.0
FG Fehlerterm	44.0
Anz. Beob.	4.0

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	26.04.18	26.09.18
1567	Corcelles / Delley	514	11.05.18	16.10.18
1725	Grangeneuve	654	11.05.18	17.10.18
3065	Habstetten	620	08.05.18	18.10.18
8046	Reckenholz	440	20.04.18	17.09.18
8194	Hüntwangen	384	27.04.18	19.09.18 *
8566	Ellighausen	503	24.04.18	25.09.18

* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les mises en valeur.

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
SY Talisman	SA1002	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/S	SM11/T
Figaro	KXB3329	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/S	SM21/S
RGT Chromixx	RH13049	SC	R2n	Fenaco, Moudon	KM11/S	
P8409	X85F825	SC	Pioneer	Pioneer, Manno	KM11/S	
Benedictio KWS	KXB4138	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/S	SM11/S
P8307	X85F816	SC	Pioneer	Pioneer, Manno	KM11/e2	
SY Pandoras	SB1165	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/e2	SM11/e2
Rancador	KXB6127	TC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e2	SM01/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
DKC 3380	ER3380	SC	Monsanto, USA	Monsanto, Morges	KM11/e1	
SM G0308	SM G0308	SC	von Moreau Saatzucht, D	Samen Steffen, Langenthal	KM11/e1	
KWS Iconico	KXB6315	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	SM11/e1
Dentrico	KXB6324	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/e1	
KXB7366	KXB7366	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM11/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.
RH17045	RH17045	SC	RAGT 2n, F	Fenaco, Moudon	KM11/e1	
RGT Colectixx	RH16052	SC	RAGT 2n, F	Fenaco, Moudon	KM11/e1	
SA0746	SA0746	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/e1	SM11/e1
SY Calo	SB1285	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/e1	
ES Metronom	ESZ2202	SC	Euralis, F	Euralis	KM11/T	SM21/S
SY Telias	SC1153	SC	Syngenta, CH	Syngenta, Dielsdorf	KM11/T	SM11/S
Gottardo KWS	KXB1157	SC	KWS, Einbeck	KWS Suisse SA, Basel	FS	

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

Technische Versuchsangaben / données techniques / technical information									
Standort / lieu / site:	1260 Nyon (430 m ü.M.)	Corcellles (441 m ü.M.)	Grangeneuve (650 m ü.M.)	Habstetten (620 m ü.M.)	Zürich-Affoltern (440 m ü.M.)	Hüntwangen (384 m ü.M.)	Ellighausen (603 m ü.M.)		
Bodenart / type de sol / soil type:	limono sableux	Lourd	moyen	sandiger Lehm	Parabraunerde	leicht, schwach 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 des températures / sum of temperatures (base 6°C; Saat - Ernte/ semis - récolte / seeding - harvest):	316 mm + irrigations : 10.07.;16.07.;24.07.; apport total : 90 mm 2020 °C	327,8 mm (selon AgroMeteo, station Delley) 2006,9°C (selon AgroMeteo, station Delley, seuil 6°C)	-	247 mm (ev. nicht ganz vollständig) 1982 °C	391 mm 1916 °C	283 mm (Meteostation Wfl) 1954 °C (Meteostation Wfl)	334 mm 1807 °C		
Versuchsanlage / dispositif expérimental / experimental design: Randomisierte Blockanlage mit 3 Wiederholungen / blocs randomisés avec 3 répétitions / randomized block design with 3 replications. Parzellengröße / grandeur d'une parcelle / plot size:	4reihig, mit 0,8m Weg (22,4m ² brutto), 10m ² netto	Semé: 17 m ² per single plot (brut, avec chemin), 14,4 m ² net, 4 rangs Récolté: 8,5 m ² per single plot (brut, avec chemin), 7,2 m ² net, 2 rangs au milieu	4reihig, mit 0,8m Weg (22,4m ² brutto), 10 m ² netto	4reihig, mit 0,8m Weg (22,4m ² brutto), 10 m ² netto	15 m ² pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m ² netto	15 m ² pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m ² netto	15 m ² pro Plot brutto (4reihig, mit 0,8m Weg), 6,3 m ² netto		
Vorfrucht / précédent cultural / previous crop:	blé printemps	Seigle	prairie temporaire	blé d'hiver	Zuckerrüben / betterave à sucre / sugar beets	Winterweizen / blé d'hiver / winter wheat + Zwischenbegrünung	Raps - Zwischenfrüher (Wick-Hafer-Erbsengemenge)		
Bodenbearbeitung / travail du sol / soil cultivation:	23.04. labour 24.04. hersage	23.04.2018: Labour 11.05.2018: 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	Pflug (6.3.18), Federzahnegge (18.4.18) / charrue, herse / plough, harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug (Hebst) und Kreiselegge / charrue (automne) et herse rotative / plough (fall) and rotary harrow		
Saat / date de semis / sowing date:	26.04.2018	11.05.2018 (jour 131)	11.05.2018 (jour 131)	08.05.2018	20.04.2018	27.04.2018	24.04.2018		
Ernte / date de récolte / harvest date:	08.10.2018	15.10.2018 (jour 288)	16.10.2018 (jour 289)	17.10.2018	17.09.2018	27.09.2018	25.09.2018		

Technische Versuchsausgaben / données techniques / technical information									
Standort / lieu / site:	1260 Nyon (430 m ü.M.)	Corcelles (441 m ü.M.)	Grangeneuve (650 m ü.M.)	Habstetten (620 m ü.M.)	Zürich- Affoltern (440 m ü.M.)	Hüntwangen (384 m ü.M.)	Elighausen (503 m ü.M.)		
Saatdichte / densité de semis / sowing density:	9.5 Körner / grains pro m ²	Semis: 10.5 grains pro m ² Eclaircit 10 pl/m ²	9.5 Körner / grains pro m ²	10 Körner / grains pro m ²	10.1 Körner / grains pro m ²	10.1 Körner / grains pro m ²	10.1 Körner / grains pro m ²		
Vegetationsdauer / durée de végétation / growing period	165 jours/Tage/days	157 Tage / jours / days	168 Tage / jours / days	162 Tage / jours / days	150 Tage / jours / days	145 Tage / jours / days	154 Tage / jours / days		
Reihenabstand / interlignes / row distance:	75 cm	80 cm	75 cm	75 cm	75 cm	75 cm	75 cm		
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	-	-	-	-	Hacken (11.5.18)	-	-		
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	Gardo Gold 4 l/ha Banvel 4S 0,5 l/ha Elumis 1,3 l/ha (04.06.2018)	21.05.2018: Laudis (2 L/ha) + Aspect (1.5 L/ha)	1.6.18: 1.5 l/ha Equip Power	Elumis 1.3 l/ha + Banvel 4S 0.4l/ha (17.06.18)	24.5.: Aspect 2.0l/ha, Laudis 2.0l/ha, Banvel IM 0.5l/ha	Aspect 1,5l Laudis, 2,0l Banvel 4S 0,4l	15.5.: Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha		
Grunddüngung / fumure de base / basic fertilisation:	Fumier bovins 35 m ³ /ha 132 N, 85 P2O ₅ , 178 K ₂ O; 21 MgO (10,04) Super triple 46 % 244 kg/ha 112 P2O ₅ (19,04)	20.03.2018: Purin 20 m ³ /ha (35 N/ha, 40 P2O ₅ /ha, 47 K ₂ O/ha)	-	-	11.4. Triple Superphosphat 46% 92 kg P2O ₅ /ha; 12.4. Kali 60% 180 kg K ₂ O/ha	DAP 46 kg P2O ₅ /ha (26.4.); UFA Alpha (Zwischenbegrünung)	nach Raps 20 t/ha Stapelmist (Herbst 2017)		
N-Düngung / fumure N / N fertilisation:	nitrate ammoniacale 27.5 % 177 kg/ha 48 N 4 MgO (9.05.) Urée perlée 46 % 117 kg/ha 54 N (11.06.)	11.05.2018: Urée (46.0.0) 800 kg/ha	175 kg/ha Nitrate sulfo- magnésien (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)	Harnstoff 46% 82.8 kg N/ha (11.5.), Harnstoff 46 % 32.2 kg N/ha (11.5.)	DAP 18 kg N/ha (26.4.); Harnstoff 46% 70kg N/ha (26.4.) Harnstoff 46% 70kg N/ha (4.6.)	5.5.: Ammonsalpeter (55 kg N/ha); 5.6. Harnstoff (70 kg N/ha)		
Ernte / Récolte / harvest:	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting	Moissonneuse-batteuse Hadrup C85	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting	Wintersteiger Delta Mährescher / moissonneuse-batteuse / direct combine harvesting	Wintersteiger Delta Mährescher / moissonneuse-batteuse / direct combine harvesting	Wintersteiger Delta Mährescher / moissonneuse-batteuse / direct combine harvesting		

3.2.4 Index / Indice

Sorte	Status	Ertrag	Reife	Jugend- entwicklung	Wurzellager.		Wurzellager. Ernte	Stängel- bruch	Beulen- brand	Stängel- fäule	Gesamt- index
					Vegetation	Ernte					
RGT Chromixx	S	-0.34	0.32	0.07	0.19			0.28	0.02	1.56	2.10
SY Calo	e1	1.78	-1.86	0.40	-0.30			-0.26	0.01	1.34	1.10
P8409	S	0.34	-0.32	-0.07	-0.19			-0.28	-0.02	-1.56	-2.10
SM H0205	1.	1.17	-4.09	0.45	-0.16			-0.77	-0.10	0.95	-2.56
KWS Iconico	e1	5.00	-8.00	0.42	0.10			-0.58	-0.14	0.33	-2.87
DKC 3380	e1	1.19	-3.96	0.14	-0.22			-0.97	0.00	0.30	-3.51
SM F0166	1.	1.87	-5.15	0.33	-0.84			0.00	-0.01	0.27	-3.52
P8307	e2	2.00	2.18	0.08	-1.06			-5.91	-0.30	-1.05	-4.05
Dentrico	e1	0.88	-0.62	-0.07	-1.83			-3.70	-0.13	0.00	-5.47
Benedictio KWS	S	-2.05	-1.42	0.19	-0.43			-2.08	0.00	-0.41	-6.20
RGT Colectixx	e1	-3.66	-2.66	-0.17	-0.29			-0.52	0.24	0.83	-6.25
SY Pandoras	e2	1.22	-7.51	0.51	-0.84			-1.12	0.03	0.38	-7.33
Gottardo KWS	FS	0.39	-6.05	0.18	-0.65			-0.68	-2.69	0.31	-9.18
RH17045	e1	-5.29	-4.42	-0.02	-0.43			-0.55	0.19	0.91	-9.60
KXB7366	e1	3.85	-5.01	0.28	-0.84			-7.59	-1.40	1.00	-9.70
SY Telias	T	1.62	-6.05	0.23	-0.71			-5.47	-0.36	-0.10	-10.84
SY Talisman	S	-1.62	-2.98	0.43	-1.28			-5.37	0.03	-0.68	-11.47
SM G0308	e1	-7.93	-3.46	0.13	-1.00			-1.09	0.14	1.25	-11.95
KWS Fabiano	e2	-2.53	-3.86	0.12	-1.79			-3.80	-0.25	-0.01	-12.11
ES Metronom	T	-5.68	-5.79	0.39	-0.60			-1.69	-0.37	1.45	-12.27
Bernardino KWS	e2	0.03	-2.72	0.35	-1.61			-7.12	0.16	-1.60	-12.51
Rancador	e2	0.06	-5.78	0.12	-2.03			-4.55	-0.13	-1.06	-13.37
Figaro	S	-7.55	-5.31	0.19	-0.76			-2.35	0.16	1.89	-13.73
ES Albatros	S	-7.37	-6.52	0.24	-1.54			-1.08	0.13	1.76	-14.38
SA0746	e1	-2.54	-2.14	0.37	-1.82			-9.66	0.06	-1.27	-16.99
Bezugsgrößen		0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Anzahl Beob.		16	16	16	5			8	5	11	
Anzahl Orte		6	6	6	2			3	2	4	
Gewichtung		1	2.5	0.5	0.25		0.75	0.75	0.25	0.25	

3.2.5 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- entwick- lung Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Wurzel- lager. Veg. %	Stängel- bruch Veg. %	Stängel- bruch Ernte %
ES Albatros	4.1	71.8	72.5	277.8	123.1	43.8	21.8	5.2	5.0
SY Talisman	3.7	71.3	71.1	260.8	109.2	41.3	18.6	4.2	16.4
Figaro	4.2	74.2	73.2	280.7	133.9	47.2	12.4	4.2	8.3
RGT Chromixx	4.4	72.2	72.1	267.2	120.2	44.7	1.0	1.5	1.3
P8409	4.7	72.9	73.2	262.9	127.0	48.2	5.6	2.5	2.8
Benedictio KWS	4.2	72.1	72.5	279.0	123.6	44.0	8.5	3.5	7.6
P8307	4.4	73.1	73.0	261.5	127.9	48.9	16.0	9.4	17.8
SY Pandoras	3.6	73.4	72.3	287.6	121.0	42.1	13.4	5.2	5.1
Rancador	4.3	70.7	71.2	279.4	118.6	42.1	27.7	4.2	14.2
Bernardino KWS	3.9	72.2	73.1	282.3	120.5	42.2	22.7	3.1	21.1
KWS Fabiano	4.3	73.1	72.5	293.0	133.1	45.3	24.8	4.2	12.2
DKC 3380	4.3	71.5	71.1	277.4	110.9	39.8	6.0	2.1	4.7
SM G0308	4.3	72.0	71.0	262.7	109.5	41.7	15.3	0.4	5.0
KWS Iconico	3.7	73.8	73.0	283.2	134.1	47.1	2.2	2.1	3.6
Dentrico	4.7	72.5	72.8	261.9	113.3	43.0	25.3	5.2	11.9
KXB7366	4.0	72.1	71.7	278.0	115.1	41.2	13.4	4.2	22.3
SM H0205	3.7	71.4	70.8	270.7	110.2	40.6	5.3	0.0	4.1
SM F0166	3.9	72.2	71.0	276.7	108.6	39.0	13.4	0.0	2.1
RH17045	4.6	71.2	71.9	248.6	116.2	46.3	8.5	3.1	3.5
RGT Colectixx	4.9	72.0	72.7	261.8	123.6	46.5	6.8	4.2	3.5
SA0746	3.8	71.2	71.3	267.7	113.0	41.9	25.2	3.1	27.8
SY Calo	3.8	72.5	72.5	245.0	111.4	44.9	7.0	0.0	2.8
ES Metronom	3.8	71.0	71.4	281.7	123.8	43.3	10.5	0.0	6.6
SY Telias	4.1	72.5	72.1	252.6	117.0	46.0	11.9	2.1	16.7
Gottardo KWS	4.2	71.0	70.9	266.8	109.2	40.9	11.1	0.0	3.9
-Bezugsgrösse(n)	4.6	72.5	72.7	265.0	123.6	46.5	3.3	2.0	2.1
Versuchs-Mittel	4.1	72.2	72.0	270.7	119.0	43.7	13.4	2.9	9.2
VK [%]	10.7	1.0	1.2	3.4	7.5	7.2	54.0	163.4	100.1
KGD (5%)	0.3	0.5	0.6	7.8	7.6	2.7	9.3		9.2
KGD (1%)	0.4	0.7	0.8	10.3	10.0	3.5	12.5		12.1
Versuchsstreuung	0.4	0.7	0.9	9.2	9.0	3.2	7.2	4.8	9.2
FG Fehlerterm	152.0	168.0	128.0	80.0	120.0	120.0	32.0	96.0	96.0
Anz. Beob.	16.0	14.0	14.0	11.0	11.0	11.0	5.0	6.0	8.0
Anz. Orte	6.0	5.0	5.0	4.0	4.0	4.0	2.0	2.0	3.0
Minimum	3.6	70.7	70.8	245.0	108.6	39.0	1.0	0.0	1.3
Maximum	4.9	74.2	73.2	293.0	134.1	48.9	27.7	9.4	27.8

Sorten Bezeichnung	Stängel fäule %	Beulen- brand %	Mais- zünsler %	allg. Ein- druck Note	Effekt. Best. dichte Pfl./m2	Korn- ertrag 14%H2O dt/ha	Ertrag rel.zu Bezug %	TS- Korn Ernte %	HLG Ernte- maschine kg/hl
ES Albatros	4.4	0.4	7.4	2.5	8.6	133.9	93.6	77.4	74.0
SY Talisman	19.1	1.6	3.3	1.5	8.8	142.2	99.2	78.9	71.7
Figaro	3.7	0.1	5.6	3.0	8.9	133.6	92.9	77.9	71.1
RGT Chromixx	5.6	1.7	3.5	1.0	8.5	144.1	100.2	80.2	72.8
P8409	24.4	2.2	7.5	1.5	8.9	145.1	101.1	79.9	70.9
Benedictio KWS	17.5	2.0	6.1	2.0	8.2	141.6	98.7	79.5	71.9
P8307	21.3	5.5	4.5	5.0	8.8	147.5	101.9	80.9	70.8
SY Pandoras	12.8	1.6	3.6	1.0	8.8	146.3	102.5	77.0	72.8
Rancador	21.4	3.5	8.3	3.5	8.6	144.6	100.1	77.7	71.4
Bernardino KWS	24.6	0.0	7.7	3.0	8.6	144.6	100.4	79.0	71.5
KWS Fabiano	15.1	5.0	6.2	4.0	8.7	140.9	98.1	78.5	71.0
DKC 3380	13.2	1.9	4.6	1.0	8.4	146.3	102.4	78.5	72.8
SM G0308	7.5	0.3	9.5	3.5	8.9	133.1	93.4	78.7	71.3
KWS Iconico	13.0	3.6	3.1	1.5	8.8	151.8	105.9	76.8	69.4
Dentrico	15.0	3.5	7.9	2.5	8.8	145.8	101.8	79.8	70.6
KXB7366	9.0	18.7	6.2	4.0	8.9	150.1	104.3	78.0	70.3
SM H0205	9.3	3.2	4.4	2.5	8.7	146.3	101.8	78.4	71.5
SM F0166	13.4	2.0	6.4	2.0	8.6	147.3	102.4	78.0	71.3
RH17045	9.5	-0.3	5.8	1.0	9.0	136.9	96.0	78.3	72.0
RGT Colectixx	10.0	-0.9	5.5	1.0	8.7	139.3	97.1	79.0	73.2
SA0746	22.6	1.2	4.7	2.5	8.5	140.9	98.1	79.2	72.1
SY Calo	7.0	1.9	3.5	1.0	8.7	147.1	103.0	79.3	73.1
ES Metronom	6.3	6.4	3.5	2.0	8.6	136.4	95.4	77.7	72.9
SY Telias	15.6	6.2	3.9	1.5	8.6	146.9	102.2	77.6	71.0
Gottardo KWS	13.1	34.2	6.8	1.0	8.8	145.1	101.2	77.6	71.6
-Bezugsgrösse(n)	15.0	2.0	5.5	1.3	8.7	144.6	100.6	80.1	71.9
Versuchs-Mittel	13.4	4.2	5.6	2.2	8.7	143.1	99.8	78.6	71.7
VK [%]	83.2	43.8	69.2	38.2	3.2	4.5	4.7	1.0	1.2
KGD (5%)	9.4	2.4		1.7	0.2	4.5	3.2	0.5	0.6
KGD (1%)	12.5	3.2		2.3	0.3	5.9	4.3	0.7	0.8
Versuchsstreuung	11.1	1.9	3.9	0.8	0.3	6.4	4.6	0.8	0.9
FG Fehlerterm	104.0	32.0	72.0	24.0	152.0	128.0	128.0	128.0	144.0
Anz. Beob.	11.0	5.0	5.0	2.0	16.0	16.0	16.0	16.0	14.0
Anz. Orte	4.0	2.0	2.0	1.0	6.0	6.0	6.0	6.0	5.0
Minimum	3.7	-0.9	3.1	1.0	8.2	133.1	92.9	76.8	69.4
Maximum	24.6	34.2	9.5	5.0	9.0	151.8	105.9	80.9	74.0

3.2.6 Details / Détails

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	4.1 ----	5.0 ----	4.5 -----	4.5 ----	4.2 ---
SY Talisman	3.7 --	4.9 ----	3.5 -	4.9 -----	4.2 --
Figaro	4.2 ----	5.1 ----	3.8 ---	4.8 -----	5.0 -----
RGT Chromixx	4.4 -----	5.3 -----	4.5 -----	5.1 -----	4.8 -----
P8409	4.7 -----	5.6 -----	4.8 -----	5.0 -----	4.7 -----
Benedictio KWS	4.2 ----	5.5 -----	3.5 -	4.6 ----	4.9 -----
P8307	4.4 -----	5.5 -----	4.3 -----	5.2 -----	5.1 -----
SY Pandoras	3.6 -	4.2 -	3.5 -	5.0 -----	4.0 --
Rancador	4.3 ----	5.8 -----	4.3 -----	5.0 -----	4.8 ----
Bernardino KWS	3.9 ---	4.7 ----	4.3 -----	4.4 ----	4.2 ---
KWS Fabiano	4.3 ----	5.0 ----	4.3 -----	4.9 -----	4.7 ----
DKC 3380	4.3 ----	4.8 ----	4.3 -----	4.9 -----	4.6 ----
SM G0308	4.3 ----	5.0 ----	4.5 -----	5.0 -----	4.8 ----
KWS Iconico	3.7 --	4.8 ----	4.3 -----	4.5 ----	4.3 ---
Dentrico	4.7 -----	5.4 -----	4.8 -----	5.0 -----	5.1 -----
KXB7366	4.0 ----	5.1 ----	4.3 -----	4.0 -	4.8 ----
SM H0205	3.7 -	4.7 ----	4.0 ----	4.0 -	3.9 -
SM F0166	3.9 ---	4.4 --	4.3 -----	4.5 ----	4.9 -----
RH17045	4.6 -----	5.3 -----	4.8 -----	5.0 -----	4.9 -----
RGT Colectixx	4.9 -----	5.5 -----	4.5 -----	5.5 -----	6.0 -----
SA0746	3.8 ---	4.6 ---	3.8 ---	5.1 -----	3.9 -
SY Calo	3.8 --	4.5 ---	4.0 ----	4.8 -----	3.8 -
ES Metronom	3.8 --	5.5 -----	4.3 -----	3.9 -	3.9 -
SY Telias	4.1 ----	5.2 -----	4.3 -----	4.6 ----	4.8 ----
Gottardo KWS	4.2 ----	5.0 ----	4.0 ----	5.0 -----	4.9 -----
-Bezugsgrösse(n)	4.6 -----	5.5 -----	4.6 -----	5.1 -----	4.8 ----
Versuchs-Mittel	4.1 ----	5.1 ----	4.2 ----	4.8 ----	4.6 ----
VK [%]	10.7	7.0	9.2	7.3	6.5
KGD (5%)	0.3	0.6	ns	ns	0.5
KGD (1%)	0.4	0.8	ns	ns	0.7
Versuchs-Streuung	0.4	0.4	0.4	0.4	0.3
FG Fehlerterm	152.0	24.0	24.0	8.0	24.0
Anz. Beob.	16.0	3.0	2.0	2.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	51.0	24	10.77 ***	1.59	0.0000
Anbauorte	240.0	5	243.34 ***	2.28	0.0000
WW Verf.*Anb.Orte	36.7	120	1.55 ns	1.33	
Fehler	30.0	152			
Insgesamt	357.6	301			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8046		8566	
	Reckenholz ZH		Ellighausen TG	
ES Albatros	3.4	-----	3.0	-----
SY Talisman	2.5	--	2.3	---
Figaro	3.1	----	3.3	-----
RGT Chromixx	3.5	-----	3.3	-----
P8409	3.9	-----	4.2	-----
Benedictio KWS	3.8	-----	2.7	----
P8307	3.1	----	3.3	-----
SY Pandoras	2.9	----	1.8	-
Rancador	3.7	-----	2.5	----
Bernardino KWS	3.0	----	2.7	----
KWS Fabiano	3.8	-----	3.3	-----
DKC 3380	3.6	-----	3.5	-----
SM G0308	3.4	-----	3.2	-----
KWS Iconico	2.2	-	2.3	---
Dentrico	4.0	-----	4.0	-----
KXB7366	3.3	-----	2.5	----
SM H0205	2.9	----	2.5	----
SM F0166	3.1	----	2.3	----
RH17045	3.7	-----	3.8	-----
RGT Colectixx	4.3	-----	3.7	-----
SA0746	2.8	---	2.8	-----
SY Calo	2.5	--	3.0	-----
ES Metronom	3.1	----	2.0	-
SY Telias	3.1	----	2.8	----
Gottardo KWS	3.6	-----	2.7	----
-Bezugsgrösse(n)	3.7	-----	3.8	-----
Versuchs-Mittel	3.3	-----	2.9	----
VK [%]	13.4		19.4	
KGD (5%)	0.7		0.9	
KGD (1%)	1.0		1.2	
Versuchs-Streuung	0.4		0.6	
FG Fehlerterm	24.0		48.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
ES Albatros	71.8 ----	72.2 ---	66.5 ---	69.0 -----	77.4 -----
SY Talisman	71.3 --	72.1 ---	66.0 --	69.0 -----	75.7 -
Figaro	74.2 -----	74.2 -----	70.5 -----	70.0 -----	80.0 -----
RGT Chromixx	72.2 -----	72.5 -----	65.5 --	69.0 -----	78.3 -----
P8409	72.9 -----	74.2 -----	68.0 -----	69.3 -----	76.5 ---
Benedictio KWS	72.1 -----	74.2 -----	66.0 --	69.3 -----	77.1 ----
P8307	73.1 -----	75.6 -----	66.5 ---	69.3 -----	77.3 ----
SY Pandoras	73.4 -----	74.7 -----	69.0 -----	70.0 -----	77.1 ----
Rancador	70.7 -	71.7 --	65.0 -	67.7 ---	75.6 -
Bernardino KWS	72.2 -----	73.0 -----	67.0 ----	69.3 -----	76.6 ---
KWS Fabiano	73.1 -----	72.1 ---	67.0 ----	70.3 -----	79.2 -----
DKC 3380	71.5 ---	71.4 -	66.0 --	69.7 -----	76.3 --
SM G0308	72.0 ----	73.3 ----	66.5 ---	69.7 -----	76.4 ---
KWS Iconico	73.8 -----	74.7 -----	68.5 -----	70.7 -----	79.1 -----
Dentrico	72.5 -----	73.7 -----	67.5 -----	69.3 -----	76.7 ---
KXB7366	72.1 -----	72.8 ----	66.5 ---	70.0 -----	77.2 ----
SM H0205	71.4 ---	72.4 ---	65.5 --	70.0 -----	75.6 -
SM F0166	72.2 -----	73.8 -----	66.5 ---	69.7 -----	77.2 ----
RH17045	71.2 --	71.5 -	65.0 -	69.0 -----	76.6 ---
RGT Colectixx	72.0 ----	73.4 -----	65.5 --	68.7 -----	78.3 -----
SA0746	71.2 --	71.2 -	66.5 ---	68.3 -----	76.6 ---
SY Calo	72.5 -----	75.1 -----	67.0 ----	69.0 -----	77.5 -----
ES Metronom	71.0 -	72.5 ----	66.0 --	66.7 -	75.8 -
SY Telias	72.5 -----	73.9 -----	67.5 -----	69.0 -----	76.5 ---
Gottardo KWS	71.0 -	71.2 -	66.0 --	68.7 -----	75.5 -
-Bezugsgrösse(n)	72.5 -----	73.4 -----	66.8 ----	69.2 -----	77.4 -----
Versuchs-Mittel	72.2 -----	73.1 -----	66.7 ----	69.2 -----	77.0 ----
VK [%]	1.0	1.7	1.0	0.7	0.7
KGD (5%)	0.5	2.1	1.4	0.7	0.9
KGD (1%)	0.7	2.8	1.9	1.0	1.2
Versuchs-Streuung	0.7	1.2	0.7	0.5	0.5
FG Fehlerterm	168.0	24.0	24.0	48.0	24.0
Anz. Beob.	14.0	3.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	273.0	24	21.96 ***	1.58	0.0000
Anbauorte	4885.5	4	2357.94 ***	2.43	0.0000
WW Verf.*Anb.Orte	177.0	96	3.56 ***	1.34	0.0000
Fehler	87.0	168			
Insgesamt	5422.5	292			

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

Verfahren	8566	
	Ellighausen TG	
ES Albatros	73.7	--
SY Talisman	73.7	--
Figaro	76.3	-----
RGT Chromixx	75.7	-----
P8409	76.3	-----
Benedictio KWS	74.0	--
P8307	76.7	-----
SY Pandoras	76.0	-----
Rancador	73.7	--
Bernardino KWS	75.3	-----
KWS Fabiano	77.0	-----
DKC 3380	74.3	---
SM G0308	74.3	---
KWS Iconico	76.0	-----
Dentrico	75.3	-----
KXB7366	74.0	--
SM H0205	73.7	--
SM F0166	74.0	--
RH17045	74.0	--
RGT Colectixx	74.0	--
SA0746	73.3	-
SY Calo	74.0	--
ES Metronom	74.0	--
SY Telias	75.7	-----
Gottardo KWS	73.7	--
-Bezugsgrösse(n)	76.0	-----
Versuchs-Mittel	74.7	----
VK [%]	0.9	
KGD (5%)	1.1	
KGD (1%)	1.5	
Versuchs-Streuung	0.7	
FG Fehlerterm	48.0	
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	72.5 -----	73.9 -----	66.9 -----	69.0 -----	77.9 ----
SY Talisman	71.1 --	71.1 -	65.5 --	67.6 ---	76.2 -
Figaro	73.2 -----	73.3 -----	67.6 -----	69.3 -----	79.9 -----
RGT Chromixx	72.1 ----	72.1 ----	65.1 -	68.9 -----	79.2 -----
P8409	73.2 -----	75.0 -----	67.6 -----	69.3 -----	77.3 ----
Benedictio KWS	72.5 -----	73.4 -----	66.2 ----	69.0 -----	78.4 -----
P8307	73.0 -----	74.8 -----	66.3 ----	68.1 ----	79.2 -----
SY Pandoras	72.3 -----	72.8 ----	66.1 ----	68.9 -----	77.4 ----
Rancador	71.2 --	72.3 ----	65.6 --	67.1 -	76.3 --
Bernardino KWS	73.1 -----	73.7 -----	66.2 ----	70.1 -----	78.7 -----
KWS Fabiano	72.5 -----	70.7 -	65.7 ---	69.5 -----	80.0 -----
DKC 3380	71.1 --	70.9 -	66.0 ----	67.7 ---	76.3 -
SM G0308	71.0 -	71.2 --	65.5 --	68.4 ----	75.9 -
KWS Iconico	73.0 -----	73.1 -----	67.7 -----	69.2 -----	79.2 -----
Dentrico	72.8 -----	72.9 -----	67.3 -----	69.5 -----	77.8 ----
KXB7366	71.7 ----	71.6 ---	66.0 ----	68.9 -----	77.6 ----
SM H0205	70.8 -	71.0 -	65.1 -	68.0 ----	76.3 -
SM F0166	71.0 -	71.0 -	65.6 ---	67.7 ---	76.7 --
RH17045	71.9 ----	71.3 --	66.0 ----	69.4 -----	77.7 ----
RGT Colectixx	72.7 -----	73.3 -----	65.8 ---	69.5 -----	79.4 -----
SA0746	71.3 ---	71.0 -	66.4 -----	68.0 ----	77.0 ---
SY Calo	72.5 -----	73.6 -----	66.0 ----	69.1 -----	78.4 -----
ES Metronom	71.4 ---	73.2 -----	65.9 ----	67.0 -	77.1 ----
SY Telias	72.1 -----	72.3 ----	65.9 ----	69.0 -----	77.6 ----
Gottardo KWS	70.9 -	70.7 -	65.8 ---	68.5 -----	76.0 -
-Bezugsgrösse(n)	72.7 -----	73.6 -----	66.4 -----	69.1 -----	78.3 -----
Versuchs-Mittel	72.0 -----	72.4 ----	66.2 ----	68.7 -----	77.7 ----
VK [%]	1.2	1.9	0.6	0.8	1.1
KGD (5%)	0.6	2.3	0.9	0.9	1.4
KGD (1%)	0.8	3.1	1.3	1.3	1.9
Versuchs-Streuung	0.9	1.4	0.4	0.5	0.8
FG Fehlerterm	128.0	24.0	8.0	24.0	24.0
Anz. Beob.	14.0	3.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	226.4	24	12.76 ***	1.60	0.0000
Anbauorte	6205.1	4	2099.28 ***	2.44	0.0000
WW Verf.*Anb.Orte	152.5	96	2.15 ***	1.37	0.0005
Fehler	94.6	128			
Insgesamt	6678.6	252			

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

Verfahren	8566	
	Ellighausen TG	
ES Albatros	74.7	-----
SY Talisman	75.0	-----
Figaro	76.0	-----
RGT Chromixx	75.3	-----
P8409	76.7	-----
Benedictio KWS	75.3	-----
P8307	76.7	-----
SY Pandoras	76.3	-----
Rancador	74.7	-----
Bernardino KWS	76.7	-----
KWS Fabiano	76.7	-----
DKC 3380	74.7	-----
SM G0308	74.0	---
KWS Iconico	75.7	-----
Dentrico	76.7	-----
KXB7366	74.3	---
SM H0205	73.7	--
SM F0166	74.0	---
RH17045	75.0	-----
RGT Colectixx	75.7	-----
SA0746	74.0	---
SY Calo	75.3	-----
ES Metronom	74.0	---
SY Telias	75.7	-----
Gottardo KWS	73.3	-
-Bezugsgrösse(n)	76.0	-----
Versuchs-Mittel	75.2	-----
VK [%]	1.0	
KGD (5%)	1.2	
KGD (1%)	1.6	
Versuchs-Streuung	0.7	
FG Fehlerterm	48.0	
Anz. Beob.	3.0	

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8566 Ellighausen TG
ES Albatros	277.8 -----	223.8 -----	293.8 -----	288.4 -----	305.0 -----
SY Talisman	260.8 ----	202.0 ----	264.4 ---	276.5 ----	300.2 ----
Figaro	280.7 -----	219.2 -----	306.1 -----	291.1 -----	306.2 -----
RGT Chromixx	267.2 ----	213.4 ----	279.1 ----	280.4 ----	295.8 ----
P8409	262.9 ----	212.6 ----	273.3 ----	267.1 --	298.6 ----
Benedictio KWS	279.0 -----	224.7 -----	281.8 -----	292.9 -----	316.6 -----
P8307	261.5 ----	214.4 -----	272.0 ----	258.7 -	300.9 ----
SY Pandoras	287.6 -----	229.1 -----	311.4 -----	297.4 -----	312.4 -----
Rancador	279.4 -----	226.9 -----	289.6 -----	289.8 -----	311.3 -----
Bernardino KWS	282.3 -----	223.6 -----	291.8 -----	294.2 -----	319.5 -----
KWS Fabiano	293.0 -----	231.2 -----	301.9 -----	305.8 -----	333.0 -----
DKC 3380	277.4 -----	221.8 -----	293.8 -----	297.7 -----	296.4 ----
SM G0308	262.7 ----	200.5 ---	283.2 ----	273.6 ----	293.4 ----
KWS Iconico	283.2 -----	220.9 -----	299.0 -----	296.5 -----	316.6 -----
Dentrico	261.9 ----	202.7 ----	279.7 ----	271.9 ---	293.4 ----
KXB7366	278.0 -----	215.4 -----	291.0 -----	292.2 -----	313.4 -----
SM H0205	270.7 -----	210.7 -----	296.8 -----	284.5 -----	290.8 ----
SM F0166	276.7 -----	222.1 -----	292.0 -----	286.5 -----	306.3 -----
RH17045	248.6 -	188.5 -	266.5 ---	261.5 -	278.1 --
RGT Colectixx	261.8 ----	205.6 ----	279.1 ----	271.1 ---	291.2 ----
SA0746	267.7 ----	219.9 -----	271.0 ----	278.8 ----	301.3 ----
SY Calo	245.0 -	190.2 -	251.2 -	267.3 --	271.4 -
ES Metronom	281.7 -----	222.0 -----	295.4 -----	299.0 -----	310.4 -----
SY Telias	252.6 --	198.1 ---	259.3 --	272.0 ---	281.0 --
Gottardo KWS	266.8 ----	212.4 ----	284.1 ----	275.2 ----	295.3 ----
-Bezugsgrösse(n)	265.0 ----	213.0 ----	276.2 ----	273.7 ----	297.2 ----
Versuchs-Mittel	270.7 -----	214.1 -----	284.3 -----	282.8 -----	301.5 -----
VK [%]	3.4	3.9	1.4	3.3	3.7
KGD (5%)	7.8	14.2	9.0	15.5	18.6
KGD (1%)	10.3	19.2	13.1	21.0	25.1
Versuchs-Streuung	9.2	8.4	3.9	9.2	11.0
FG Fehlerterm	80.0	24.0	8.0	24.0	24.0
Anz. Beob.	11.0	3.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	39559.2	24	19.49 ***	1.65	0.0000
Anbauorte	308646.0	3	1216.65 ***	2.72	0.0000
WW Verf.*Anb.Orte	7877.3	72	1.29 ns	1.46	0.1308
Fehler	6765.0	80			
Insgesamt	362847.5	179			

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8566 Ellighausen TG
ES Albatros	123.1 -----	86.7 ----	112.5 ----	138.2 -----	154.9 -----
SY Talisman	109.2 -	80.0 --	97.5 -	114.7 -	144.5 ----
Figaro	133.9 -----	90.0 -----	145.0 -----	142.1 -----	158.5 -----
RGT Chromixx	120.2 ----	85.0 ----	122.5 ----	123.7 ---	149.5 ----
P8409	127.0 -----	95.0 -----	130.0 -----	124.4 ---	158.4 -----
Benedictio KWS	123.6 -----	93.3 -----	112.5 ----	125.7 ----	163.0 -----
P8307	127.9 -----	100.0 -----	120.0 ----	129.3 ----	162.2 -----
SY Pandoras	121.0 ----	93.3 -----	122.5 ----	124.4 ---	143.7 ----
Rancador	118.6 ----	91.7 -----	110.0 ---	124.7 ----	147.9 ----
Bernardino KWS	120.5 ----	81.7 ---	115.0 ----	132.5 -----	152.8 -----
KWS Fabiano	133.1 -----	96.7 -----	120.0 ----	148.9 -----	167.0 -----
DKC 3380	110.9 --	80.0 --	105.0 --	132.2 -----	126.6 -
SM G0308	109.5 -	83.3 ---	100.0 -	122.4 ---	132.4 --
KWS Iconico	134.1 -----	95.0 -----	135.0 -----	146.7 -----	159.6 -----
Dentrico	113.3 --	76.7 -	120.0 ----	118.8 --	137.8 ---
KXB7366	115.1 ---	78.3 -	115.0 ----	128.0 ----	138.9 ----
SM H0205	110.2 -	80.0 --	97.5 -	129.3 ----	133.9 --
SM F0166	108.6 -	80.0 --	97.5 -	119.8 --	137.0 ---
RH17045	116.2 ----	86.7 -----	115.0 ----	129.3 ----	133.7 --
RGT Colectixx	123.6 -----	85.0 ----	125.0 -----	133.2 -----	151.3 -----
SA0746	113.0 --	80.0 --	100.0 -	123.2 ---	148.9 -----
SY Calo	111.4 --	80.0 --	97.5 -	130.1 ----	137.8 ---
ES Metronom	123.8 -----	83.3 ---	135.0 -----	129.1 ----	147.6 -----
SY Telias	117.0 ----	83.3 ---	115.0 ----	125.5 ---	144.4 -----
Gottardo KWS	109.2 -	85.0 ----	100.0 -	120.7 --	130.9 --
-Bezugsgrösse(n)	123.6 -----	90.0 -----	126.3 -----	124.1 ---	153.9 -----
Versuchs-Mittel	119.0 ----	86.0 ----	114.6 ----	128.7 ----	146.5 -----
VK [%]	7.5	9.4	6.3	6.2	8.6
KGD (5%)	7.6	13.3	14.8	13.3	21.1
KGD (1%)	10.0	ns	20.0	18.1	ns
Versuchs-Streuung	9.0	8.1	7.2	7.9	12.5
FG Fehlerterm	120.0	48.0	24.0	24.0	24.0
Anz. Beob.	11.0	3.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	17270.8	24	8.96 ***	1.61	0.0000
Anbauorte	134741.7	3	559.36 ***	2.68	0.0000
WW Verf.*Anb.Orte	10120.9	72	1.75 **	1.40	0.0033
Fehler	9635.4	120			
Insgesamt	171768.8	219			

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8566 Ellighausen TG
ES Albatros	43.8 ----	38.3 ---	37.9 ----	48.0 -----	51.0 -----
SY Talisman	41.3 ---	39.7 ----	36.1 --	41.0 -	48.2 ----
Figaro	47.2 -----	41.3 ----	47.5 -----	48.4 -----	51.4 -----
RGT Chromixx	44.7 -----	39.8 ----	44.3 -----	43.8 ----	50.8 -----
P8409	48.2 -----	44.9 -----	48.6 -----	46.5 -----	53.0 -----
Benedictio KWS	44.0 -----	41.7 -----	40.2 ----	43.1 ---	50.9 -----
P8307	48.9 -----	47.3 -----	44.4 -----	50.0 -----	53.9 -----
SY Pandoras	42.1 ----	40.6 ----	39.5 ----	42.1 --	46.4 ----
Rancador	42.1 ----	40.4 ----	37.9 ----	42.8 ---	47.3 ----
Bernardino KWS	42.2 ----	36.4 -	39.4 ----	45.0 ----	48.0 ----
KWS Fabiano	45.3 -----	42.4 ----	39.3 ----	49.3 -----	49.9 -----
DKC 3380	39.8 -	36.4 -	35.9 --	44.3 ----	42.4 -
SM G0308	41.7 ---	41.3 ----	35.5 --	44.7 ----	45.5 ---
KWS Iconico	47.1 -----	42.9 -----	45.4 -----	49.6 -----	50.6 -----
Dentrico	43.0 ----	37.7 --	43.3 -----	44.2 ----	47.0 ----
KXB7366	41.2 ---	36.4 -	39.3 ----	44.1 ----	44.9 ---
SM H0205	40.6 --	37.8 --	33.3 -	45.8 -----	45.5 ---
SM F0166	39.0 -	36.0 -	33.6 -	41.5 -	44.9 ---
RH17045	46.3 -----	45.1 -----	43.0 -----	49.6 -----	47.6 ----
RGT Colectixx	46.5 -----	41.2 ----	44.6 -----	48.9 -----	51.4 -----
SA0746	41.9 ----	36.4 -	37.0 ---	44.6 ----	49.7 -----
SY Calo	44.9 -----	42.2 ----	38.2 ----	48.5 -----	50.8 -----
ES Metronom	43.3 ----	37.6 --	45.0 -----	43.3 ---	47.4 ----
SY Telias	46.0 -----	42.4 ----	44.2 -----	46.0 -----	51.4 -----
Gottardo KWS	40.9 --	39.9 ----	35.1 --	43.8 ----	44.6 --
-Bezugsgrösse(n)	46.5 -----	42.3 ----	46.5 -----	45.1 ----	51.9 -----
Versuchs-Mittel	43.7 ----	40.2 ----	40.3 ----	45.6 ----	48.6 ----
VK [%]	7.2	8.2	6.8	6.2	7.4
KGD (5%)	2.7	5.4	5.6	4.7	6.1
KGD (1%)	3.5	7.2	7.6	6.4	ns
Versuchs-Streuung	3.2	3.3	2.7	2.8	3.6
FG Fehlerterm	120.0	48.0	24.0	24.0	24.0
Anz. Beob.	11.0	3.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1966.2	24	8.17 ***	1.61	0.0000
Anbauorte	3481.1	3	115.77 ***	2.68	0.0000
WW Verf.*Anb.Orte	1000.5	72	1.39 ns	1.40	0.0569
Fehler	1202.7	120			
Insgesamt	7650.6	219			

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

Verfahren	Seriemittel	1567		8566	
			Delley FR		Ellighausen TG
ES Albatros	2.7 -----	4.5 -----	1.0 -		
SY Talisman	2.5 -----	4.0 -----	1.0 -		
Figaro	2.0 ----	3.0 ----	1.0 -		
RGT Chromixx	1.1 -	1.2 -	1.0 -		
P8409	1.5 --	1.9 --	1.0 -		
Benedictio KWS	1.7 ---	2.4 ---	1.0 -		
P8307	2.3 -----	3.6 -----	1.0 -		
SY Pandoras	2.1 ----	3.2 ----	1.0 -		
Rancador	3.2 -----	5.5 -----	1.0 -		
Bernardino KWS	2.8 -----	4.6 -----	1.0 -		
KWS Fabiano	3.0 -----	5.0 -----	1.0 -		
DKC 3380	1.5 --	2.0 --	1.0 -		
SM G0308	2.2 ----	3.4 ----	1.0 -		
KWS Iconico	1.2 -	1.3 -	1.0 -		
Dentrico	3.0 -----	4.4 -----	1.7 -----		
KXB7366	2.1 ----	3.1 ----	1.0 -		
SM H0205	1.4 --	1.8 --	1.0 -		
SM F0166	2.1 ----	3.1 ----	1.0 -		
RH17045	1.7 ---	2.0 ---	1.3 -----		
RGT Colectixx	1.5 ---	2.1 ---	1.0 -		
SA0746	3.0 -----	5.0 -----	1.0 -		
SY Calo	1.6 ---	2.1 ---	1.0 -		
ES Metronom	1.8 ----	2.7 ----	1.0 -		
SY Telias	1.9 ----	2.9 ----	1.0 -		
Gottardo KWS	1.9 ----	2.8 ----	1.0 -		
-Bezugsgrösse(n)	1.3 -	1.5 -	1.0 -		
Versuchs-Mittel	2.1 ----	3.1 ----	1.0 --		
VK [%]	27.9	34.3	24.9		
KGD (5%)	0.7	ns	ns		
KGD (1%)	1.0	ns	ns		
Versuchs-Streuung	0.6	1.1	0.3		
FG Fehlerterm	32.0	8.0	24.0		
Anz. Beob.	5.0	2.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	45.4	24	5.67 ***	1.86	0.0001
Anbauorte	132.6	1	397.70 ***	4.15	0.0000
WW Verf.*Anb.Orte	43.3	24	5.41 ***	1.86	0.0001
Fehler	10.7	32			
Insgesamt	232.0	81			

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

Verfahren	Seriemittel	1567		8566	
		Delley FR		Ellighausen TG	
ES Albatros	21.8	-----	43.7	-----	0.0 -
SY Talisman	18.6	-----	37.4	-----	-0.1 -
Figaro	12.4	----	25.0	----	-0.1 -
RGT Chromixx	1.0	-	2.0	-	0.1 -
P8409	5.6	--	11.1	--	0.1 -
Benedictio KWS	8.5	---	17.2	---	-0.3 -
P8307	16.0	-----	32.1	-----	-0.1 -
SY Pandoras	13.4	----	26.9	----	-0.1 -
Rancador	27.7	-----	55.7	-----	-0.3 -
Bernardino KWS	22.7	-----	45.2	-----	0.1 -
KWS Fabiano	24.8	-----	49.5	-----	0.1 -
DKC 3380	6.0	--	12.1	--	-0.1 -
SM G0308	15.3	-----	30.6	-----	0.0 -
KWS Iconico	2.2	-	4.0	-	0.3 -
Dentrico	25.3	-----	42.2	-----	8.3 -----
KXB7366	13.4	----	26.8	----	-0.1 -
SM H0205	5.3	--	10.6	--	-0.1 -
SM F0166	13.4	----	26.5	----	0.3 -
RH17045	8.5	---	12.9	---	4.2 -----
RGT Colectixx	6.8	---	13.7	---	-0.1 -
SA0746	25.2	-----	50.3	-----	0.0 -
SY Calo	7.0	---	14.0	---	0.0 -
ES Metronom	10.5	----	20.8	----	0.2 -
SY Telias	11.9	----	23.5	----	0.3 -
Gottardo KWS	11.1	----	22.4	----	-0.2 -
-Bezugsgrösse(n)	3.3	-	6.6	-	0.1 -
Versuchs-Mittel	13.4	----	26.3	----	0.5 --
VK [%]	54.0		50.7		646.8
KGD (5%)	9.3		ns		ns
KGD (1%)	12.5		ns		ns
Versuchs-Streuung	7.2		13.3		3.2
FG Fehlerterm	32.0		8.0		24.0
Anz. Beob.	5.0		2.0		3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	7093.2	24	5.67 ***	1.86	0.0001
Anbauorte	20720.7	1	397.70 ***	4.15	0.0000
WW Verf.*Anb.Orte	6767.3	24	5.41 ***	1.86	0.0001
Fehler	1667.2	32			
Insgesamt	36248.4	81			

Plantes cassées pendant la végétation [note] / Stängelbruch Vegetation [Note]

Verfahren	Seriemittel	8046		8566	
		Reckenholz ZH		Ellighausen TG	
ES Albatros	1.4 -----	1.8 -----	1.0 -		
SY Talisman	1.3 ----	1.3 ---	1.3 -----		
Figaro	1.3 ----	1.7 ----	1.0 -		
RGT Chromixx	1.1 --	1.2 --	1.0 -		
P8409	1.2 ---	1.4 ---	1.0 -		
Benedictio KWS	1.3 ----	1.3 ---	1.2 -----		
P8307	1.8 -----	2.5 -----	1.0 -		
SY Pandoras	1.4 -----	1.8 -----	1.0 -		
Rancador	1.3 ----	1.7 ----	1.0 -		
Bernardino KWS	1.3 ----	1.5 ----	1.0 -		
KWS Fabiano	1.3 ----	1.7 ----	1.0 -		
DKC 3380	1.2 ---	1.3 ---	1.0 -		
SM G0308	1.0 -	1.1 -	1.0 -		
KWS Iconico	1.2 ---	1.3 ---	1.0 -		
Dentrico	1.4 -----	1.5 ----	1.3 -----		
KXB7366	1.3 ----	1.7 ----	1.0 -		
SM H0205	1.0 -	1.0 -	1.0 -		
SM F0166	1.0 -	1.0 -	1.0 -		
RH17045	1.3 ----	1.2 --	1.3 -----		
RGT Colectixx	1.3 ----	1.7 ----	1.0 -		
SA0746	1.3 ----	1.3 ---	1.2 -----		
SY Calo	1.0 -	1.0 -	1.0 -		
ES Metronom	1.0 -	1.0 -	1.0 -		
SY Telias	1.2 ---	1.3 ---	1.0 -		
Gottardo KWS	1.0 -	1.0 -	1.0 -		
-Bezugsgrösse(n)	1.2 ---	1.3 ---	1.0 -		
Versuchs-Mittel	1.2 ----	1.4 ---	1.1 --		
VK [%]	31.1	34.9	21.5		
KGD (5%)	ns	ns	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	0.4	0.5	0.2		
FG Fehlerterm	96.0	48.0	48.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	4.6	24	1.30 ns	1.63	0.1834
Anbauorte	4.8	1	32.61 ***	3.93	0.0000
WW Verf.*Anb.Orte	5.3	24	1.50 ns	1.63	0.0878
Fehler	14.2	96			
Insgesamt	29.0	145			

Planten cassées pendant la végétation [%] / Stängelbruch Vegetation [%]

Verfahren	Seriemittel	8046		8566	
		Reckenholz ZH		Ellighausen TG	
ES Albatros	5.2	-----	10.4	-----	0.0 -
SY Talisman	4.2	----	4.2	---	4.2 -----
Figaro	4.2	----	8.3	----	0.0 -
RGT Chromixx	1.5	--	2.9	--	0.0 -
P8409	2.5	---	5.0	---	0.0 -
Benedictio KWS	3.5	----	4.2	---	2.9 -----
P8307	9.4	-----	18.8	-----	0.0 -
SY Pandoras	5.2	-----	10.4	-----	0.0 -
Rancador	4.2	----	8.3	----	0.0 -
Bernardino KWS	3.1	----	6.3	----	0.0 -
KWS Fabiano	4.2	----	8.3	----	0.0 -
DKC 3380	2.1	---	4.2	---	0.0 -
SM G0308	0.4	-	0.8	-	0.0 -
KWS Iconico	2.1	---	4.2	---	0.0 -
Dentrico	5.2	-----	6.3	----	4.2 -----
KXB7366	4.2	----	8.3	----	0.0 -
SM H0205	0.0	-	0.0	-	0.0 -
SM F0166	0.0	-	0.0	-	0.0 -
RH17045	3.1	----	2.1	--	4.2 -----
RGT Colectixx	4.2	----	8.3	----	0.0 -
SA0746	3.1	----	4.2	---	2.1 -----
SY Calo	0.0	-	0.0	-	0.0 -
ES Metronom	0.0	-	0.0	-	0.0 -
SY Telias	2.1	---	4.2	---	0.0 -
Gottardo KWS	0.0	-	0.0	-	0.0 -
-Bezugsgrösse(n)	2.0	---	4.0	---	0.0 -
Versuchs-Mittel	2.9	----	5.2	---	0.7 --
VK [%]	163.4		119.2		406.1
KGD (5%)	ns		ns		ns
KGD (1%)	ns		ns		ns
Versuchs-Streuung	4.8		6.2		2.8
FG Fehlerterm	96.0		48.0		48.0
Anz. Beob.	6.0		3.0		3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	723.1	24	1.30 ns	1.63	0.1834
Anbauorte	753.8	1	32.61 ***	3.93	0.0000
WW Verf.*Anb.Orte	829.8	24	1.50 ns	1.63	0.0878
Fehler	2219.2	96			
Insgesamt	4525.9	145			

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

Verfahren	Seriemittel	1567 Delley FR	8046 Reckenholz ZH	8566 Ellighausen TG
ES Albatros	1.4 --	1.5 ---	1.6 --	1.1 --
SY Talisman	2.3 -----	1.5 ---	4.1 -----	1.3 -----
Figaro	1.7 ---	2.0 -----	2.0 --	1.0 -
RGT Chromixx	1.1 -	1.0 -	1.3 -	1.0 -
P8409	1.2 -	1.5 ---	1.2 -	1.0 -
Benedictio KWS	1.6 ---	2.0 -----	1.7 --	1.2 ---
P8307	2.4 -----	3.5 -----	2.6 ---	1.1 --
SY Pandoras	1.4 --	1.5 ---	1.7 --	1.1 --
Rancador	2.1 -----	2.5 -----	2.9 -----	1.0 -
Bernardino KWS	2.7 -----	2.5 -----	4.4 -----	1.1 --
KWS Fabiano	2.0 -----	2.5 -----	2.4 ---	1.1 --
DKC 3380	1.4 --	1.5 ---	1.6 --	1.0 -
SM G0308	1.4 --	2.0 -----	1.2 -	1.0 -
KWS Iconico	1.3 -	1.0 -	1.5 -	1.4 -----
Dentrico	2.0 -----	2.0 -----	2.1 ---	1.7 -----
KXB7366	2.8 -----	3.5 -----	3.9 -----	1.0 -
SM H0205	1.3 --	1.5 ---	1.5 -	1.0 -
SM F0166	1.2 -	1.5 ---	1.0 -	1.0 -
RH17045	1.3 -	1.5 ---	1.0 -	1.4 -----
RGT Colectixx	1.3 -	1.5 ---	1.3 -	1.0 -
SA0746	3.2 -----	1.5 ---	7.0 -----	1.2 ---
SY Calo	1.2 -	1.5 ---	1.2 -	1.0 -
ES Metronom	1.5 ---	1.5 ---	1.7 --	1.3 -----
SY Telias	2.3 -----	1.5 ---	4.5 -----	1.0 -
Gottardo KWS	1.3 --	1.5 ---	1.4 -	1.1 --
-Bezugsgrösse(n)	1.2 -	1.3 --	1.2 -	1.0 -
Versuchs-Mittel	1.7 ---	1.8 ---	2.3 ---	1.1 --
VK [%]	42.5	40.6	52.4	29.6
KGD (5%)	0.7	ns	2.0	ns
KGD (1%)	1.0	ns	2.7	ns
Versuchs-Streuung	0.7	0.7	1.2	0.3
FG Fehlerterm	96.0	24.0	24.0	48.0
Anz. Beob.	8.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	67.2	24	5.14 ***	1.63	0.0000
Anbauorte	44.5	2	40.88 ***	3.09	0.0000
WW Verf.*Anb.Orte	98.2	48	3.76 ***	1.49	0.0000
Fehler	52.3	96			
Insgesamt	262.2	170			

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

Verfahren	Seriemittel	1567 Delley FR	8046 Reckenholz ZH	8566 Ellighausen TG
ES Albatros	5.0 --	6.3 ---	7.8 --	0.8 --
SY Talisman	16.4 -----	6.3 ---	38.8 -----	4.2 -----
Figaro	8.3 ---	12.5 -----	12.5 --	0.0 -
RGT Chromixx	1.3 -	0.0 -	4.0 -	0.0 -
P8409	2.8 -	6.3 ---	2.2 -	0.0 -
Benedictio KWS	7.6 ---	12.5 -----	8.3 --	2.1 ---
P8307	17.8 -----	31.3 -----	20.6 ---	1.7 --
SY Pandoras	5.1 --	6.3 ---	8.1 --	0.8 --
Rancador	14.2 -----	18.8 -----	23.9 -----	0.0 -
Bernardino KWS	21.1 -----	18.8 -----	42.8 -----	1.7 --
KWS Fabiano	12.2 -----	18.8 -----	17.0 ---	0.8 --
DKC 3380	4.7 --	6.3 ---	7.7 --	0.0 -
SM G0308	5.0 --	12.5 -----	2.4 -	0.0 -
KWS Iconico	3.6 -	0.0 -	5.9 -	5.0 -----
Dentrico	11.9 -----	12.5 -----	14.2 ---	9.2 -----
KXB7366	22.3 -----	31.3 -----	35.7 -----	0.0 -
SM H0205	4.1 --	6.3 ---	6.2 -	0.0 -
SM F0166	2.1 -	6.3 ---	-0.0 -	0.0 -
RH17045	3.5 -	6.3 ---	-0.6 -	5.0 -----
RGT Colectixx	3.5 -	6.3 ---	4.2 -	0.0 -
SA0746	27.8 -----	6.3 ---	75.2 -----	2.1 ---
SY Calo	2.8 -	6.3 ---	2.1 -	0.0 -
ES Metronom	6.6 ---	6.3 ---	9.3 --	4.2 -----
SY Telias	16.7 -----	6.3 ---	43.8 -----	0.0 -
Gottardo KWS	3.9 --	6.3 ---	4.6 -	0.8 --
-Bezugsgrösse(n)	2.1 -	3.1 --	3.1 -	0.0 -
Versuchs-Mittel	9.2 ---	10.3 ---	15.9 ---	1.5 --
VK [%]	100.1	90.0	93.6	271.0
KGD (5%)	9.2	ns	25.0	ns
KGD (1%)	12.1	ns	33.9	ns
Versuchs-Streuung	9.2	9.2	14.9	4.2
FG Fehlerterm	96.0	24.0	24.0	48.0
Anz. Beob.	8.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10493.2	24	5.14 ***	1.63	0.0000
Anbauorte	6954.9	2	40.88 ***	3.09	0.0000
WW Verf.*Anb.Orte	15349.4	48	3.76 ***	1.49	0.0000
Fehler	8165.4	96			
Insgesamt	40962.9	170			

Fusariose [note] / Stängelfäule [Note]

Verfahren	Seriemittel	8046		8566	
		Reckenholz ZH		Ellighausen TG	
ES Albatros	1.7 -	2.5 -	0.9 -		
SY Talisman	4.0 -----	5.9 -----	2.2 -----		
Figaro	1.6 -	2.1 -	1.0 -		
RGT Chromixx	1.9 -	2.9 --	0.9 -		
P8409	4.9 -----	6.8 -----	3.0 -----		
Benedictio KWS	3.8 -----	5.7 -----	1.9 -----		
P8307	4.4 -----	6.1 -----	2.7 -----		
SY Pandoras	3.0 ----	4.4 ----	1.7 ----		
Rancador	4.4 -----	7.1 -----	1.6 ----		
Bernardino KWS	4.9 -----	8.4 -----	1.4 ----		
KWS Fabiano	3.4 -----	5.1 -----	1.7 ----		
DKC 3380	3.1 ----	4.3 ----	1.9 -----		
SM G0308	2.2 --	3.4 ---	0.9 -		
KWS Iconico	3.1 ----	4.7 ----	1.5 ----		
Dentrico	3.4 -----	4.9 -----	1.9 -----		
KXB7366	2.4 ---	3.7 ---	1.1 --		
SM H0205	2.5 ---	3.9 ---	1.1 --		
SM F0166	3.1 ----	4.7 ----	1.6 ----		
RH17045	2.5 ---	3.5 ---	1.5 ----		
RGT Colectixx	2.6 ----	4.1 ----	1.1 --		
SA0746	4.6 -----	7.5 -----	1.7 ----		
SY Calo	2.1 --	3.2 --	1.0 -		
ES Metronom	2.0 --	2.7 -	1.4 ----		
SY Telias	3.5 -----	5.6 -----	1.3 ----		
Gottardo KWS	3.1 ----	5.0 ----	1.2 --		
-Bezugsgrösse(n)	3.4 -----	4.8 -----	2.0 -----		
Versuchs-Mittel	3.1 ----	4.7 ----	1.5 ----		
VK [%]	41.8	36.9	40.0		
KGD (5%)	1.5	2.9	1.0		
KGD (1%)	2.0	ns	ns		
Versuchs-Streuung	1.3	1.7	0.6		
FG Fehlerterm	48.0	24.0	24.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	143.4	24	3.48 ***	1.75	0.0003
Anbauorte	384.0	1	223.65 ***	4.04	0.0000
WW Verf.*Anb.Orte	69.1	24	1.68 ns	1.75	0.0633
Fehler	82.4	48			
Insgesamt	678.9	97			

Fusariose [%] / Stängelfäule [%]

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	8046 Reckenholz ZH	8566 Ellighausen TG
ES Albatros	4.4 -	0.0 -	0.0 --	19.2 -	-1.4 -
SY Talisman	19.1 -----	0.4 -----	0.6 -----	60.9 -----	14.4 -----
Figaro	3.7 -	0.0 -	-0.1 -	14.3 -	0.5 -
RGT Chromixx	5.6 --	0.4 -----	-0.0 --	23.3 --	-1.1 -
P8409	24.4 -----	0.0 -	-0.1 -	72.5 -----	25.2 -----
Benedictio KWS	17.5 -----	0.0 -	-0.1 --	59.1 -----	10.8 -----
P8307	21.3 -----	0.0 -	0.0 ---	63.5 -----	21.8 -----
SY Pandoras	12.8 ----	0.0 -	0.0 ---	42.8 ----	8.2 ----
Rancador	21.4 -----	0.0 -	0.6 -----	76.8 -----	8.1 ----
Bernardino KWS	24.6 -----	0.4 -----	0.1 ----	92.7 -----	5.1 ----
KWS Fabiano	15.1 -----	0.7 -----	0.1 ---	51.3 ----	8.2 ----
DKC 3380	13.2 ----	0.0 -	0.0 ---	40.9 ----	11.8 -----
SM G0308	7.5 --	0.0 -	0.7 -----	30.1 ---	-0.7 -
KWS Iconico	13.0 ----	0.0 -	-0.0 --	46.4 ----	5.8 ---
Dentrico	15.0 -----	0.0 -	0.1 ---	48.2 ----	11.7 -----
KXB7366	9.0 ---	0.0 -	0.0 --	34.3 ---	1.8 --
SM H0205	9.3 ---	0.0 -	-0.1 -	35.9 ---	1.5 --
SM F0166	13.4 ----	0.4 -----	-0.0 --	46.0 ----	7.3 ----
RH17045	9.5 ---	0.0 -	0.1 ---	31.3 ---	6.8 ----
RGT Colectixx	10.0 ----	0.0 -	0.1 ----	38.9 ----	1.2 --
SA0746	22.6 -----	0.4 -----	0.0 --	81.8 -----	8.3 ----
SY Calo	7.0 --	0.4 -----	-0.1 -	28.0 --	-0.3 -
ES Metronom	6.3 --	0.0 -	-0.1 -	20.8 -	4.5 ---
SY Telias	15.6 -----	0.0 -	0.0 --	58.1 -----	4.4 ---
Gottardo KWS	13.1 ----	0.0 -	0.1 ----	49.5 ----	3.0 --
-Bezugsgrösse(n)	15.0 -----	0.2 ---	-0.1 --	47.9 -----	12.0 -----
Versuchs-Mittel	13.4 ----	0.1 --	0.1 ---	46.7 ----	6.7 ----
VK [%]	83.2	294.4	340.3	46.8	115.0
KGD (5%)	9.4	ns	ns	36.8	12.9
KGD (1%)	12.5	ns	ns	ns	ns
Versuchs-Streuung	11.1	0.4	0.2	21.9	7.7
FG Fehlerterm	104.0	48.0	8.0	24.0	24.0
Anz. Beob.	11.0	3.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10344.8	24	3.48 ***	1.62	0.0002
Anbauorte	103532.6	3	278.56 ***	2.69	0.0000
WW Verf.*Anb.Orte	20100.2	72	2.25 ***	1.42	0.0005
Fehler	12884.4	104			
Insgesamt	146861.9	203			

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel		1260 Nyon		1725 Grangeneuve	
ES Albatros	0.4	-	0.6	--	0.2	-
SY Talisman	1.6	-	1.2	---	2.0	-
Figaro	0.1	-	0.7	--	-0.6	-
RGT Chromixx	1.7	-	0.7	--	2.8	-
P8409	2.2	-	2.2	----	2.1	-
Benedictio KWS	2.0	-	0.1	--	3.9	-
P8307	5.5	--	5.0	-----	6.1	--
SY Pandoras	1.6	-	1.1	---	2.2	-
Rancador	3.5	--	1.9	----	5.2	--
Bernardino KWS	0.0	-	0.2	--	-0.2	-
KWS Fabiano	5.0	--	2.1	----	7.8	--
DKC 3380	1.9	-	0.0	-	3.8	-
SM G0308	0.3	-	-0.4	-	1.0	-
KWS Iconico	3.6	--	1.3	---	5.9	--
Dentrico	3.5	--	2.9	----	4.2	-
KXB7366	18.7	-----	7.3	-----	30.2	-----
SM H0205	3.2	--	2.7	----	3.7	-
SM F0166	2.0	-	1.9	----	2.1	-
RH17045	-0.3	-	-0.7	-	0.1	-
RGT Colectixx	-0.9	-	-0.1	-	-1.7	-
SA0746	1.2	-	1.5	---	0.9	-
SY Calo	1.9	-	4.1	-----	-0.3	-
ES Metronom	6.4	---	5.8	-----	6.9	--
SY Telias	6.2	---	6.8	-----	5.7	--
Gottardo KWS	34.2	-----	-0.1	-	68.5	-----
-Bezugsgrösse(n)	2.0	-	1.4	---	2.5	-
Versuchs-Mittel	4.2	--	2.0	----	6.5	--
VK [%]	43.8		93.3		29.8	
KGD (5%)	2.4		3.1		4.5	
KGD (1%)	3.2		4.2		6.5	
Versuchs-Streuung	1.9		1.8		1.9	
FG Fehlerterm	32.0		24.0		8.0	
Anz. Beob.	5.0		3.0		2.0	

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	6432.6	24	77.91 ***	1.86	0.0000
Anbauorte	644.7	1	187.40 ***	4.15	0.0000
WW Verf.*Anb.Orte	6060.6	24	73.40 ***	1.86	0.0000
Fehler	110.1	32			
Insgesamt	13248.1	81			

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

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve
ES Albatros	7.4 -----	8.3 -----	6.5 -----
SY Talisman	3.3 -	5.4 ---	1.2 --
Figaro	5.6 ---	8.9 -----	2.3 ---
RGT Chromixx	3.5 -	5.1 ---	1.9 ---
P8409	7.5 -----	7.7 -----	7.3 -----
Benedictio KWS	6.1 ----	10.7 -----	1.5 --
P8307	4.5 ---	6.7 ----	2.4 ---
SY Pandoras	3.6 -	3.0 -	4.3 -----
Rancador	8.3 -----	13.0 -----	3.6 ----
Bernardino KWS	7.7 -----	11.5 -----	3.8 ----
KWS Fabiano	6.2 -----	10.1 -----	2.4 ----
DKC 3380	4.6 ---	8.7 -----	0.6 -
SM G0308	9.5 -----	10.6 -----	8.3 -----
KWS Iconico	3.1 -	2.7 -	3.5 ----
Dentrico	7.9 -----	8.4 ----	7.4 -----
KXB7366	6.2 ----	12.3 -----	0.0 -
SM H0205	4.4 ---	7.1 ----	1.8 ---
SM F0166	6.4 -----	7.6 ----	5.2 -----
RH17045	5.8 ----	9.8 -----	1.7 ---
RGT Colectixx	5.5 ----	9.1 -----	1.9 ---
SA0746	4.7 ---	5.8 ----	3.6 -----
SY Calo	3.5 -	3.2 -	3.8 -----
ES Metronom	3.5 -	5.8 ----	1.2 --
SY Telias	3.9 --	7.3 ----	0.6 -
Gottardo KWS	6.8 -----	9.3 -----	4.2 -----
-Bezugsgrösse(n)	5.5 ----	6.4 ----	4.6 -----
Versuchs-Mittel	5.6 ----	7.9 -----	3.2 ----
VK [%]	69.2	52.4	98.4
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	3.9	4.2	3.2
FG Fehlerterm	72.0	48.0	24.0
Anz. Beob.	5.0	3.0	2.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	387.8	24	1.08 ns	1.67	0.3842
Anbauorte	687.7	1	46.09 ***	3.97	0.0000
WW Verf.*Anb.Orte	386.2	24	1.08 ns	1.67	0.3887
Fehler	1074.3	72			
Insgesamt	2536.0	121			

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
ES Albatros	2.5	----	2.5	----
SY Talisman	1.5	--	1.5	--
Figaro	3.0	-----	3.0	-----
RGT Chromixx	1.0	-	1.0	-
P8409	1.5	--	1.5	--
Benedictio KWS	2.0	---	2.0	---
P8307	5.0	-----	5.0	-----
SY Pandoras	1.0	-	1.0	-
Rancador	3.5	-----	3.5	-----
Bernardino KWS	3.0	-----	3.0	-----
KWS Fabiano	4.0	-----	4.0	-----
DKC 3380	1.0	-	1.0	-
SM G0308	3.5	-----	3.5	-----
KWS Iconico	1.5	--	1.5	--
Dentrico	2.5	----	2.5	----
KXB7366	4.0	-----	4.0	-----
SM H0205	2.5	----	2.5	----
SM F0166	2.0	---	2.0	---
RH17045	1.0	-	1.0	-
RGT Colectixx	1.0	-	1.0	-
SA0746	2.5	----	2.5	----
SY Calo	1.0	-	1.0	-
ES Metronom	2.0	---	2.0	---
SY Telias	1.5	--	1.5	--
Gottardo KWS	1.0	-	1.0	-
-Bezugsgrösse(n)	1.3	-	1.3	-
Versuchs-Mittel	2.2	----	2.2	----
VK [%]	38.2		38.2	
KGD (5%)	1.7		1.7	
KGD (1%)	2.3		2.3	
Versuchs-Streuung	0.8		0.8	
FG Fehlerterm	24.0		24.0	
Anz. Beob.	2.0		2.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	8.6 ----	8.4 -----	7.8 -	7.8 ----	8.3 ---
SY Talisman	8.8 -----	8.4 -----	7.8 -	8.6 -----	8.8 -----
Figaro	8.9 -----	8.6 -----	7.8 -	8.8 -----	9.2 -----
RGT Chromixx	8.5 ----	8.2 ----	7.8 -	7.6 ----	8.6 ----
P8409	8.9 -----	8.6 -----	7.8 -	8.8 -----	9.0 -----
Benedictio KWS	8.2 -	8.1 ----	7.8 -	7.1 -	7.9 -
P8307	8.8 -----	8.4 -----	7.8 -	8.4 -----	8.8 -----
SY Pandoras	8.8 -----	8.7 -----	7.8 -	8.4 -----	9.0 -----
Rancador	8.6 ----	8.4 -----	7.8 -	8.2 -----	8.4 -----
Bernardino KWS	8.6 ----	8.2 ----	7.8 -	8.2 -----	8.3 ----
KWS Fabiano	8.7 -----	9.0 -----	7.8 -	8.0 -----	8.6 -----
DKC 3380	8.4 ---	7.7 -	7.8 -	8.3 -----	8.5 -----
SM G0308	8.9 -----	8.8 -----	7.8 -	8.4 -----	8.8 -----
KWS Iconico	8.8 -----	8.8 -----	7.8 -	8.6 -----	8.5 -----
Dentrico	8.8 -----	8.8 -----	7.8 -	8.2 -----	8.8 -----
KXB7366	8.9 -----	8.7 -----	7.8 -	8.6 -----	8.7 -----
SM H0205	8.7 -----	8.6 -----	7.8 -	8.1 -----	8.6 -----
SM F0166	8.6 ----	8.3 ----	7.8 -	7.9 ----	8.3 ---
RH17045	9.0 -----	8.7 -----	7.8 -	8.5 -----	9.2 -----
RGT Colectixx	8.7 ----	8.4 -----	7.8 -	8.0 -----	8.6 -----
SA0746	8.5 ----	8.5 -----	7.8 -	8.1 -----	8.5 -----
SY Calo	8.7 ----	8.5 -----	7.8 -	8.0 -----	8.5 -----
ES Metronom	8.6 ----	7.9 --	7.8 -	8.1 -----	8.6 -----
SY Telias	8.6 ----	8.6 -----	7.8 -	8.0 ----	8.5 ----
Gottardo KWS	8.8 -----	8.6 -----	7.8 -	8.5 -----	8.5 ----
-Bezugsgrösse(n)	8.7 -----	8.4 -----	7.8 -	8.2 -----	8.8 -----
Versuchs-Mittel	8.7 -----	8.5 -----	7.8 -	8.2 -----	8.6 -----
VK [%]	3.2	3.8	0.0	4.0	3.5
KGD (5%)	0.2	0.5	0.0	ns	0.5
KGD (1%)	0.3	0.7	0.0	ns	0.7
Versuchs-Streuung	0.3	0.3	0.0	0.3	0.3
FG Fehlerterm	152.0	48.0	24.0	8.0	24.0
Anz. Beob.	16.0	3.0	2.0	2.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	11.8	24	6.21 ***	1.59	0.0000
Anbauorte	171.4	5	432.88 ***	2.28	0.0000
WW Verf.*Anb.Orte	17.5	120	1.84 ***	1.33	0.0009
Fehler	12.0	152			
Insgesamt	212.7	301			

Densité [plantés/m²] / Bestandesdichte [Pflanzen/m²]

Verfahren	8046		8566	
	Reckenholz ZH		Ellighausen TG	
ES Albatros	9.4	-----	9.9	-----
SY Talisman	9.6	-----	9.5	-
Figaro	9.6	-----	9.6	-
RGT Chromixx	9.1	----	9.7	-----
P8409	9.3	-----	9.7	-----
Benedictio KWS	8.6	-	9.6	----
P8307	9.4	-----	9.7	-----
SY Pandoras	9.0	---	9.7	-----
Rancador	9.2	-----	9.6	-
Bernardino KWS	9.3	-----	9.6	---
KWS Fabiano	9.3	-----	9.7	-----
DKC 3380	8.6	-	9.6	--
SM G0308	9.7	-----	9.8	-----
KWS Iconico	9.6	-----	9.7	-----
Dentrico	9.6	-----	9.7	-----
KXB7366	9.8	-----	9.9	-----
SM H0205	9.5	-----	9.7	-----
SM F0166	9.7	-----	9.7	-----
RH17045	10.1	-----	9.6	--
RGT Colectixx	9.7	-----	9.5	-
SA0746	8.7	-	9.6	-
SY Calo	9.4	-----	9.7	----
ES Metronom	9.3	-----	9.7	-----
SY Telias	9.1	----	9.8	-----
Gottardo KWS	9.9	-----	9.7	----
-Bezugsgrösse(n)	9.2	----	9.7	-----
Versuchs-Mittel	9.4	-----	9.7	----
VK [%]	4.0		1.7	
KGD (5%)	0.6		ns	
KGD (1%)	0.8		ns	
Versuchs-Streuung	0.4		0.2	
FG Fehlerterm	24.0		24.0	
Anz. Beob.	3.0		3.0	

Rendement grain (14% H₂O) [dt/ha] / Kornertrag (14% H₂O) [dt/ha]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	133.9 -	120.0 ----	111.1 -	149.7 ----	127.9 -
SY Talisman	142.2 ----	128.5 ----	113.6 --	158.7 ----	136.2 ----
Figaro	133.6 -	108.7 -	111.6 -	151.7 ----	131.9 --
RGT Chromixx	144.1 ----	114.1 --	126.0 ----	160.8 ----	146.3 ----
P8409	145.1 ----	119.3 ----	121.2 ----	158.1 ----	146.1 ----
Benedictio KWS	141.6 ----	122.5 ----	119.9 ----	140.6 ---	140.1 ----
P8307	147.5 ----	115.1 ---	117.2 ---	164.5 ----	148.4 ----
SY Pandoras	146.3 ----	129.6 ----	130.6 ----	165.9 ----	136.3 ----
Rancador	144.6 ----	117.0 ---	116.3 ---	151.7 ----	145.2 ----
Bernardino KWS	144.6 ----	129.5 ----	110.6 -	159.9 ----	145.4 ----
KWS Fabiano	140.9 ----	121.0 ----	114.5 --	162.4 ----	143.0 ----
DKC 3380	146.3 ----	134.7 ----	125.7 ----	163.1 ----	136.2 ----
SM G0308	133.1 -	124.4 ----	113.1 --	143.0 ---	132.8 --
KWS Iconico	151.8 ----	119.1 ----	137.3 ----	168.6 ----	156.3 ----
Dentrico	145.8 ----	131.3 ----	119.1 ----	165.7 ----	139.7 ----
KXB7366	150.1 ----	127.8 ----	117.5 ---	165.9 ----	154.9 ----
SM H0205	146.3 ----	121.5 ----	121.8 ----	167.4 ----	139.5 ----
SM F0166	147.3 ----	126.4 ----	118.8 ----	171.9 ----	145.4 ----
RH17045	136.9 ---	132.2 ----	112.0 -	132.0 -	143.4 ----
RGT Colectixx	139.3 ----	127.4 ----	116.4 ---	157.5 ----	135.2 ---
SA0746	140.9 ----	125.1 ----	113.6 --	156.6 ----	140.2 ----
SY Calo	147.1 ----	126.4 ----	129.8 ----	160.3 ----	144.6 ----
ES Metronom	136.4 --	116.7 ----	120.6 ----	150.4 ----	131.7 --
SY Telias	146.9 ----	125.7 ----	116.6 ---	166.9 ----	144.1 ----
Gottardo KWS	145.1 ----	132.1 ----	114.8 --	162.2 ----	146.5 ----
-Bezugsgrösse(n)	144.6 ----	116.7 ---	123.6 ----	159.5 ----	146.2 ----
Versuchs-Mittel	143.1 ----	123.9 ----	118.8 ----	158.2 ----	141.5 ----
VK [%]	4.5	5.7	7.3	5.8	3.5
KGD (5%)	4.5	11.8	ns	19.0	8.3
KGD (1%)	5.9	ns	ns	ns	11.3
Versuchs-Streuung	6.4	7.0	8.6	9.2	5.0
FG Fehlerterm	128.0	24.0	8.0	24.0	24.0
Anz. Beob.	16.0	3.0	2.0	2.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10057.2	24	10.29 ***	1.60	0.0000
Anbauorte	173673.7	5	852.99 ***	2.29	0.0000
WW Verf.*Anb.Orte	14824.8	120	3.03 ***	1.34	0.0001
Fehler	5212.3	128			
Insgesamt	203768.0	277			

Rendement grain (14% H₂O) [dt/ha] / Kornertrag (14% H₂O) [dt/ha]

Verfahren	8046		8566	
	Reckenholz ZH		Ellighausen TG	
ES Albatros	133.5	-----	161.1	-
SY Talisman	140.0	-----	176.4	----
Figaro	127.6	----	170.4	----
RGT Chromixx	132.1	-----	184.9	-----
P8409	147.1	-----	178.5	----
Benedictio KWS	138.1	-----	188.5	-----
P8307	137.1	-----	202.3	-----
SY Pandoras	139.4	-----	176.2	----
Rancador	136.5	-----	201.2	-----
Bernardino KWS	129.5	----	192.8	-----
KWS Fabiano	130.6	----	174.0	----
DKC 3380	139.1	-----	179.0	----
SM G0308	128.0	----	157.2	-
KWS Iconico	146.3	-----	183.1	----
Dentrico	141.4	-----	177.9	----
KXB7366	143.1	-----	191.4	-----
SM H0205	143.8	-----	183.4	----
SM F0166	135.8	-----	185.2	-----
RH17045	130.8	----	171.1	----
RGT Colectixx	119.3	-	179.7	----
SA0746	131.0	----	178.9	----
SY Calo	144.4	-----	177.4	----
ES Metronom	133.2	-----	165.4	--
SY Telias	144.2	-----	183.9	----
Gottardo KWS	133.8	-----	181.2	----
-Bezugsgrösse(n)	139.6	-----	181.7	----
Versuchs-Mittel	136.2	-----	180.0	----
VK [%]	3.8		1.5	
KGD (5%)	8.7		4.4	
KGD (1%)	11.8		6.0	
Versuchs-Streuung	5.2		2.6	
FG Fehlerterm	24.0		24.0	
Anz. Beob.	3.0		3.0	

Rendement relativ [%] / Relativertrag [%]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	93.6 -	103.6 ----	95.2 -	93.9 ----	86.6 -
SY Talisman	99.2 -----	111.0 -----	97.3 --	99.5 -----	92.2 ----
Figaro	92.9 -	93.9 -	95.7 -	95.1 ----	89.3 --
RGT Chromixx	100.2 -----	98.6 ---	108.0 -----	100.9 -----	99.1 -----
P8409	101.1 -----	103.0 ----	103.8 ----	99.1 ----	98.9 -----
Benedictio KWS	98.7 ----	105.8 -----	102.8 ----	88.2 ---	94.8 ----
P8307	101.9 -----	99.5 ---	100.5 ---	103.2 -----	100.5 -----
SY Pandoras	102.5 -----	111.9 -----	112.0 -----	104.0 -----	92.3 ----
Rancador	100.1 ----	101.0 ---	99.7 ---	95.1 ----	98.3 -----
Bernardino KWS	100.4 ----	111.9 -----	94.8 -	100.3 -----	98.4 -----
KWS Fabiano	98.1 ----	104.5 ----	98.2 --	101.8 -----	96.8 ----
DKC 3380	102.4 -----	116.4 -----	107.7 -----	102.3 -----	92.2 ----
SM G0308	93.4 -	107.5 -----	96.9 --	89.7 ---	89.9 --
KWS Iconico	105.9 -----	102.9 ----	117.7 -----	105.7 -----	105.8 -----
Dentrico	101.8 ----	113.4 -----	102.0 ----	103.9 -----	94.6 ----
KXB7366	104.3 -----	110.4 -----	100.7 ---	104.1 -----	104.9 -----
SM H0205	101.8 ----	105.0 ----	104.4 ----	105.0 -----	94.4 ----
SM F0166	102.4 -----	109.2 ----	101.8 ----	107.8 -----	98.4 ----
RH17045	96.0 ---	114.2 -----	96.0 -	82.8 -	97.1 ----
RGT Colectixx	97.1 ----	110.1 -----	99.8 ---	98.8 -----	91.5 ---
SA0746	98.1 ----	108.1 -----	97.4 --	98.2 -----	94.9 ----
SY Calo	103.0 -----	109.2 ----	111.3 -----	100.5 -----	97.9 ----
ES Metronom	95.4 ---	100.8 ----	103.3 ----	94.3 ----	89.2 --
SY Telias	102.2 -----	108.6 ----	100.0 ---	104.7 -----	97.6 ----
Gottardo KWS	101.2 ----	114.1 -----	98.4 --	101.7 -----	99.2 ----
-Bezugsgrösse(n)	100.6 -----	100.8 ----	105.9 ----	100.0 -----	99.0 -----
Versuchs-Mittel	99.8 ----	107.0 ----	101.8 ----	99.2 ----	95.8 ----
VK [%]	4.7	5.7	7.3	5.8	3.5
KGD (5%)	3.2	10.2	ns	11.9	5.6
KGD (1%)	4.3	ns	ns	ns	7.7
Versuchs-Streuung	4.6	6.0	7.4	5.8	3.4
FG Fehlerterm	128.0	24.0	8.0	24.0	24.0
Anz. Beob.	16.0	3.0	2.0	2.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	4581.8	24	8.86 ***	1.60	0.0000
Anbauorte	5863.2	5	54.43 ***	2.29	0.0000
WW Verf.*Anb.Orte	6987.5	120	2.70 ***	1.34	0.0001
Fehler	2757.7	128			
Insgesamt	20190.2	277			

Rendement relativ [%] / Relativertrag [%]

Verfahren	8046		8566	
	Reckenholz ZH		Ellighausen TG	
ES Albatros	94.0	-----	88.4	-
SY Talisman	98.6	-----	96.8	----
Figaro	89.8	----	93.5	----
RGT Chromixx	93.0	-----	101.5	-----
P8409	103.6	-----	98.0	----
Benedictio KWS	97.3	-----	103.4	-----
P8307	96.5	-----	111.0	-----
SY Pandoras	98.2	-----	96.6	----
Rancador	96.2	-----	110.4	-----
Bernardino KWS	91.2	----	105.8	-----
KWS Fabiano	91.9	----	95.5	----
DKC 3380	97.9	-----	98.2	----
SM G0308	90.2	----	86.2	-
KWS Iconico	103.0	-----	100.5	----
Dentrico	99.6	-----	97.6	----
KXB7366	100.8	-----	105.0	-----
SM H0205	101.3	-----	100.6	----
SM F0166	95.6	-----	101.6	----
RH17045	92.1	----	93.9	----
RGT Colectixx	84.0	-	98.6	-----
SA0746	92.2	----	98.1	----
SY Calo	101.7	-----	97.3	----
ES Metronom	93.8	-----	90.8	--
SY Telias	101.5	-----	100.9	-----
Gottardo KWS	94.2	-----	99.4	----
-Bezugsgrösse(n)	98.3	-----	99.7	-----
Versuchs-Mittel	95.9	-----	98.8	----
VK [%]	3.8		1.5	
KGD (5%)	6.2		2.4	
KGD (1%)	8.3		3.3	
Versuchs-Streuung	3.7		1.4	
FG Fehlerterm	24.0		24.0	
Anz. Beob.	3.0		3.0	

Précocité [% MS] / Fröhreife [% TS]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	1725 Grangeneuve	3065 Habstetten
ES Albatros	77.4 --	82.0 ----	78.1 --	73.6 ----	76.8 ----
SY Talisman	78.9 -----	83.0 -----	81.9 -----	72.5 --	77.1 ----
Figaro	77.9 --	81.9 --	81.7 -----	71.9 --	78.0 -----
RGT Chromixx	80.2 -----	83.7 -----	82.2 -----	77.3 -----	78.7 -----
P8409	79.9 -----	83.3 -----	82.3 -----	75.7 -----	77.9 -----
Benedictio KWS	79.5 -----	82.0 ----	81.8 -----	75.5 -----	77.8 -----
P8307	80.9 -----	83.9 -----	83.0 -----	77.5 -----	80.2 -----
SY Pandoras	77.0 -	83.3 -----	77.6 -	71.6 --	76.2 --
Rancador	77.7 --	81.1 -	80.4 -----	72.8 ----	76.3 --
Bernardino KWS	79.0 -----	82.6 -----	81.5 -----	73.5 ----	76.9 ----
KWS Fabiano	78.5 ----	83.0 -----	81.6 -----	73.3 ----	77.8 -----
DKC 3380	78.5 ----	83.5 -----	80.4 -----	73.9 ----	76.1 --
SM G0308	78.7 ----	83.5 -----	80.6 ----	74.9 -----	77.3 ----
KWS Iconico	76.8 -	81.3 -	78.8 --	70.6 -	75.8 --
Dentrico	79.8 -----	83.7 -----	81.9 -----	75.4 -----	78.3 -----
KXB7366	78.0 ----	82.7 -----	80.9 -----	74.1 -----	75.9 --
SM H0205	78.4 ----	83.0 -----	80.4 -----	74.4 -----	77.1 ----
SM F0166	78.0 --	83.2 -----	80.1 ----	73.1 ----	77.1 ----
RH17045	78.3 ----	82.9 -----	80.3 ----	74.1 -----	77.1 ----
RGT Colectixx	79.0 -----	83.5 -----	80.8 -----	75.9 -----	77.7 -----
SA0746	79.2 -----	83.0 -----	81.6 -----	74.7 -----	77.1 ----
SY Calo	79.3 -----	83.1 -----	80.1 ----	74.7 -----	79.1 -----
ES Metronom	77.7 --	81.8 --	79.6 ----	71.6 --	77.0 ----
SY Telias	77.6 --	83.0 -----	78.3 --	73.2 ----	76.9 ----
Gottardo KWS	77.6 --	82.0 ----	81.0 -----	71.3 --	75.2 -
-Bezugsgrösse(n)	80.1 -----	83.5 -----	82.3 -----	76.5 -----	78.3 -----
Versuchs-Mittel	78.6 ----	82.8 -----	80.7 -----	73.9 ----	77.3 ----
VK [%]	1.0	0.4	1.3	1.3	0.3
KGD (5%)	0.5	0.6	2.4	2.0	0.4
KGD (1%)	0.7	0.8	ns	2.7	0.6
Versuchs-Streuung	0.8	0.4	1.1	0.9	0.2
FG Fehlerterm	128.0	24.0	8.0	24.0	24.0
Anz. Beob.	16.0	3.0	2.0	2.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	392.0	24	27.28 ***	1.60	0.0000
Anbauorte	4050.3	5	1352.95 ***	2.29	0.0000
WW Verf.*Anb.Orte	267.9	120	3.73 ***	1.34	0.0000
Fehler	76.6	128			
Insgesamt	4786.9	277			

Précocité [% MS] / Frühreife [% TS]

Verfahren	8046		8566	
	Reckenholz ZH		Ellighausen TG	
ES Albatros	78.7	-	75.5	-----
SY Talisman	82.2	-----	76.5	-----
Figaro	79.0	-	75.1	----
RGT Chromixx	82.3	-----	76.8	-----
P8409	82.2	-----	78.1	-----
Benedictio KWS	82.0	-----	77.8	-----
P8307	83.4	-----	77.5	-----
SY Pandoras	78.6	-	75.0	----
Rancador	80.7	----	75.1	----
Bernardino KWS	82.7	-----	76.6	-----
KWS Fabiano	79.8	---	75.6	-----
DKC 3380	81.2	-----	75.7	-----
SM G0308	81.1	-----	74.6	----
KWS Iconico	81.4	-----	73.1	-
Dentrico	82.2	-----	77.3	-----
KXB7366	80.6	----	73.9	--
SM H0205	80.5	----	75.0	----
SM F0166	80.6	----	73.9	--
RH17045	81.1	-----	74.1	----
RGT Colectixx	81.0	-----	75.1	----
SA0746	82.2	-----	76.6	-----
SY Calo	82.1	-----	76.7	-----
ES Metronom	79.6	---	76.7	-----
SY Telias	80.1	----	74.4	----
Gottardo KWS	81.5	-----	74.8	----
-Bezugsgrösse(n)	82.3	-----	77.5	-----
Versuchs-Mittel	81.1	-----	75.7	-----
VK [%]	0.9		1.4	
KGD (5%)	1.3		1.8	
KGD (1%)	1.7		2.5	
Versuchs-Streuung	0.8		1.1	
FG Fehlerterm	24.0		24.0	
Anz. Beob.	3.0		3.0	

Humidité moissonneuse [% H₂O] / Feuchtigkeit Erntemaschine [% H₂O]

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
ES Albatros	25.1 -----	18.0 -----	26.4 -----	23.2 -----	27.5 -----
SY Talisman	21.6 ----	17.0 ----	27.5 -----	22.9 -----	15.2 ---
Figaro	23.2 -----	18.1 -----	28.1 -----	22.0 ----	19.8 -----
RGT Chromixx	19.8 ---	16.3 -	22.7 -	21.3 ---	14.7 --
P8409	18.9 -	16.7 ---	24.3 ---	22.1 ----	13.6 --
Benedictio KWS	20.8 ----	18.0 -----	24.5 ---	22.2 ----	15.6 ---
P8307	18.3 -	16.1 -	22.5 -	19.8 -	11.9 -
SY Pandoras	24.1 -----	16.7 ---	28.4 -----	23.8 -----	23.9 -----
Rancador	22.5 -----	18.9 -----	27.2 -----	23.7 -----	16.5 ----
Bernardino KWS	21.2 -----	17.4 ----	26.5 -----	23.1 -----	13.3 -
KWS Fabiano	21.4 ----	17.0 ----	26.7 -----	22.2 ----	16.3 ---
DKC 3380	22.5 -----	16.5 --	26.1 -----	23.9 -----	18.3 -----
SM G0308	21.1 ----	16.5 --	25.1 ---	22.7 ----	15.7 ---
KWS Iconico	23.1 -----	18.7 -----	29.4 -----	24.2 -----	15.6 ---
Dentrico	19.1 --	16.3 -	24.6 ----	21.7 ----	12.9 -
KXB7366	22.4 -----	17.3 ----	25.9 ----	24.1 -----	16.5 ---
SM H0205	21.7 -----	17.0 ----	25.6 ----	22.9 -----	16.5 ----
SM F0166	23.1 -----	16.8 ---	26.9 -----	22.9 -----	18.6 -----
RH17045	22.0 -----	17.1 ----	25.9 ----	22.9 -----	16.4 ----
RGT Colectixx	21.8 -----	16.5 --	24.1 ---	22.3 -----	18.0 ----
SA0746	21.1 ----	17.0 ----	25.3 ----	22.9 -----	14.9 --
SY Calo	20.5 ----	16.9 ---	25.3 ----	20.9 ---	14.3 --
ES Metronom	24.1 -----	18.2 -----	28.4 -----	23.0 -----	23.8 -----
SY Telias	21.9 -----	17.0 ----	26.8 -----	23.1 -----	16.8 ----
Gottardo KWS	23.7 -----	18.0 -----	28.7 -----	24.8 -----	18.6 ----
-Bezugsgrösse(n)	19.4 --	16.5 --	23.5 --	21.7 ----	14.1 --
Versuchs-Mittel	21.8 -----	17.2 ----	26.1 -----	22.7 -----	17.0 ----
VK [%]	5.6	2.1	3.6	1.1	11.4
KGD (5%)	0.9	0.6	2.0	0.4	3.3
KGD (1%)	1.2	0.8	2.7	0.6	4.4
Versuchs-Streuung	1.2	0.4	0.9	0.2	1.9
FG Fehlerterm	120.0	24.0	24.0	24.0	24.0
Anz. Beob.	14.0	3.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	950.5	24	27.04 ***	1.61	0.0000
Anbauorte	5651.7	4	964.79 ***	2.45	0.0000
WW Verf.*Anb.Orte	845.7	96	6.02 ***	1.37	0.0000
Fehler	175.7	120			
Insgesamt	7623.6	244			

Humidité moissonneuse [% H₂O] / Feuchtigkeit Erntemaschine [% H₂O]

Verfahren	8566	
	Ellighausen TG	
ES Albatros	30.4	-----
SY Talisman	25.7	-----
Figaro	28.2	-----
RGT Chromixx	24.1	-----
P8409	17.9	-
Benedictio KWS	23.7	-----
P8307	21.3	---
SY Pandoras	27.8	-----
Rancador	26.1	-----
Bernardino KWS	25.7	-----
KWS Fabiano	24.6	-----
DKC 3380	27.8	-----
SM G0308	25.4	-----
KWS Iconico	27.6	-----
Dentrico	19.8	--
KXB7366	28.4	-----
SM H0205	26.4	-----
SM F0166	30.0	-----
RH17045	27.5	-----
RGT Colectixx	28.0	-----
SA0746	25.3	-----
SY Calo	25.0	-----
ES Metronom	27.2	-----
SY Telias	25.7	-----
Gottardo KWS	28.4	-----
-Bezugsgrösse(n)	21.0	---
Versuchs-Mittel	25.9	-----
VK [%]	6.1	
KGD (5%)	2.6	
KGD (1%)	3.6	
Versuchs-Streuung	1.6	
FG Fehlerterm	24.0	
Anz. Beob.	3.0	

Humidité appareil laboratoire [% H₂O] / Feuchtigkeit Laborgerät [% H₂O]

Verfahren	Seriemittel		1567 Delley FR	
ES Albatros	21.9	-----	21.9	-----
SY Talisman	18.1	---	18.1	---
Figaro	18.3	---	18.3	---
RGT Chromixx	17.8	--	17.8	--
P8409	17.7	--	17.7	--
Benedictio KWS	18.2	---	18.2	---
P8307	17.0	-	17.0	-
SY Pandoras	22.4	-----	22.4	-----
Rancador	19.6	-----	19.6	-----
Bernardino KWS	18.5	---	18.5	---
KWS Fabiano	18.4	---	18.4	---
DKC 3380	19.6	-----	19.6	-----
SM G0308	19.4	-----	19.4	-----
KWS Iconico	21.2	-----	21.2	-----
Dentrico	18.1	---	18.1	---
KXB7366	19.1	-----	19.1	-----
SM H0205	19.6	-----	19.6	-----
SM F0166	19.9	-----	19.9	-----
RH17045	19.7	-----	19.7	-----
RGT Colectixx	19.2	-----	19.2	-----
SA0746	18.4	---	18.4	---
SY Calo	19.9	-----	19.9	-----
ES Metronom	20.4	-----	20.4	-----
SY Telias	21.7	-----	21.7	-----
Gottardo KWS	19.0	-----	19.0	-----
-Bezugsgrösse(n)	17.7	--	17.7	--
Versuchs-Mittel	19.3	-----	19.3	-----
VK [%]	5.5		5.5	
KGD (5%)	2.4		2.4	
KGD (1%)	ns		ns	
Versuchs-Streuung	1.1		1.1	
FG Fehlerterm	8.0		8.0	
Anz. Beob.	2.0		2.0	

PHL moissonneuse [kg/hl] / HLG Mährescher [kg/hl]

Verfahren	Seriemittel	1260 Nyon	1725 Grangeneuve	3065 Habstetten	8046 Reckenholz ZH
ES Albatros	74.0 -----	79.6 -----	71.6 -----	75.0 -----	72.2 -----
SY Talisman	71.7 -----	77.3 -----	69.2 -----	72.2 -----	70.6 -----
Figaro	71.1 ----	77.6 -----	68.7 ----	72.9 -----	68.7 ----
RGT Chromixx	72.8 -----	76.2 ----	73.0 -----	74.0 -----	71.2 -----
P8409	70.9 ----	75.4 ----	69.8 -----	71.6 ----	69.2 ----
Benedictio KWS	71.9 -----	75.7 ----	70.8 -----	72.8 -----	70.4 -----
P8307	70.8 ----	73.8 -	71.3 -----	73.1 -----	68.2 -
SY Pandoras	72.8 -----	79.6 -----	70.2 -----	73.5 -----	70.8 -----
Rancador	71.4 -----	75.5 ----	68.5 ----	71.6 ----	68.4 --
Bernardino KWS	71.5 -----	76.6 -----	70.0 -----	72.3 -----	69.4 ----
KWS Fabiano	71.0 ----	76.5 ----	69.1 ----	72.4 -----	68.4 --
DKC 3380	72.8 -----	78.2 -----	71.3 -----	72.7 -----	71.9 -----
SM G0308	71.3 -----	76.4 ----	70.3 -----	73.1 -----	69.3 ----
KWS Iconico	69.4 -	73.8 -	66.4 -	70.0 -	69.4 ----
Dentrico	70.6 ----	75.6 ----	69.3 -----	71.9 ----	67.8 -
KXB7366	70.3 ----	76.2 -----	69.3 -----	70.2 -	67.9 -
SM H0205	71.5 -----	76.1 -----	70.7 -----	72.2 -----	70.1 -----
SM F0166	71.3 -----	76.6 -----	69.4 -----	72.5 -----	70.0 -----
RH17045	72.0 -----	77.5 -----	69.5 -----	73.0 -----	70.9 -----
RGT Colectixx	73.2 -----	78.0 -----	72.6 -----	74.7 -----	71.5 -----
SA0746	72.1 -----	77.5 -----	71.8 -----	72.3 -----	69.5 ----
SY Calo	73.1 -----	77.4 -----	71.5 -----	75.1 -----	71.5 -----
ES Metronom	72.9 -----	78.4 -----	69.8 -----	73.5 -----	71.4 -----
SY Telias	71.0 ----	76.7 -----	69.9 -----	71.7 ----	68.6 --
Gottardo KWS	71.6 -----	77.2 -----	68.1 ----	71.2 ----	72.4 -----
-Bezugsgrösse(n)	71.9 -----	75.8 ----	71.4 -----	72.8 -----	70.2 -----
Versuchs-Mittel	71.7 -----	76.8 -----	70.1 -----	72.6 -----	70.0 -----
VK [%]	1.2	0.7	1.0	0.7	0.8
KGD (5%)	0.6	0.9	1.5	0.8	0.9
KGD (1%)	0.8	1.2	2.0	1.0	1.2
Versuchs-Streuung	0.9	0.5	0.7	0.5	0.5
FG Fehlerterm	144.0	24.0	24.0	48.0	24.0
Anz. Beob.	14.0	3.0	2.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	376.0	24	21.56 ***	1.59	0.0000
Anbauorte	2713.0	4	933.30 ***	2.44	0.0000
WW Verf.*Anb.Orte	284.8	96	4.08 ***	1.35	0.0000
Fehler	104.6	144			
Insgesamt	3478.5	268			

PHL moissonneuse [kg/hl] / HLG Mährescher [kg/hl]

Verfahren	8566	
	Ellighausen TG	
ES Albatros	71.4	-----
SY Talisman	69.1	----
Figaro	67.8	--
RGT Chromixx	69.7	----
P8409	68.6	---
Benedictio KWS	70.0	----
P8307	67.5	-
SY Pandoras	70.2	-----
Rancador	73.1	-----
Bernardino KWS	69.4	----
KWS Fabiano	68.2	--
DKC 3380	70.0	----
SM G0308	67.6	-
KWS Iconico	67.2	-
Dentrico	68.3	---
KXB7366	68.0	--
SM H0205	68.5	---
SM F0166	68.1	--
RH17045	68.9	---
RGT Colectixx	69.3	----
SA0746	69.5	----
SY Calo	69.8	----
ES Metronom	71.5	-----
SY Telias	68.0	--
Gottardo KWS	68.9	----
-Bezugsgrösse(n)	69.2	----
Versuchs-Mittel	69.1	----
VK [%]	2.4	
KGD (5%)	2.8	
KGD (1%)	ns	
Versuchs-Streuung	1.7	
FG Fehlerterm	24.0	
Anz. Beob.	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	24.04.18	13.10.18
1567	Delley (Avenches)	434	09.05.18	26.09.18
1896	Vouvry	404	24.04.18	04.10.18 *
3065	Habstetten	620	08.05.18	18.10.18
8046	Reckenholz	440	20.04.18	02.10.18 *
8194	Hüntwangen	384	27.04.18	27.09.18
8566	Ellighausen	503	24.04.18	26.09.18
9436	Balgach	408	23.04.18	05.10.18

* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les mises en valeur.

3.3.2 Sorten / Status

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
P9027	P9027	SC	Pioneer	Pioneer	KM21/S	
DKC 3441	EM3456	SC	Monsanto, USA	Monsanto, Morges	KM21/S	
RGT Planoxx	RH13048	SC	RAGT 2n	Fenaco, Moudon	KM21/S	
DKC 3361	EP3361	SC	Monsanto, USA	Monsanto, Morges	KM21/S	
Gottardo KWS	KXB1157	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/S	SM11/S
Toutati CS	CSM2309	SC	Caussade Semences	Schweizer, Thun	KM21/S	
RGT Turixxo	RH15015	SC	RAGT 2n	Fenaco, Moudon	KM21/e2	
Kidemos KWS	KXB6331	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e2	
DKC 3787	ER3817	SC	Monsanto, USA	Monsanto, Morges	KM21/e1	
P8812	X85H887	SC	Pioneer	Pioneer, Manno	KM21/e1	
KXB6151	KXB6151	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	SM11/e1
KXB7327	KXB7327	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	
KXB7329	KXB7329	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/e1	
RGT Irenox	RH16011	SC	RAGT 2n, F	Fenaco, Moudon	KM21/e1	
RGT Maxxatac	RH16015	SC	RAGT 2n, F	Fenaco, Moudon	KM21/e1	
SA1826	SA1826	SC	Syngenta, CH	Syngenta, Dielsdorf	KM21/e1	SM21/e1
Amaveritas	KXB5141	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM21/T	
Sixxtus	RH08113	SC	R2n	Fenaco, Moudon	KM21/T	
ES Gallery			Euralis, F	Euralis	FS	
ES Faraday	ESZ5303		Euralis, F	Euralis	FS	

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

Technische Versuchsangaben / données techniques / technical information									
Standort / lieu / site:	1260 Nyon (430 m ü.M.)	Vouvy (383 m ü.M.)	Avenches (434 m ü.M.)	Habstetten (620 m ü.M.)	Zürich- Afoltern (440 m ü.M.)	Hüntwangen (384 m ü.M.)	Ellighausen (603 m ü.M.)	Belgach (408 m ü.M.)	
Bodenart / type de sol / soil type:	limono sableux	limono sableux	Argile tourbeux	sandiger Lehm	Parabraunerde	leicht, schwach Humos	stark sandiger Lehm	Schwach Humoser Boden mit Ton und Schluff	
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):	322 mm + irrigations : 10.07.;16.07.; 24.07.; apport total : 90 mm 2183 °C	-	322.6 mm (selon AgroMeteo, station Praz) 2070 °C (selon AgroMeteo, station Praz, seuil 6°C)	247 mm (ev. nicht ganz vollständig) 1982 °C	430 mm 2038 °C	292 mm (Meteostation Wfl) 2025 °C (Meteostation Wfl)	334 mm 1809 °C	579 mm (Meteostation Berneck) 2038 °C (Meteostation Berneck)	
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:	4-reihig, mit 0.8m Weg (22.4m ² brutto), 10m ² netto	4-reihig, mit 0.8m Weg (22.4m ² brutto), 10 m ² netto	Semé: 17 m ² per single plot (brut, avec chemin), 14,4 m ² net, 4 rangs Récolté: 8.5 m ² per single plot (brut, avec chemin), 7,2 m ² net, 2 rangs au milieu	4-reihig, mit 0.8m Weg (22.4m ² brutto), 10 m ² netto	15 m ² pro Plot brutto (4-reihig, mit 0.8m Weg), 6.3 m ² netto	15 m ² pro Plot brutto (4-reihig, mit 0.8m Weg), 6.3 m ² netto	15 m ² pro Plot brutto (4-reihig, mit 0.8m Weg), 6.3 m ² netto	15 m ² pro Plot brutto (4-reihig, mit 0.8m Weg), 6.3 m ² netto	
Vorfrucht / pré-cédent cultural / previous crop:	blé printemps	carottes	Blé d'automne, dérobée moutarde	blé d'hiver	Zuckerrüben / bettrave à sucre / sugar beets	Winterweizen / blé d'hiver / winter wheat + Zwischenbeegrünung	Raps - Zwischenfrüher (Wick-Häfer-Erbsenmenge)	Silomais / maïs ensilage / silage maize	
Bodenbearbeitung / travail du sol / soil cultivation:	23.04. labour 24.04. hersage	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	02.04.2018: Labour 26.04.2018: Herse rotative	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug (6.3.18), Federzähne (18.4.18) / charrue, herse / plough, harrow	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow	Pflug (Hebst) und Kreiselegge / charrue (automne) et herse rotative / plough (fall) and rotary harrow	Spaten im Herbst und Kreiselegge (Saatbearbeitung)	
Saat / date de semis / sowing date:	26.04.2018	24.04.2018 Jour 114	08.05.2018 (jour 128)	08.05.2018	20.04.2018	27.04.2018	24.04.2018	23.04.2018	
Ernte / date de récolte / harvest date:	12.10.2018	03.10.2018	17.10.2018 (jour 290)	17.10.2018	02.10.2018	27.09.2018	26.9.2018	05.10.2018	

Technische Versuchsausgaben / données techniques / technical information

Standort / lieu / site:	1260 Nyon (430 m ü.M.)	Vouvry (383 m ü.M.)	Avenches (434 m ü.M.)	Habstetten (620 m ü.M.)	Zürich- Affoltern (440 m ü.M.)	Hüntwangen (384 m ü.M.)	Ellighausen (503 m ü.M.)	Balgach (408 m ü.M.)
Saatdichte / densité de semis / sowing density:	9.0 Körner / grains pro m2	9.0 Körner / grains pro m2	Semis: 10.5 grains pro m2, éclaircit à 8.7 plantes/m2	9.5 Körner / grains pro m2	9.7 Körner / grains pro m2	9.7 Körner / grains pro m2	9.7 Körner / grains pro m2	9.7 Körner / grains pro m2
Vegetationsdauer / durée de végétation / growing period	169 Jours/Tage/days	162 Tage / jours / days	162 Tage / jours / days	162 Tage / jours / days	165 Tage / jours / days	163 Tage / jours / days	165 Tage / jours / days	165 Tage / jours / days
Reihenabstand / interfilignes / row distance:	75 cm	75 cm	80 cm	75 cm	75 cm	75cm	75 cm	75 cm
Mechanische Unkrautbekämpfung / dés herbage mécanique / mechanical weed control:	-	-	-	-	Hacken (11.5.18)	-	-	Fräsen mit Reihenfräse und von Hand hacken
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)	Herbicide 1l/ha Elumis plus 3l/ha Gardo Gold plus	30.05.2018: Elumis (0.5 L/ha) + Gardo Gold (1 L/ha) 04.06.2018: Elumis (0.5 L/ha) + Gardo Gold (1 L/ha)	Elumis 1.3 l/ha + Banvel 4S 0.4l/ha (17.06.18)	24.5.: Aspect 2.0l/ha, Laudis 2.0l/ha, Banvel 1M 0.5l/ha	Aspect 1,5l Laudis 2,0l Banvel 4S 0,4l	15.5.: Gardo Gold 4l/ha, Callisto 0.75l/ha, Banvel 4S 0.5l/ha	Kelne
N-Düngung / fumure N / N fertilisation:	nitrate ammoniacale 27.5 % 177 kg/ha 48 N 4 MgO (9.05.) Urée perée 46 % 117 kg/ha 54 N (11.06.)	nitrate d'ammoniacale 27 % 81N 300 kg	22.05.2018: Urée 46.0.0 (320 kg/ha)	38.5 kg N/ha (ammonitrate, 26.05.18); 78 kg N/ha (urée 10.06.18)	Harnstoff 46% 82.8 kg N/ha (11.5.), Harnstoff 46 % 32.2 kg N/ha (11.5.)	DAP 18 kg N/ha (26.4.); Harnstoff 46% 70kg N/ha (26.4.); Harnstoff 46% 70kg N/ha (4.6.)	5.5.: Ammonsalpeter (65 kg N/ha), 5.6. Harnstoff (70 kg N/ha)	22.4.18: 2 kg/ha Ammonsalpeter, 14.5.18: 2.5 kg Entec 28l/ha
Ernte / Récolte / harvest:	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting	Moissonneuse-batteuse Haldrup C85	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting	Wintersteiger Delta Mährescher / moissonneuse-batteuse / direct combine harvesting			

3.3.4 Index / Indice

Sorte	Status	Ertrag	Reife	Jugend- entwicklung	Wurzellager.		Wurzellager. Ernte	Stängel- bruch	Beulen- brand	Stängel- fäule	Gesamt- index
					Vegetation						
ES Gallery	FS	9.07	-3.67	-0.04	0.48			-1.17	0.34	0.61	5.61
ES Faraday	FS	6.90	-4.39	-0.06	-0.04			-1.07	0.26	1.39	2.99
Kidemos KWS	e2	3.65	-2.86	-0.26	0.30			-0.49	-0.19	1.65	1.79
KXB7329	e1	-4.47	-0.20	-0.31	0.74			2.16	0.18	2.86	0.97
P9027	S	2.76	-1.46	0.14	-0.39			-0.81	-0.04	-0.09	0.12
RGT Planoxx	S	-2.76	1.46	-0.14	0.39			0.81	0.04	0.09	-0.12
DKC 3787	e1	0.03	-0.93	-0.83	-0.22			0.91	0.28	0.43	-0.33
DKC 3361	S	-5.04	1.95	-0.33	0.04			1.17	0.20	0.52	-1.48
RGT Turixxo	e2	-0.88	-0.98	-0.24	-0.13			-0.25	0.20	0.43	-1.83
P8812	e1	0.32	-1.76	-0.49	-0.65			0.03	0.28	0.00	-2.27
KXB7327	e1	-4.25	1.39	-0.30	0.39			-1.38	0.22	0.43	-3.50
KXB6151	e1	-1.54	-2.07	0.28	-0.65			1.28	-0.10	-1.65	-4.45
Gottardo KWS	S	-1.89	-2.30	-0.12	0.22			0.03	-0.26	-0.43	-4.77
Toutati CS	S	-4.44	1.16	-0.15	0.30			-2.16	-0.06	-0.52	-5.87
DKC 3441	S	-6.45	0.75	-0.53	0.13			1.59	0.07	-1.65	-6.09
RGT Maxxatac	e1	-2.07	-2.40	-0.29	-1.52			-1.33	0.34	0.87	-6.40
SA1826	e1	-2.96	-4.13	0.42	-1.52			-0.55	-0.05	2.00	-6.78
Sixxtus	T	-0.44	-5.30	0.00	0.04			-1.95	0.04	0.78	-6.82
Amaveritas	T	-6.40	-1.52	-0.04	-0.65			-0.86	0.11	1.82	-7.55
RGT Irenox	e1	-7.01	-6.07	-0.15	-0.04			0.34	-0.03	-0.17	-13.15
Bezugsgrößen		0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00
Anzahl Beob.		18	18	18	3			12	6	12	
Anzahl Orte		6	6	6	1			4	2	4	
Gewichtung		1	2.5	0.5	0.25		0.75	0.75	0.25	0.25	

3.3.5 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- entwick- lung Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Wurzel- lager. Veg. %	Stängel- bruch Veg. %	Stängel- bruch Ernte %	Stängel fäule %
P9027	3.4	74.6	73.8	260.0	120.0	46.7	35.4	1.0	6.0	18.8
DKC 3441	4.7	75.3	76.2	253.3	112.2	45.3	22.9	0.0	1.3	28.1
RGT Planoxx	3.9	74.4	74.1	274.4	126.1	46.7	16.7	0.0	2.8	17.7
DKC 3361	4.3	74.2	73.7	255.6	116.1	46.6	25.0	0.0	2.1	15.1
Gottardo KWS	3.9	73.4	72.3	260.0	109.4	38.6	20.8	0.0	4.4	20.8
Toutati CS	3.9	74.3	74.1	265.6	120.6	46.3	18.8	0.0	8.8	21.4
RGT Turixxo	4.1	74.6	74.1	271.1	122.2	46.3	29.2	0.0	4.9	15.6
Kidemos KWS	4.2	75.1	74.4	269.4	111.7	39.8	18.8	0.4	5.4	8.3
DKC 3787	5.3	76.3	75.2	250.0	112.8	46.0	31.3	0.0	2.6	15.6
P8812	4.6	76.8	76.2	263.3	125.6	48.8	41.7	0.0	4.4	18.2
KXB6151	3.1	73.9	73.8	278.3	118.3	43.9	41.7	4.2	1.9	28.1
KXB7327	4.3	74.9	74.2	248.3	107.2	42.4	16.7	0.0	7.2	15.6
KXB7329	4.3	74.1	73.2	246.1	100.0	38.3	8.3	0.0	0.1	1.0
RGT Irenox	3.9	74.6	73.2	268.9	130.0	48.3	27.1	1.0	3.8	19.3
RGT Maxxatac	4.2	74.4	73.4	260.6	117.8	45.9	62.5	2.1	7.1	13.0
SA1826	2.8	74.7	74.0	296.1	129.4	44.0	62.5	0.8	5.5	6.3
Amaveritas	3.7	74.8	73.6	279.4	125.6	46.3	41.7	0.0	6.1	7.3
Sixtus	3.6	74.8	73.9	271.1	130.0	49.0	25.0	0.0	8.3	13.5
ES Gallery	3.7	76.0	74.7	269.4	128.9	48.6	14.6	0.0	6.8	14.6
ES Faraday	3.8	76.3	75.4	287.8	136.1	48.2	27.1	0.0	6.6	9.9
-Bezugsgrösse(n)	3.6	74.5	73.9	267.2	123.1	46.7	26.0	0.5	4.4	18.2
Versuchs-Mittel	4.0	74.9	74.2	266.4	120.0	45.3	29.4	0.5	4.8	15.4
VK [%]	17.1	1.4	1.7	3.2	7.9	7.8	52.7	540.3	165.7	73.7
KGD (5%)	0.4	1.0	1.2	8.0	8.8	2.8	25.6			9.2
KGD (1%)	0.6	1.3	1.5	10.6	11.7	3.8	34.3			12.1
Versuchsstreuung	0.7	1.1	1.2	8.6	9.5	3.5	15.5	2.6	8.0	11.4
FG Fehlerterm	228.0	114.0	114.0	114.0	114.0	152.0	38.0	76.0	152.0	152.0
Anz. Beob.	18.0	9.0	9.0	9.0	9.0	12.0	3.0	6.0	12.0	12.0
Anz. Orte	6.0	3.0	3.0	3.0	3.0	4.0	1.0	2.0	4.0	4.0
Minimum	2.8	73.4	72.3	246.1	100.0	38.3	8.3	0.0	0.1	1.0
Maximum	5.3	76.8	76.2	296.1	136.1	49.0	62.5	4.2	8.8	28.1

Sorten Bezeichnung	Helmin. thosp. 1. Bon. Note	Beulen- brand %	Mais- zünsler %	allg. Ein- druck Note	Effekt. Best. dichte Pfl./m2	Korn- ertrag 14%H2O dt/ha	Ertrag rel.zu Bezug %	TS- Korn Ernte %	HLG Ernte- maschine kg/ha
P9027	3.0	4.8	2.1	2.3	8.5	162.1	102.5	79.5	70.2
DKC 3441	3.0	3.5	6.7	2.0	8.7	147.6	94.2	80.4	72.4
RGT Planoxx	2.7	3.9	4.8	1.3	8.6	153.4	97.5	80.7	72.9
DKC 3361	4.0	2.0	5.7	1.0	8.6	149.8	95.1	80.8	71.9
Gottardo KWS	3.3	7.5	10.4	3.3	8.6	154.8	98.0	79.1	72.8
Toutati CS	3.0	5.0	2.4	3.0	8.7	150.8	96.3	80.5	72.1
RGT Turixxo	3.3	1.9	3.8	1.0	8.8	156.4	99.1	79.7	72.3
Kidemos KWS	1.7	6.7	6.5	2.0	8.8	163.6	104.4	78.9	68.7
DKC 3787	2.7	1.1	3.4	2.7	9.0	157.8	100.4	79.7	70.7
P8812	3.3	1.0	7.8	1.3	8.9	158.3	100.5	79.4	71.2
KXB6151	3.0	5.6	7.5	2.3	8.9	155.4	98.3	79.2	71.3
KXB7327	2.0	1.7	6.1	1.7	8.8	151.1	95.9	80.6	70.3
KXB7329	1.7	2.2	4.2	1.3	8.5	150.7	96.3	80.0	70.6
RGT Irenox	4.7	4.8	8.3	1.7	8.0	146.7	93.2	77.6	70.0
RGT Maxxatac	2.7	0.3	6.8	1.3	8.6	154.5	98.9	79.1	70.4
SA1826	3.7	5.0	3.8	3.0	8.6	153.1	97.5	78.4	74.2
Amaveritas	3.0	3.1	4.0	1.3	8.8	147.7	94.0	79.5	72.0
Sixxtus	2.7	3.9	7.7	2.7	8.5	157.1	99.4	77.9	71.9
ES Gallery	2.7	0.3	2.1	2.3	8.7	172.1	109.2	78.6	72.2
ES Faraday	2.7	1.3	6.2	2.0	8.6	168.7	107.3	78.3	70.2
-Bezugsgrösse(n)	3.3	4.4	3.4	1.8	8.6	157.8	100.0	80.1	71.5
Versuchs-Mittel	2.9	3.3	5.5	2.0	8.7	155.6	98.9	79.4	71.4
VK [%]	34.5	92.6	53.8	37.7	4.4	6.0	6.0	1.1	1.0
KGD (5%)		3.5		1.2	0.3	6.2	3.9	0.6	0.5
KGD (1%)		4.6		1.7	0.3	8.1	5.1	0.8	0.7
Versuchsstreuung	1.0	3.0	3.0	0.7	0.4	9.4	5.9	0.9	0.7
FG Fehlerterm	38.0	76.0	38.0	38.0	228.0	228.0	228.0	228.0	190.0
Anz. Beob.	3.0	6.0	3.0	3.0	18.0	18.0	18.0	18.0	15.0
Anz. Orte	1.0	2.0	1.0	1.0	6.0	6.0	6.0	6.0	5.0
Minimum	1.7	0.3	2.1	1.0	8.0	146.7	93.2	77.6	68.7
Maximum	4.7	7.5	10.4	3.3	9.0	172.1	109.2	80.8	74.2

3.3.6 Details / Détails

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8194 Hüntw. ZH
P9027	3.4 ---	5.0 -	3.0 ----	4.3 ----	2.8 -
DKC 3441	4.7 -----	6.0 -----	4.3 -----	5.0 -----	3.8 -----
RGT Planoxx	3.9 -----	5.3 ---	3.7 -----	4.7 -----	3.0 --
DKC 3361	4.3 -----	6.0 -----	3.7 -----	5.0 -----	3.8 -----
Gottardo KWS	3.9 -----	5.3 ---	5.0 -----	4.0 ---	3.2 ---
Toutati CS	3.9 -----	5.7 -----	3.0 ---	5.0 -----	3.0 --
RGT Turixxo	4.1 -----	5.7 -----	4.0 -----	5.0 -----	3.5 -----
Kidemos KWS	4.2 -----	6.0 -----	4.3 -----	5.0 -----	3.2 ---
DKC 3787	5.3 -----	6.7 -----	5.3 -----	6.0 -----	4.5 -----
P8812	4.6 -----	6.3 -----	4.7 -----	5.0 -----	4.3 -----
KXB6151	3.1 --	5.7 -----	2.3 --	4.0 ---	3.0 --
KXB7327	4.3 -----	6.0 -----	3.7 -----	5.0 -----	3.2 ---
KXB7329	4.3 -----	6.0 -----	3.7 -----	5.0 -----	3.8 -----
RGT Irenox	3.9 -----	6.3 -----	4.0 -----	4.7 -----	3.7 -----
RGT Maxxatac	4.2 -----	6.0 -----	4.0 -----	5.0 -----	3.7 -----
SA1826	2.8 -	5.3 ---	1.7 -	3.0 -	2.8 -
Amaveritas	3.7 ---	5.3 ---	4.3 -----	4.0 ---	3.0 --
Sixxtus	3.6 ---	5.7 -----	3.3 ---	4.3 -----	3.7 -----
ES Gallery	3.7 ---	5.7 -----	4.0 -----	4.0 ---	3.2 ---
ES Faraday	3.8 ---	5.7 -----	4.0 -----	4.0 ---	3.5 -----
-Bezugsgrösse(n)	3.6 ---	5.2 --	3.3 -----	4.5 -----	2.9 -
Versuchs-Mittel	4.0 -----	5.8 -----	3.8 -----	4.6 -----	3.4 -----
VK [%]	17.1	8.9	30.0	5.6	15.6
KGD (5%)	0.4	0.9	ns	0.4	0.9
KGD (1%)	0.6	ns	ns	0.6	ns
Versuchs-Streuung	0.7	0.5	1.1	0.3	0.5
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	106.4	19	12.06 ***	1.63	0.0000
Anbauorte	365.4	5	157.42 ***	2.26	0.0000
WW Verf.*Anb.Orte	53.1	95	1.20 ns	1.32	
Fehler	105.8	228			
Insgesamt	630.7	347			

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	8566 Ellighausen TG	9436 Balgach / SG
P9027	2.8 ---	2.2 ----
DKC 3441	5.0 -----	4.0 -----
RGT Planoxx	4.0 -----	2.8 -----
DKC 3361	4.7 -----	2.7 -----
Gottardo KWS	3.8 -----	2.0 ---
Toutati CS	4.3 -----	2.7 -----
RGT Turixxo	4.0 -----	2.5 -----
Kidemos KWS	3.7 -----	2.8 -----
DKC 3787	5.3 -----	4.0 -----
P8812	4.7 -----	2.7 -----
KXB6151	2.5 --	1.0 -
KXB7327	4.3 -----	3.3 -----
KXB7329	4.2 -----	2.8 -----
RGT Irenox	2.7 --	2.3 -----
RGT Maxxatac	4.0 -----	2.7 -----
SA1826	2.2 -	1.8 ---
Amaveritas	3.7 -----	2.0 -----
Sixxtus	2.7 --	2.2 -----
ES Gallery	3.3 ---	2.2 -----
ES Faraday	3.2 ---	2.2 -----
-Bezugsgrösse(n)	3.4 -----	2.5 -----
Versuchs-Mittel	3.8 -----	2.5 -----
VK [%]	20.1	21.5
KGD (5%)	1.2	0.9
KGD (1%)	1.7	1.2
Versuchs-Streuung	0.8	0.5
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8566 Ellighausen TG
P9027	74.6 ----	76.7 --	70.0 ----	77.0 -----
DKC 3441	75.3 -----	78.7 -----	70.0 ----	77.3 -----
RGT Planoxx	74.4 ----	77.3 ---	69.3 --	76.7 ----
DKC 3361	74.2 ---	76.7 --	69.0 -	77.0 ----
Gottardo KWS	73.4 -	76.7 --	69.0 -	74.7 -
Toutati CS	74.3 ---	76.7 --	70.0 ----	76.3 ----
RGT Turixxo	74.6 ----	76.3 -	70.0 ----	77.3 -----
Kidemos KWS	75.1 -----	78.0 -----	69.7 ---	77.7 -----
DKC 3787	76.3 -----	78.7 -----	71.3 -----	79.0 -----
P8812	76.8 -----	80.0 -----	72.0 -----	78.3 -----
KXB6151	73.9 --	77.0 --	69.0 -	75.7 ---
KXB7327	74.9 ----	77.7 ----	69.7 ---	77.3 -----
KXB7329	74.1 ---	76.3 -	69.0 -	77.0 ----
RGT Irenoxx	74.6 ----	76.7 --	70.0 ----	77.0 ----
RGT Maxxatac	74.4 ----	78.0 -----	69.0 -	76.3 ----
SA1826	74.7 ----	78.0 -----	69.3 --	76.7 ----
Amaveritas	74.8 ----	77.0 --	70.0 ----	77.3 -----
Sixxtus	74.8 ----	76.3 -	70.3 ----	77.7 -----
ES Gallery	76.0 -----	79.3 -----	71.0 -----	77.7 -----
ES Faraday	76.3 -----	79.7 -----	71.3 -----	78.0 -----
-Bezugsgrösse(n)	74.5 ----	77.0 --	69.7 ---	76.8 -----
Versuchs-Mittel	74.9 ----	77.6 ----	70.0 ----	77.1 -----
VK [%]	1.4	2.1	0.7	1.1
KGD (5%)	1.0	ns	0.8	1.3
KGD (1%)	1.3	ns	1.0	1.8
Versuchs-Streuung	1.1	1.6	0.5	0.8
FG Fehlerterm	114.0	38.0	38.0	38.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	130.2	19	5.89 ***	1.68	0.0000
Anbauorte	2192.5	2	942.47 ***	3.07	0.0000
WW Verf.*Anb.Orte	41.3	38	0.93 ns	1.51	0.5830
Fehler	132.6	114			
Insgesamt	2496.6	173			

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

Verfahren	Seriemittel		1260 Nyon		3065 Habstetten		8566 Ellighausen TG	
P9027	73.8	----	73.7	---	70.0	----	77.7	-----
DKC 3441	76.2	-----	78.3	-----	71.3	-----	79.0	-----
RGT Planoxx	74.1	----	76.0	-----	69.0	-	77.3	-----
DKC 3361	73.7	---	75.0	----	69.0	-	77.0	----
Gottardo KWS	72.3	-	72.3	-	69.0	-	75.7	-
Toutati CS	74.1	----	75.7	-----	69.3	--	77.3	-----
RGT Turixxo	74.1	----	74.0	---	70.3	-----	78.0	-----
Kidemos KWS	74.4	-----	76.7	-----	69.0	-	77.7	-----
DKC 3787	75.2	-----	76.3	-----	70.7	-----	78.7	-----
P8812	76.2	-----	78.0	-----	71.7	-----	79.0	-----
KXB6151	73.8	----	75.0	-----	69.7	---	76.7	----
KXB7327	74.2	----	75.7	-----	69.0	-	78.0	-----
KXB7329	73.2	---	73.3	--	69.0	-	77.3	-----
RGT Irenoxx	73.2	---	74.7	----	69.0	-	76.0	--
RGT Maxxatac	73.4	---	75.0	-----	69.0	-	76.3	---
SA1826	74.0	----	76.0	-----	69.0	-	77.0	----
Amaveritas	73.6	----	74.0	---	69.0	-	77.7	-----
Sixtus	73.9	----	74.3	----	69.3	--	78.0	-----
ES Gallery	74.7	-----	77.0	-----	69.0	-	78.0	-----
ES Faraday	75.4	-----	78.3	-----	70.0	----	78.0	-----
-Bezugsgrösse(n)	73.9	----	74.8	-----	69.5	--	77.5	-----
Versuchs-Mittel	74.2	----	75.5	-----	69.6	---	77.5	-----
VK [%]	1.7		2.6		0.6		1.0	
KGD (5%)	1.2		3.3		0.6		1.3	
KGD (1%)	1.5		ns		0.9		1.7	
Versuchs-Streuung	1.2		2.0		0.4		0.8	
FG Fehlerterm	114.0		38.0		38.0		38.0	
Anz. Beob.	9.0		3.0		3.0		3.0	

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	164.1	19	5.54	***	1.68	0.0000
Anbauorte	2044.3	2	655.49	***	3.07	0.0000
WW Verf.*Anb.Orte	79.9	38	1.35	ns	1.51	0.1158
Fehler	177.8	114				
Insgesamt	2466.1	173				

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8566 Ellighausen TG
P9027	260.0 ---	208.3 ----	268.3 --	303.3 -----
DKC 3441	253.3 --	211.7 ----	263.3 --	285.0 --
RGT Planoxx	274.4 -----	221.7 -----	293.3 -----	308.3 -----
DKC 3361	255.6 --	218.3 -----	268.3 --	280.0 -
Gottardo KWS	260.0 ---	206.7 ---	280.0 -----	293.3 ---
Toutati CS	265.6 ----	216.7 ----	278.3 ----	301.7 ----
RGT Turixxo	271.1 -----	215.0 ----	288.3 -----	310.0 -----
Kidemos KWS	269.4 ----	216.7 ----	285.0 -----	306.7 ----
DKC 3787	250.0 -	201.7 --	258.3 -	290.0 ---
P8812	263.3 ----	215.0 -----	278.3 ----	296.7 ----
KXB6151	278.3 -----	215.0 ----	303.3 -----	316.7 -----
KXB7327	248.3 -	196.7 -	258.3 -	290.0 ---
KXB7329	246.1 -	195.0 -	266.7 --	276.7 -
RGT Irenoxx	268.9 ----	218.3 -----	283.3 ----	305.0 ----
RGT Maxxatac	260.6 ---	215.0 ----	283.3 ----	283.3 --
SA1826	296.1 -----	240.0 -----	310.0 -----	338.3 -----
Amaveritas	279.4 -----	215.0 ----	301.7 -----	321.7 -----
Sixtus	271.1 -----	215.0 ----	285.0 -----	313.3 -----
ES Gallery	269.4 ----	216.7 ----	285.0 -----	306.7 ----
ES Faraday	287.8 -----	226.7 -----	311.7 -----	325.0 -----
-Bezugsgrösse(n)	267.2 ----	215.0 ----	280.8 ----	305.8 ----
Versuchs-Mittel	266.4 ----	214.3 ----	282.5 ----	302.6 ----
VK [%]	3.2	4.5	3.1	2.4
KGD (5%)	8.0	15.8	14.4	12.2
KGD (1%)	10.6	21.2	19.3	16.4
Versuchs-Streuung	8.6	9.6	8.7	7.4
FG Fehlerterm	114.0	38.0	38.0	38.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	28868.9	19	20.53 ***		1.68	0.0000
Anbauorte	257283.6	2	1737.92 ***		3.07	0.0000
WW Verf.*Anb.Orte	5805.3	38	2.06 **		1.51	0.0018
Fehler	8438.3	114				
Insgesamt	300396.1	173				

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

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8566 Ellighausen TG
P9027	120.0 -----	85.0 -----	126.7 -----	148.3 -----
DKC 3441	112.2 ---	76.7 ---	125.0 -----	135.0 ---
RGT Planoxx	126.1 -----	93.3 -----	131.7 -----	153.3 -----
DKC 3361	116.1 ----	98.3 -----	123.3 ----	126.7 -
Gottardo KWS	109.4 ---	80.0 -----	121.7 ----	126.7 -
Toutati CS	120.6 -----	93.3 -----	128.3 -----	140.0 ----
RGT Turixxo	122.2 -----	80.0 ----	133.3 -----	153.3 -----
Kidemos KWS	111.7 ---	85.0 -----	121.7 ----	128.3 -
DKC 3787	112.8 ---	83.3 -----	115.0 ---	140.0 ----
P8812	125.6 -----	86.7 -----	135.0 -----	155.0 -----
KXB6151	118.3 -----	78.3 ----	128.3 -----	148.3 -----
KXB7327	107.2 ---	71.7 --	121.7 ----	128.3 -
KXB7329	100.0 -	66.7 -	103.3 -	130.0 --
RGT Irenoxx	130.0 -----	90.0 -----	143.3 -----	156.7 -----
RGT Maxxatac	117.8 -----	80.0 ----	130.0 -----	143.3 ----
SA1826	129.4 -----	95.0 -----	141.7 -----	151.7 -----
Amaveritas	125.6 -----	85.0 ----	136.7 -----	155.0 -----
Sixtus	130.0 -----	88.3 -----	138.3 -----	163.3 -----
ES Gallery	128.9 -----	93.3 -----	138.3 -----	155.0 -----
ES Faraday	136.1 -----	98.3 -----	153.3 -----	156.7 -----
-Bezugsgrösse(n)	123.1 -----	89.2 -----	129.2 -----	150.8 -----
Versuchs-Mittel	120.0 -----	85.4 -----	129.8 -----	144.8 -----
VK [%]	7.9	11.7	6.3	7.0
KGD (5%)	8.8	16.5	13.4	16.8
KGD (1%)	11.7	ns	18.0	22.5
Versuchs-Streuung	9.5	10.0	8.1	10.2
FG Fehlerterm	114.0	38.0	38.0	38.0
Anz. Beob.	9.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	14505.6	19	8.51 ***	1.68	0.0000
Anbauorte	114315.8	2	637.16 ***	3.07	0.0000
WW Verf.*Anb.Orte	4795.3	38	1.41 ns	1.51	0.0865
Fehler	10226.7	114			
Insgesamt	143843.3	173			

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8566 Ellighausen TG
P9027	46.7 -----	40.9 -----	50.0 -----	47.2 -----	48.9 -----
DKC 3441	45.3 -----	36.2 ---	50.0 -----	47.4 -----	47.4 -----
RGT Planoxx	46.7 -----	42.1 -----	50.0 -----	44.9 -----	49.8 -----
DKC 3361	46.6 -----	45.0 -----	50.0 -----	46.0 -----	45.2 ---
Gottardo KWS	38.6 -	38.6 ----	29.2 -	43.5 ----	43.0 --
Toutati CS	46.3 -----	42.9 -----	50.0 -----	46.1 -----	46.4 ----
RGT Turixxo	46.3 -----	37.2 ---	52.1 -----	46.3 -----	49.5 -----
Kidemos KWS	39.8 --	39.1 ----	35.4 ---	42.8 ----	41.9 -
DKC 3787	46.0 -----	41.2 -----	50.0 -----	44.5 ----	48.3 -----
P8812	48.8 -----	40.3 ----	54.2 -----	48.5 -----	52.3 -----
KXB6151	43.9 -----	36.4 ---	50.0 -----	42.4 ----	46.8 ----
KXB7327	42.4 ----	36.5 ---	41.7 ----	47.2 -----	44.3 ---
KXB7329	38.3 -	34.1 -	33.3 --	38.7 -	47.0 ----
RGT Irenox	48.3 -----	41.1 -----	50.0 -----	50.6 -----	51.4 -----
RGT Maxxatac	45.9 -----	37.2 ---	50.0 -----	45.9 -----	50.6 -----
SA1826	44.0 -----	39.4 ----	45.8 -----	45.7 -----	44.8 ---
Amaveritas	46.3 -----	39.5 ----	52.1 -----	45.3 -----	48.2 -----
Sixxtus	49.0 -----	41.3 -----	54.2 -----	48.5 -----	52.1 -----
ES Gallery	48.6 -----	43.1 -----	52.1 -----	48.5 -----	50.5 -----
ES Faraday	48.2 -----	43.4 -----	52.1 -----	49.2 -----	48.2 -----
-Bezugsgrösse(n)	46.7 -----	41.5 -----	50.0 -----	46.0 -----	49.3 -----
Versuchs-Mittel	45.3 -----	39.8 ----	47.6 -----	46.0 -----	47.8 ----
VK [%]	7.8	9.6	8.5	6.4	6.6
KGD (5%)	2.8	ns	6.7	4.9	5.2
KGD (1%)	3.8	ns	9.0	6.5	7.0
Versuchs-Streuung	3.5	3.8	4.1	2.9	3.2
FG Fehlerterm	152.0	38.0	38.0	38.0	38.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	2401.9	19	10.14 ***	1.66	0.0000
Anbauorte	2557.3	3	68.41 ***	2.66	0.0000
WW Verf.*Anb.Orte	1830.4	57	2.58 ***	1.41	0.0002
Fehler	1894.1	152			
Insgesamt	8683.7	231			

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

Verfahren	Seriemittel	9436 Balgach / SG
P9027	3.8 -----	3.8 -----
DKC 3441	2.8 ---	2.8 ---
RGT Planoxx	2.3 --	2.3 --
DKC 3361	3.0 ----	3.0 ----
Gottardo KWS	2.7 ---	2.7 ---
Toutati CS	2.5 ---	2.5 ---
RGT Turixxo	3.3 ----	3.3 ----
Kidemos KWS	2.5 ---	2.5 ---
DKC 3787	3.5 -----	3.5 -----
P8812	4.3 -----	4.3 -----
KXB6151	4.3 -----	4.3 -----
KXB7327	2.3 --	2.3 --
KXB7329	1.7 -	1.7 -
RGT Irenox	3.2 ----	3.2 ----
RGT Maxxatac	6.0 -----	6.0 -----
SA1826	6.0 -----	6.0 -----
Amaveritas	4.3 -----	4.3 -----
Sixtus	3.0 ----	3.0 ----
ES Gallery	2.2 --	2.2 --
ES Faraday	3.2 ----	3.2 ----
-Bezugsgrösse(n)	3.1 ----	3.1 ----
Versuchs-Mittel	3.4 ----	3.4 ----
VK [%]	37.0	37.0
KGD (5%)	2.0	2.0
KGD (1%)	2.7	2.7
Versuchs-Streuung	1.2	1.2
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

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

Verfahren	Seriemittel	9436 Balgach / SG
P9027	35.4 -----	35.4 -----
DKC 3441	22.9 ---	22.9 ---
RGT Planoxx	16.7 --	16.7 --
DKC 3361	25.0 ----	25.0 ----
Gottardo KWS	20.8 ---	20.8 ---
Toutati CS	18.8 ---	18.8 ---
RGT Turixxo	29.2 ----	29.2 ----
Kidemos KWS	18.8 ---	18.8 ---
DKC 3787	31.3 -----	31.3 -----
P8812	41.7 -----	41.7 -----
KXB6151	41.7 -----	41.7 -----
KXB7327	16.7 --	16.7 --
KXB7329	8.3 -	8.3 -
RGT Irenox	27.1 ----	27.1 ----
RGT Maxxatac	62.5 -----	62.5 -----
SA1826	62.5 -----	62.5 -----
Amaveritas	41.7 -----	41.7 -----
Sixtus	25.0 ----	25.0 ----
ES Gallery	14.6 --	14.6 --
ES Faraday	27.1 ----	27.1 ----
-Bezugsgrösse(n)	26.0 ----	26.0 ----
Versuchs-Mittel	29.4 ----	29.4 ----
VK [%]	52.7	52.7
KGD (5%)	25.6	25.6
KGD (1%)	34.3	34.3
Versuchs-Streuung	15.5	15.5
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

Plantes cassées pendant la végétation [note] / Stängelbruch Vegetation [Note]

Verfahren	Seriemittel	8194 Hüntwangen ZH	8566 Ellighausen TG
P9027	1.1 ---	1.2 ---	1.0 -
DKC 3441	1.0 -	1.0 -	1.0 -
RGT Planoxx	1.0 -	1.0 -	1.0 -
DKC 3361	1.0 -	1.0 -	1.0 -
Gottardo KWS	1.0 -	1.0 -	1.0 -
Toutati CS	1.0 -	1.0 -	1.0 -
RGT Turixxo	1.0 -	1.0 -	1.0 -
Kidemos KWS	1.0 --	1.1 --	1.0 -
DKC 3787	1.0 -	1.0 -	1.0 -
P8812	1.0 -	1.0 -	1.0 -
KXB6151	1.3 -----	1.7 -----	1.0 -
KXB7327	1.0 -	1.0 -	1.0 -
KXB7329	1.0 -	1.0 -	1.0 -
RGT Irenox	1.1 ---	1.2 ---	1.0 -
RGT Maxxatac	1.2 -----	1.3 -----	1.0 -
SA1826	1.1 ---	1.1 --	1.1 -----
Amaveritas	1.0 -	1.0 -	1.0 -
Sixtus	1.0 -	1.0 -	1.0 -
ES Gallery	1.0 -	1.0 -	1.0 -
ES Faraday	1.0 -	1.0 -	1.0 -
-Bezugsgrösse(n)	1.0 --	1.1 --	1.0 -
Versuchs-Mittel	1.0 --	1.1 --	1.0 -
VK [%]	19.9	27.2	2.6
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	0.2	0.3	0.0
FG Fehlerterm	76.0	38.0	38.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	0.8	19	0.95 ns	1.73	0.5275
Anbauorte	0.1	1	3.43 ns	3.96	0.0680
WW Verf.*Anb.Orte	0.8	19	0.95 ns	1.73	0.5238
Fehler	3.3	76			
Insgesamt	5.0	115			

Plantes cassées pendant la végétation [%] / Stängelbruch Vegetation [%]

Verfahren	Seriemittel	8194 Hüntwangen ZH	8566 Ellighausen TG
P9027	1.0 ---	2.1 ---	0.0 -
DKC 3441	0.0 -	0.0 -	0.0 -
RGT Planoxx	0.0 -	0.0 -	0.0 -
DKC 3361	0.0 -	0.0 -	0.0 -
Gottardo KWS	0.0 -	0.0 -	0.0 -
Toutati CS	0.0 -	0.0 -	0.0 -
RGT Turixxo	0.0 -	0.0 -	0.0 -
Kidemos KWS	0.4 --	0.8 --	0.0 -
DKC 3787	0.0 -	0.0 -	0.0 -
P8812	0.0 -	0.0 -	0.0 -
KXB6151	4.2 -----	8.3 -----	0.0 -
KXB7327	0.0 -	0.0 -	0.0 -
KXB7329	0.0 -	0.0 -	0.0 -
RGT Irenox	1.0 ---	2.1 ---	0.0 -
RGT Maxxatac	2.1 -----	4.2 -----	0.0 -
SA1826	0.8 ---	0.8 --	0.8 -----
Amaveritas	0.0 -	0.0 -	0.0 -
Sixtus	0.0 -	0.0 -	0.0 -
ES Gallery	0.0 -	0.0 -	0.0 -
ES Faraday	0.0 -	0.0 -	0.0 -
-Bezugsgrösse(n)	0.5 --	1.0 --	0.0 -
Versuchs-Mittel	0.5 --	0.9 --	0.0 -
VK [%]	540.3	397.9	774.6
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	2.6	3.6	0.3
FG Fehlerterm	76.0	38.0	38.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	120.9	19	0.95 ns	1.73	0.5275
Anbauorte	23.0	1	3.43 ns	3.96	0.0680
WW Verf.*Anb.Orte	121.3	19	0.95 ns	1.73	0.5238
Fehler	509.4	76			
Insgesamt	774.5	115			

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

Verfahren	Seriemittel	1567 Delley FR	8194 Hüntwangen ZH	8566 Ellighausen TG	9436 Balgach / SG
P9027	1.5 -----	1.0 -	2.7 -----	1.0 -	1.2 --
DKC 3441	1.1 --	1.0 -	1.0 -	1.0 -	1.4 --
RGT Planoxx	1.2 ---	1.0 -	1.8 -----	1.1 -----	1.0 -
DKC 3361	1.2 ---	1.3 ---	1.1 -	1.0 -	1.3 --
Gottardo KWS	1.4 -----	2.0 -----	1.1 -	1.0 -	1.3 --
Toutati CS	1.7 -----	1.3 ---	1.8 -----	1.0 -	2.7 -----
RGT Turixxo	1.4 -----	1.3 ---	1.5 -----	1.0 -	1.7 -----
Kidemos KWS	1.4 -----	1.3 ---	1.7 -----	1.0 -	1.7 -----
DKC 3787	1.2 ---	1.0 -	1.1 -	1.0 -	1.8 -----
P8812	1.4 -----	1.3 ---	1.6 -----	1.1 -----	1.4 --
KXB6151	1.2 ---	1.0 -	1.6 -----	1.0 -	1.0 -
KXB7327	1.6 -----	1.0 -	1.1 -	1.0 -	3.2 -----
KXB7329	1.0 -	1.0 -	1.0 -	1.0 -	1.0 -
RGT Irenox	1.3 -----	1.0 -	1.7 -----	1.1 -----	1.4 --
RGT Maxxatac	1.6 -----	1.3 ---	1.3 ---	1.0 -	2.6 -----
SA1826	1.4 -----	1.7 -----	1.4 ---	1.1 -----	1.7 -----
Amaveritas	1.5 -----	1.3 ---	2.4 -----	1.0 -	1.2 --
Sixxtus	1.7 -----	2.3 -----	2.1 -----	1.1 -----	1.2 -
ES Gallery	1.5 -----	1.7 -----	2.0 -----	1.0 -	1.5 ---
ES Faraday	1.5 -----	1.7 -----	1.7 -----	1.0 -	1.7 -----
-Bezugsgrösse(n)	1.4 -----	1.0 -	2.3 -----	1.0 -----	1.1 -
Versuchs-Mittel	1.4 -----	1.3 ---	1.6 -----	1.0 ---	1.6 ---
VK [%]	46.0	35.9	50.9	5.4	53.6
KGD (5%)	ns	ns	ns	ns	ns
KGD (1%)	ns	ns	ns	ns	ns
Versuchs-Streuung	0.6	0.5	0.8	0.1	0.9
FG Fehlerterm	152.0	38.0	38.0	38.0	38.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	8.5	19	1.11	ns	1.66	0.3470
Anbauorte	13.5	3	11.10	***	2.66	0.0000
WW Verf.*Anb.Orte	32.0	57	1.39	ns	1.41	0.0597
Fehler	61.5	152				
Insgesamt	115.6	231				

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

Verfahren	Seriemittel	1567 Delley FR	8194 Hüntwangen ZH	8566 Ellighausen TG	9436 Balgach / SG
P9027	6.0 -----	0.0 -	21.3 -----	0.0 -	2.9 --
DKC 3441	1.3 --	0.0 -	0.0 -	0.0 -	5.0 --
RGT Planoxx	2.8 ----	0.0 -	10.4 ----	0.8 -----	0.0 -
DKC 3361	2.1 ---	4.2 ---	0.8 -	0.0 -	3.3 --
Gottardo KWS	4.4 -----	12.5 -----	0.8 -	0.0 -	4.2 --
Toutati CS	8.8 -----	4.2 ---	10.0 ----	0.0 -	20.8 -----
RGT Turixxo	4.9 -----	4.2 ---	6.3 ----	0.0 -	9.3 ----
Kidemos KWS	5.4 -----	4.2 ---	9.2 ----	0.0 -	8.3 ----
DKC 3787	2.6 ---	0.0 -	0.8 -	0.0 -	9.6 ----
P8812	4.4 -----	4.2 ---	7.5 ----	0.8 -----	5.0 --
KXB6151	1.9 ---	0.0 -	7.5 ----	0.0 -	0.0 -
KXB7327	7.2 -----	0.0 -	1.7 -	0.0 -	27.1 -----
KXB7329	0.1 -	0.0 -	0.0 -	0.0 -	0.4 -
RGT Irenox	3.8 ----	0.0 -	9.2 ----	0.8 -----	5.0 --
RGT Maxxatac	7.1 -----	4.2 ---	4.2 ---	0.0 -	20.0 -----
SA1826	5.5 -----	8.3 -----	4.6 ---	0.8 -----	8.3 ----
Amaveritas	6.1 -----	4.2 ---	17.5 -----	0.0 -	2.9 --
Sixxtus	8.3 -----	16.7 -----	13.8 -----	0.8 -----	2.1 -
ES Gallery	6.8 -----	8.3 -----	12.9 -----	0.0 -	5.8 ----
ES Faraday	6.6 -----	8.3 -----	8.8 ----	0.0 -	9.2 ----
-Bezugsgrösse(n)	4.4 -----	0.0 -	15.8 -----	0.4 -----	1.5 -
Versuchs-Mittel	4.8 -----	4.2 ---	7.4 ----	0.2 ---	7.5 ----
VK [%]	165.7	143.5	137.5	331.5	143.3
KGD (5%)	ns	ns	ns	ns	ns
KGD (1%)	ns	ns	ns	ns	ns
Versuchs-Streuung	8.0	6.0	10.1	0.7	10.7
FG Fehlerterm	152.0	38.0	38.0	38.0	38.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0
Varianz-Analyse					
	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1333.0	19	1.11 ns	1.66	0.3470
Anbauorte	2106.5	3	11.10 ***	2.66	0.0000
WW Verf.*Anb.Orte	5004.4	57	1.39 ns	1.41	0.0597
Fehler	9613.4	152			
Insgesamt	18057.3	231			

Fusariose [note] / Stängelfäule [Note]

Verfahren	Seriemittel	1567 Delley FR	8194 Hüntwangen ZH	8566 Ellighausen TG	9436 Balgach / SG
P9027	2.5 -----	1.7 -----	5.0 -----	1.3 ----	2.0 ----
DKC 3441	3.3 -----	1.0 -	5.7 -----	2.0 -----	4.3 -----
RGT Planoxx	2.4 -----	1.0 -	5.3 -----	2.0 -----	1.3 --
DKC 3361	2.2 -----	1.0 -	4.2 ----	1.3 ----	2.3 ----
Gottardo KWS	2.7 -----	1.0 -	5.7 -----	2.0 -----	2.0 ----
Toutati CS	2.7 -----	1.0 -	4.7 -----	1.0 -	4.2 -----
RGT Turixxo	2.3 -----	1.0 -	5.0 -----	1.0 -	2.0 ----
Kidemos KWS	1.7 ---	1.0 -	3.0 ---	1.0 -	1.7 ---
DKC 3787	2.3 -----	2.3 -----	3.3 ----	1.0 -	2.3 ----
P8812	2.5 -----	1.0 -	4.8 -----	1.3 ----	2.7 -----
KXB6151	3.3 -----	1.0 -	7.7 -----	1.7 -----	2.7 -----
KXB7327	2.3 -----	1.0 -	3.7 ----	1.3 ----	3.0 -----
KXB7329	1.1 -	1.0 -	1.3 -	1.0 -	1.0 -
RGT Irenoxx	2.5 -----	1.0 -	5.7 -----	1.3 ----	2.2 ----
RGT Maxxatac	2.0 ----	1.0 -	3.0 ---	1.7 -----	2.5 ----
SA1826	1.5 ---	1.0 -	1.7 -	1.0 -	2.3 ----
Amaveritas	1.6 ---	1.0 -	2.3 --	1.0 -	2.0 ----
Sixxtus	2.1 ----	1.3 ---	3.0 ---	1.3 ----	2.7 -----
ES Gallery	2.2 -----	2.3 -----	3.7 ----	1.0 -	1.7 ---
ES Faraday	1.8 ----	1.3 ---	2.8 ---	1.0 -	2.0 ----
-Bezugsgrösse(n)	2.5 -----	1.3 ---	5.2 -----	1.7 -----	1.7 ---
Versuchs-Mittel	2.2 -----	1.2 --	4.1 -----	1.3 ----	2.3 -----
VK [%]	40.7	30.0	32.1	56.3	40.8
KGD (5%)	0.7	0.6	2.2	ns	1.6
KGD (1%)	1.0	0.8	2.9	ns	ns
Versuchs-Streuung	0.9	0.4	1.3	0.7	1.0
FG Fehlerterm	152.0	38.0	38.0	38.0	38.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	67.1	19	4.28 ***	1.66	0.0001
Anbauorte	318.7	3	128.74 ***	2.66	0.0000
WW Verf.*Anb.Orte	128.9	57	2.74 ***	1.41	0.0002
Fehler	125.4	152			
Insgesamt	640.2	231			

Fusariose [%] / Stängelfäule [%]

Verfahren	Seriemittel	1567 Delley FR	8194 Hüntwangen ZH	8566 Ellighausen TG	9436 Balgach / SG
P9027	18.8 -----	8.3 -----	50.0 -----	4.2 ----	12.5 ----
DKC 3441	28.1 -----	0.0 -	58.3 -----	12.5 -----	41.7 -----
RGT Planoxx	17.7 -----	0.0 -	54.2 -----	12.5 -----	4.2 --
DKC 3361	15.1 -----	0.0 -	39.6 ----	4.2 ----	16.7 ----
Gottardo KWS	20.8 -----	0.0 -	58.3 -----	12.5 -----	12.5 ----
Toutati CS	21.4 -----	0.0 -	45.8 -----	0.0 -	39.6 -----
RGT Turixxo	15.6 -----	0.0 -	50.0 -----	0.0 -	12.5 ----
Kidemos KWS	8.3 ---	0.0 -	25.0 ---	0.0 -	8.3 ---
DKC 3787	15.6 -----	16.7 -----	29.2 ----	0.0 -	16.7 ----
P8812	18.2 -----	0.0 -	47.9 -----	4.2 ----	20.8 -----
KXB6151	28.1 -----	0.0 -	83.3 -----	8.3 -----	20.8 -----
KXB7327	15.6 -----	0.0 -	33.3 ----	4.2 ----	25.0 -----
KXB7329	1.0 -	0.0 -	4.2 -	0.0 -	0.0 -
RGT Irenoxx	19.3 -----	0.0 -	58.3 -----	4.2 ----	14.6 ----
RGT Maxxatac	13.0 -----	0.0 -	25.0 ---	8.3 -----	18.8 ----
SA1826	6.3 ---	0.0 -	8.3 -	0.0 -	16.7 ----
Amaveritas	7.3 ---	0.0 -	16.7 --	0.0 -	12.5 ----
Sixxtus	13.5 -----	4.2 ---	25.0 ---	4.2 ----	20.8 -----
ES Gallery	14.6 -----	16.7 -----	33.3 ----	0.0 -	8.3 ---
ES Faraday	9.9 ----	4.2 ---	22.9 ---	0.0 -	12.5 ----
-Bezugsgrösse(n)	18.2 -----	4.2 ---	52.1 -----	8.3 -----	8.3 ---
Versuchs-Mittel	15.4 -----	2.5 --	38.4 -----	4.0 ----	16.8 -----
VK [%]	73.7	180.2	42.5	234.2	71.2
KGD (5%)	9.2	7.4	27.0	ns	19.7
KGD (1%)	12.1	10.0	36.2	ns	ns
Versuchs-Streuung	11.4	4.5	16.3	9.3	11.9
FG Fehlerterm	152.0	38.0	38.0	38.0	38.0
Anz. Beob.	12.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	10490.9	19	4.28 ***	1.66	0.0001
Anbauorte	49795.6	3	128.74 ***	2.66	0.0000
WW Verf.*Anb.Orte	20145.8	57	2.74 ***	1.41	0.0002
Fehler	19597.7	152			
Insgesamt	100029.9	231			

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	1260 Nyon	9436 Balgach / SG
P9027	4.8 -----	1.6 ---	8.0 -----
DKC 3441	3.5 ----	1.2 --	5.8 ----
RGT Planoxx	3.9 -----	1.7 ---	6.2 -----
DKC 3361	2.0 ---	1.3 --	2.6 --
Gottardo KWS	7.5 -----	0.9 --	14.2 -----
Toutati CS	5.0 -----	0.0 -	10.1 -----
RGT Turixxo	1.9 ---	0.0 -	3.9 ---
Kidemos KWS	6.7 -----	7.2 -----	6.2 ----
DKC 3787	1.1 --	0.0 -	2.1 --
P8812	1.0 --	0.8 --	1.2 -
KXB6151	5.6 -----	0.4 -	10.7 -----
KXB7327	1.7 ---	1.7 ---	1.8 --
KXB7329	2.2 ---	2.5 ----	1.9 --
RGT Irenox	4.8 -----	0.5 -	9.0 -----
RGT Maxxatac	0.3 -	0.0 -	0.6 -
SA1826	5.0 -----	2.1 ----	7.8 -----
Amaveritas	3.1 ----	1.2 --	5.0 ----
Sixtus	3.9 -----	0.4 -	7.4 -----
ES Gallery	0.3 -	0.0 -	0.5 -
ES Faraday	1.3 --	0.9 --	1.7 -
-Bezugsgrösse(n)	4.4 -----	1.7 ---	7.1 -----
Versuchs-Mittel	3.3 ----	1.2 --	5.3 ----
VK [%]	92.6	142.8	73.5
KGD (5%)	3.5	2.9	6.5
KGD (1%)	4.6	3.9	8.7
Versuchs-Streuung	3.0	1.8	3.9
FG Fehlerterm	76.0	38.0	38.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	513.8	19	2.93 ***	1.73	0.0006
Anbauorte	506.3	1	54.90 ***	3.96	0.0000
WW Verf.*Anb.Orte	477.7	19	2.73 ***	1.73	0.0009
Fehler	700.9	76			
Insgesamt	2198.6	115			

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

Verfahren	Seriemittel	1260Nyon
P9027	2.1 -	2.1 -
DKC 3441	6.7 -----	6.7 -----
RGT Planoxx	4.8 ----	4.8 ----
DKC 3361	5.7 ----	5.7 ----
Gottardo KWS	10.4 -----	10.4 -----
Toutati CS	2.4 -	2.4 -
RGT Turixxo	3.8 ---	3.8 ---
Kidemos KWS	6.5 -----	6.5 -----
DKC 3787	3.4 --	3.4 --
P8812	7.8 -----	7.8 -----
KXB6151	7.5 -----	7.5 -----
KXB7327	6.1 -----	6.1 -----
KXB7329	4.2 ---	4.2 ---
RGT Irenox	8.3 -----	8.3 -----
RGT Maxxatac	6.8 -----	6.8 -----
SA1826	3.8 ---	3.8 ---
Amaveritas	4.0 ---	4.0 ---
Sixtus	7.7 -----	7.7 -----
ES Gallery	2.1 -	2.1 -
ES Faraday	6.2 -----	6.2 -----
-Bezugsgrösse(n)	3.4 --	3.4 --
Versuchs-Mittel	5.5 ----	5.5 ----
VK [%]	53.8	53.8
KGD (5%)	ns	ns
KGD (1%)	ns	ns
Versuchs-Streuung	3.0	3.0
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

Impression générale [note] / Allgemeiner Eindruck [Note]

Verfahren	Seriemittel		1567 Delley FR	
P9027	2.3	-----	2.3	-----
DKC 3441	2.0	----	2.0	----
RGT Planoxx	1.3	--	1.3	--
DKC 3361	1.0	-	1.0	-
Gottardo KWS	3.3	-----	3.3	-----
Toutati CS	3.0	-----	3.0	-----
RGT Turixxo	1.0	-	1.0	-
Kidemos KWS	2.0	----	2.0	----
DKC 3787	2.7	-----	2.7	-----
P8812	1.3	--	1.3	--
KXB6151	2.3	-----	2.3	-----
KXB7327	1.7	---	1.7	---
KXB7329	1.3	--	1.3	--
RGT Irenox	1.7	---	1.7	---
RGT Maxxatac	1.3	--	1.3	--
SA1826	3.0	-----	3.0	-----
Amaveritas	1.3	--	1.3	--
Sixtus	2.7	-----	2.7	-----
ES Gallery	2.3	-----	2.3	-----
ES Faraday	2.0	----	2.0	----
-Bezugsgrösse(n)	1.8	----	1.8	----
Versuchs-Mittel	2.0	----	2.0	----
VK [%]	37.7		37.7	
KGD (5%)	1.2		1.2	
KGD (1%)	1.7		1.7	
Versuchs-Streuung	0.7		0.7	
FG Fehlerterm	38.0		38.0	
Anz. Beob.	3.0		3.0	

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

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8194 Hüntw. ZH
P9027	8.5 -----	8.1 -----	8.8 -	7.9 -----	8.4 -----
DKC 3441	8.7 -----	8.0 -----	8.8 -	8.1 -----	8.6 -----
RGT Planoxx	8.6 -----	7.8 -----	8.8 -	8.3 -----	8.7 -----
DKC 3361	8.6 -----	7.7 -----	8.8 -	7.9 -----	8.7 -----
Gottardo KWS	8.6 -----	7.4 ---	8.8 -	8.3 -----	8.6 -----
Toutati CS	8.7 -----	8.3 -----	8.8 -	8.3 -----	8.9 -----
RGT Turixxo	8.8 -----	8.1 -----	8.8 -	8.2 -----	9.0 -----
Kidemos KWS	8.8 -----	8.0 -----	8.8 -	8.3 -----	8.4 -----
DKC 3787	9.0 -----	7.9 -----	8.8 -	8.2 -----	8.8 -----
P8812	8.9 -----	8.1 -----	8.8 -	8.4 -----	8.6 -----
KXB6151	8.9 -----	8.2 -----	8.8 -	8.3 -----	8.6 -----
KXB7327	8.8 -----	8.1 -----	8.8 -	8.4 -----	8.8 -----
KXB7329	8.5 -----	8.0 -----	8.8 -	7.9 -----	8.3 -----
RGT Irenoxx	8.0 -	7.0 -	8.8 -	7.4 -	7.1 -
RGT Maxxatac	8.6 -----	7.5 -----	8.8 -	8.1 -----	8.6 -----
SA1826	8.6 -----	7.9 -----	8.8 -	8.0 -----	8.5 -----
Amaveritas	8.8 -----	8.4 -----	8.8 -	8.5 -----	8.8 -----
Sixxtus	8.5 -----	7.8 -----	8.8 -	8.1 -----	8.5 -----
ES Gallery	8.7 -----	7.9 -----	8.8 -	8.1 -----	8.4 -----
ES Faraday	8.6 -----	7.6 -----	8.8 -	8.1 -----	8.3 -----
-Bezugsgrösse(n)	8.6 -----	8.0 -----	8.8 -	8.1 -----	8.5 -----
Versuchs-Mittel	8.7 -----	7.9 -----	8.8 -	8.2 -----	8.5 -----
VK [%]	4.4	4.1	0.0	5.0	7.1
KGD (5%)	0.3	0.5	ns	ns	ns
KGD (1%)	0.3	0.7	ns	ns	ns
Versuchs-Streuung	0.4	0.3	0.0	0.4	0.6
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	15.7	19	5.62 ***	1.63	0.0000
Anbauorte	117.0	5	159.35 ***	2.26	0.0000
WW Verf.*Anb.Orte	19.8	95	1.42 ns	1.32	
Fehler	33.5	228			
Insgesamt	186.0	347			

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

Verfahren	8566 Ellighausen TG	9436 Balgach / SG
P9027	8.9 -	9.3 ---
DKC 3441	9.4 -----	9.5 ---
RGT Planoxx	9.1 ---	9.0 --
DKC 3361	9.1 ---	9.3 ---
Gottardo KWS	9.0 --	9.7 -----
Toutati CS	9.3 -----	8.9 -
RGT Turixxo	9.2 ---	9.8 -----
Kidemos KWS	9.2 ---	10.1 -----
DKC 3787	9.8 -----	10.7 -----
P8812	9.1 ---	10.2 -----
KXB6151	9.4 -----	10.0 -----
KXB7327	9.1 ---	9.9 -----
KXB7329	9.1 -----	9.2 ---
RGT Irenoxx	9.0 --	8.7 -
RGT Maxxatac	9.1 ---	9.6 -----
SA1826	9.0 --	9.3 ---
Amaveritas	9.1 ---	9.4 ----
Sixxtus	9.0 --	9.0 --
ES Gallery	9.1 ---	9.9 -----
ES Faraday	9.4 -----	9.8 -----
-Bezugsgrösse(n)	9.0 --	9.1 ---
Versuchs-Mittel	9.2 ----	9.6 -----
VK [%]	2.7	4.4
KGD (5%)	0.4	0.7
KGD (1%)	ns	0.9
Versuchs-Streuung	0.3	0.4
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

Rendement grain (14% H₂O) [dt/ha] / Kornertrag (14% H₂O) [dt/ha]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8194 Hüntw. ZH
P9027	162.1 -----	134.8 -----	175.1 -----	148.1 -----	120.0 ----
DKC 3441	147.6 -	131.6 -----	152.0 ----	131.7 -	122.8 ----
RGT Planoxx	153.4 ---	131.2 -----	155.8 ----	136.9 ---	124.8 ----
DKC 3361	149.8 --	127.4 -----	154.4 ----	142.9 -----	114.5 --
Gottardo KWS	154.8 ----	118.7 ----	140.1 -	158.4 -----	121.5 ----
Toutati CS	150.8 --	122.6 ----	152.3 ----	139.9 ----	135.0 -----
RGT Turixxo	156.4 ----	131.3 -----	164.1 -----	138.7 ---	122.4 ----
Kidemos KWS	163.6 -----	139.9 -----	164.8 -----	161.0 -----	133.1 -----
DKC 3787	157.8 ----	136.6 -----	158.6 ----	148.0 ----	124.4 ----
P8812	158.3 ----	111.6 --	169.6 -----	152.5 -----	135.5 -----
KXB6151	155.4 ----	127.6 -----	177.9 -----	148.4 -----	110.3 -
KXB7327	151.1 --	127.3 -----	161.4 -----	140.0 ----	115.9 --
KXB7329	150.7 --	128.1 -----	147.5 --	147.9 -----	126.9 -----
RGT Irenox	146.7 -	108.4 -	156.9 ----	143.4 ----	119.5 ---
RGT Maxxatac	154.5 ----	125.8 ----	152.2 ----	154.1 -----	135.6 -----
SA1826	153.1 ---	134.9 -----	159.9 ----	130.3 -	126.9 -----
Amaveritas	147.7 -	127.5 -----	157.8 ----	141.2 ----	115.5 --
Sixxtus	157.1 ----	124.4 ----	171.1 -----	142.5 ----	122.2 ----
ES Gallery	172.1 -----	134.5 -----	174.6 -----	160.4 -----	143.0 -----
ES Faraday	168.7 -----	130.9 -----	175.4 -----	160.2 -----	143.4 -----
-Bezugsgrösse(n)	157.8 ----	133.0 -----	165.4 -----	142.5 ----	122.4 ----
Versuchs-Mittel	155.6 ----	127.8 -----	161.1 -----	146.3 -----	125.7 -----
VK [%]	6.0	6.6	5.6	6.0	5.9
KGD (5%)	6.2	13.9	14.8	14.6	12.2
KGD (1%)	8.1	18.6	19.8	19.5	16.4
Versuchs-Streuung	9.4	8.4	9.0	8.8	7.4
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	15887.9	19	9.45 ***	1.63	0.0000
Anbauorte	223162.7	5	504.51 ***	2.26	0.0000
WW Verf.*Anb.Orte	17823.6	95	2.12 ***	1.32	0.0004
Fehler	20170.4	228			
Insgesamt	277044.6	347			

Rendement grain (14% H₂O) [dt/ha] / Kornertrag (14% H₂O) [dt/ha]

Verfahren	8566 Ellighausen TG	9436 Balgach / SG
P9027	188.4 -----	206.4 -----
DKC 3441	168.0 --	179.7 ---
RGT Planoxx	177.8 ----	194.1 -----
DKC 3361	164.9 -	194.8 -----
Gottardo KWS	194.7 -----	195.5 -----
Toutati CS	174.7 ---	180.3 ---
RGT Turixxo	181.5 ----	200.5 -----
Kidemos KWS	187.3 -----	195.0 -----
DKC 3787	186.7 -----	192.7 -----
P8812	186.6 -----	194.0 -----
KXB6151	173.4 ---	194.6 -----
KXB7327	184.3 -----	177.7 --
KXB7329	170.5 --	183.5 ----
RGT Irenox	181.8 ----	170.4 -
RGT Maxxatac	181.5 ----	177.9 --
SA1826	187.2 -----	179.4 ---
Amaveritas	162.8 -	181.3 ---
Sixxtus	183.4 -----	199.0 -----
ES Gallery	204.5 -----	215.5 -----
ES Faraday	198.5 -----	203.6 -----
-Bezugsgrösse(n)	183.1 ----	200.2 -----
Versuchs-Mittel	181.9 ----	190.8 ----
VK [%]	5.7	6.2
KGD (5%)	17.2	19.5
KGD (1%)	23.1	26.1
Versuchs-Streuung	10.4	11.8
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

Rendement relatif [%] / Relativertrag [%]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8194 Hüntw. ZH
P9027	102.5 -----	101.4 -----	105.8 -----	103.9 -----	98.0 ----
DKC 3441	94.2 -	99.0 -----	91.9 ----	92.4 -	100.3 ----
RGT Planoxx	97.5 ---	98.6 -----	94.2 ----	96.1 ---	102.0 ----
DKC 3361	95.1 --	95.8 -----	93.4 ----	100.3 ----	93.5 --
Gottardo KWS	98.0 ----	89.3 ----	84.7 -	111.1 -----	99.2 ----
Toutati CS	96.3 ---	92.2 ----	92.1 ----	98.1 ----	110.3 -----
RGT Turixxo	99.1 ----	98.7 -----	99.2 -----	97.3 ---	100.0 ----
Kidemos KWS	104.4 -----	105.2 -----	99.6 -----	113.0 -----	108.7 -----
DKC 3787	100.4 ----	102.7 -----	95.9 ----	103.8 ----	101.6 ----
P8812	100.5 ----	84.0 --	102.5 -----	107.0 -----	110.7 -----
KXB6151	98.3 ----	96.0 -----	107.5 -----	104.1 ----	90.1 -
KXB7327	95.9 --	95.7 -----	97.5 ----	98.2 ----	94.7 --
KXB7329	96.3 ---	96.4 -----	89.1 ---	103.7 ----	103.7 ----
RGT Irenoxx	93.2 -	81.5 -	94.8 ----	100.6 ----	97.6 ---
RGT Maxxatac	98.9 ----	94.6 ----	92.0 ----	108.1 -----	110.8 -----
SA1826	97.5 ---	101.4 -----	96.7 ----	91.4 -	103.7 ----
Amaveritas	94.0 -	95.9 -----	95.4 ----	99.0 ----	94.4 --
Sixxtus	99.4 ----	93.6 ----	103.4 -----	100.0 ----	99.8 ----
ES Gallery	109.2 -----	101.2 -----	105.5 -----	112.5 -----	116.8 -----
ES Faraday	107.3 -----	98.5 ----	106.0 -----	112.4 -----	117.1 -----
-Bezugsgrösse(n)	100.0 -----	100.0 -----	100.0 -----	100.0 -----	100.0 -----
Versuchs-Mittel	98.9 ----	96.1 ----	97.4 ----	102.7 ----	102.7 ----
VK [%]	6.0	6.6	5.6	6.0	5.9
KGD (5%)	3.9	10.5	9.0	10.2	10.0
KGD (1%)	5.1	14.0	12.0	13.7	13.4
Versuchs-Streuung	5.9	6.3	5.4	6.2	6.0
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	6256.0	19	9.35 ***	1.63	0.0000
Anbauorte	3102.4	5	17.63 ***	2.26	0.0000
WW Verf.*Anb.Orte	7535.6	95	2.25 ***	1.32	0.0003
Fehler	8024.9	228			
Insgesamt	24918.9	347			

Rendement relatif [%] / Relativertrag [%]

Verfahren	8566 Ellighausen TG	9436 Balgach / SG
P9027	102.9 -----	103.1 -----
DKC 3441	91.7 --	89.7 ---
RGT Planoxx	97.1 ----	96.9 ----
DKC 3361	90.0 -	97.3 ----
Gottardo KWS	106.3 -----	97.6 ----
Toutati CS	95.4 ---	90.0 ---
RGT Turixxo	99.1 ----	100.1 -----
Kidemos KWS	102.3 -----	97.4 ----
DKC 3787	101.9 ----	96.2 ----
P8812	101.9 ----	96.9 ----
KXB6151	94.7 ---	97.2 ----
KXB7327	100.6 -----	88.7 --
KXB7329	93.1 --	91.7 ----
RGT Irenoxx	99.3 ----	85.1 -
RGT Maxxatac	99.1 ----	88.9 --
SA1826	102.2 -----	89.6 ---
Amaveritas	88.9 -	90.6 ---
Sixxtus	100.1 -----	99.4 -----
ES Gallery	111.7 -----	107.6 -----
ES Faraday	108.4 -----	101.7 -----
-Bezugsgrösse(n)	100.0 -----	100.0 -----
Versuchs-Mittel	99.3 ----	95.3 ----
VK [%]	5.7	6.2
KGD (5%)	9.4	9.7
KGD (1%)	12.6	13.0
Versuchs-Streuung	5.7	5.9
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	1260 Nyon	1567 Delley FR	3065 Habstetten	8194 Hüntw. ZH
P9027	79.5 -----	82.8 -----	77.1 -----	77.8 -----	83.8 -----
DKC 3441	80.4 -----	83.4 -----	79.2 -----	79.0 -----	83.1 -----
RGT Planoxx	80.7 -----	83.0 -----	79.2 -----	79.8 -----	84.0 -----
DKC 3361	80.8 -----	84.0 -----	78.8 -----	79.8 -----	83.3 -----
Gottardo KWS	79.1 -----	81.9 -----	77.8 -----	75.2 -	82.6 -----
Toutati CS	80.5 -----	84.0 -----	79.4 -----	79.3 -----	83.5 -----
RGT Turixxo	79.7 -----	83.4 -----	76.2 -----	79.5 -----	82.6 -----
Kidemos KWS	78.9 -----	83.1 -----	76.7 -----	77.9 -----	81.3 -----
DKC 3787	79.7 -----	83.7 -----	77.1 -----	79.0 -----	82.5 -----
P8812	79.4 -----	82.4 -----	77.1 -----	77.9 -----	81.8 -----
KXB6151	79.2 -----	80.9 -	77.7 -----	75.2 -	84.3 -----
KXB7327	80.6 -----	83.8 -----	78.1 -----	79.8 -----	82.9 -----
KXB7329	80.0 -----	83.0 -----	78.1 -----	78.9 -----	82.0 -----
RGT Irenoxx	77.6 -	82.2 -----	74.0 -	76.4 ---	79.7 --
RGT Maxxatac	79.1 -----	82.7 -----	76.7 -----	78.1 -----	81.8 -----
SA1826	78.4 ---	81.4 --	77.0 -----	78.5 -----	78.8 -
Amaveritas	79.5 -----	82.8 -----	77.6 -----	77.7 -----	81.7 -----
Sixxtus	77.9 --	82.0 -----	75.5 ---	75.4 -	79.8 --
ES Gallery	78.6 ---	81.4 --	76.5 -----	77.3 -----	81.4 -----
ES Faraday	78.3 ---	82.0 -----	75.6 ---	78.0 -----	80.5 -----
-Bezugsgrösse(n)	80.1 -----	82.9 -----	78.2 -----	78.8 -----	83.9 -----
Versuchs-Mittel	79.4 -----	82.7 -----	77.3 -----	78.0 -----	82.1 -----
VK [%]	1.1	0.8	1.2	0.9	1.0
KGD (5%)	0.6	1.1	1.6	1.1	1.4
KGD (1%)	0.8	1.4	2.1	1.5	1.9
Versuchs-Streuung	0.9	0.6	0.9	0.7	0.8
FG Fehlerterm	228.0	38.0	38.0	38.0	38.0
Anz. Beob.	18.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	293.6	19	19.97 ***	1.63	0.0000
Anbauorte	2658.3	5	687.20 ***	2.26	0.0000
WW Verf.*Anb.Orte	227.6	95	3.10 ***	1.32	0.0001
Fehler	176.4	228			
Insgesamt	3355.9	347			

Précocité [% MS] / Frühreife [% TS]

Verfahren	8566 Ellighausen TG	9436 Balgach / SG
P9027	74.3 ----	81.1 -----
DKC 3441	76.1 -----	81.5 -----
RGT Planoxx	76.5 -----	81.5 -----
DKC 3361	76.9 -----	82.1 -----
Gottardo KWS	76.6 -----	80.7 -----
Toutati CS	75.0 -----	81.9 -----
RGT Turixxo	75.3 -----	80.9 -----
Kidemos KWS	73.0 -	81.5 -----
DKC 3787	74.8 -----	81.1 -----
P8812	75.3 -----	81.8 -----
KXB6151	76.8 -----	80.4 ---
KXB7327	77.1 -----	82.0 -----
KXB7329	76.6 -----	81.4 -----
RGT Irenoxx	73.9 ---	79.6 -
RGT Maxxatac	74.4 -----	80.9 -----
SA1826	74.8 -----	80.0 --
Amaveritas	75.3 -----	81.6 -----
Sixxtus	74.1 ---	80.9 -----
ES Gallery	74.5 -----	80.5 -----
ES Faraday	73.7 --	80.1 --
-Bezugsgrösse(n)	75.4 -----	81.3 -----
Versuchs-Mittel	75.3 -----	81.1 -----
VK [%]	1.8	0.7
KGD (5%)	2.2	0.9
KGD (1%)	ns	1.3
Versuchs-Streuung	1.4	0.6
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

Humidité moissonneuse [% H₂O] / Feuchtigkeit Erntemaschine [% H₂O]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8194 Hüntw. ZH	8566 Elligh. TG
P9027	20.2 ----	17.2 -----	22.2 -----	13.2 -	29.7 -----
DKC 3441	20.5 -----	16.6 ---	21.0 --	16.6 ---	28.6 -----
RGT Planoxx	19.5 ---	17.0 ----	20.2 -	13.8 -	26.7 ----
DKC 3361	18.2 -	16.0 -	20.2 -	13.8 -	23.5 -
Gottardo KWS	22.7 -----	18.1 -----	24.8 -----	18.8 -----	28.9 -----
Toutati CS	19.3 ---	16.0 -	20.7 --	14.7 --	26.2 ----
RGT Turixxo	20.3 ----	16.6 ---	20.5 -	15.5 --	27.6 -----
Kidemos KWS	19.9 ----	16.9 ----	22.1 -----	14.7 --	30.1 -----
DKC 3787	19.8 ---	16.3 --	21.0 --	15.1 --	27.9 -----
P8812	21.1 -----	17.6 -----	22.1 -----	16.9 ----	29.5 -----
KXB6151	21.8 -----	19.1 -----	24.8 -----	13.9 -	28.0 -----
KXB7327	17.9 -	16.2 -	20.2 -	13.9 -	23.6 -
KXB7329	19.5 ---	17.0 ----	21.1 ---	15.6 ---	25.2 ---
RGT Irenox	22.9 -----	17.8 -----	23.6 -----	19.5 -----	30.2 -----
RGT Maxxatac	20.9 ----	17.3 ----	21.9 ----	17.0 ----	29.3 -----
SA1826	24.2 -----	18.6 -----	21.5 ---	25.2 -----	30.5 -----
Amaveritas	21.1 -----	17.2 ----	22.3 ----	16.9 ----	29.3 -----
Sixxtus	24.3 -----	18.0 -----	24.6 -----	23.9 -----	32.3 -----
ES Gallery	23.7 -----	18.6 -----	22.7 -----	22.4 -----	31.0 -----
ES Faraday	22.2 -----	18.0 -----	22.0 -----	19.4 -----	31.7 -----
-Bezugsgrösse(n)	19.9 ----	17.1 ----	21.2 ---	13.5 -	28.2 -----
Versuchs-Mittel	21.0 -----	17.3 ----	22.0 ----	17.0 ----	28.5 -----
VK [%]	6.3	3.7	3.1	10.1	7.0
KGD (5%)	0.9	1.1	1.1	2.9	3.3
KGD (1%)	1.3	1.4	1.5	3.8	4.4
Versuchs-Streuung	1.3	0.6	0.7	1.7	2.0
FG Fehlerterm	190.0	38.0	38.0	38.0	38.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0
Varianz-Analyse					
	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	993.6	19	30.11 ***	1.64	0.0000
Anbauorte	5218.2	4	751.19 ***	2.42	0.0000
WW Verf.*Anb.Orte	621.3	76	4.71 ***	1.36	0.0000
Fehler	330.0	190			
Insgesamt	7163.1	289			

Humidité moissonneuse [% H₂O] / Feuchtigkeit Erntemaschine [% H₂O]

Verfahren	9436 Balgach / SG
P9027	18.5 ----
DKC 3441	19.7 -----
RGT Planoxx	19.9 -----
DKC 3361	17.5 ---
Gottardo KWS	22.9 -----
Toutati CS	19.0 ----
RGT Turixxo	21.3 -----
Kidemos KWS	15.6 -
DKC 3787	18.5 ----
P8812	19.2 ----
KXB6151	23.1 -----
KXB7327	15.7 -
KXB7329	18.3 ---
RGT Irenox	23.5 -----
RGT Maxxatac	19.0 ----
SA1826	25.3 -----
Amaveritas	20.0 ----
Sixxtus	22.8 -----
ES Gallery	23.6 -----
ES Faraday	20.0 ----
-Bezugsgrösse(n)	19.2 ----
Versuchs-Mittel	20.2 -----
VK [%]	4.5
KGD (5%)	1.5
KGD (1%)	2.0
Versuchs-Streuung	0.9
FG Fehlerterm	38.0
Anz. Beob.	3.0

Humidité appareil laboratoire [% H₂O] / Feuchtigkeit Laborgerät [% H₂O]

Verfahren	Seriemittel	1567 Delley FR
P9027	22.9 ----	22.9 ----
DKC 3441	20.8 -	20.8 -
RGT Planoxx	20.8 -	20.8 -
DKC 3361	21.2 --	21.2 --
Gottardo KWS	22.2 ----	22.2 ----
Toutati CS	20.6 -	20.6 -
RGT Turixxo	23.8 -----	23.8 -----
Kidemos KWS	23.3 -----	23.3 -----
DKC 3787	22.9 -----	22.9 -----
P8812	22.9 -----	22.9 -----
KXB6151	22.3 ----	22.3 ----
KXB7327	21.9 ---	21.9 ---
KXB7329	21.9 ---	21.9 ---
RGT Irenox	26.0 -----	26.0 -----
RGT Maxxatac	23.3 -----	23.3 -----
SA1826	23.0 ----	23.0 ----
Amaveritas	22.4 ----	22.4 ----
Sixxtus	24.5 -----	24.5 -----
ES Gallery	23.5 -----	23.5 -----
ES Faraday	24.4 -----	24.4 -----
-Bezugsgrösse(n)	21.9 ---	21.9 ---
Versuchs-Mittel	22.7 ----	22.7 ----
VK [%]	4.2	4.2
KGD (5%)	1.6	1.6
KGD (1%)	2.1	2.1
Versuchs-Streuung	0.9	0.9
FG Fehlerterm	38.0	38.0
Anz. Beob.	3.0	3.0

PHL moissonneuse [kg/hl] / HLG Mährescher [kg/hl]

Verfahren	Seriemittel	1260 Nyon	3065 Habstetten	8194 Hüntw. ZH	8566 Elligh. TG
P9027	70.2 ---	73.9 --	71.3 ----	70.1 -----	66.4 --
DKC 3441	72.4 -----	76.3 -----	73.7 -----	72.4 -----	69.0 -----
RGT Planoxx	72.9 -----	76.2 -----	74.2 -----	72.9 -----	69.6 -----
DKC 3361	71.9 -----	75.3 -----	73.6 -----	71.1 -----	68.4 -----
Gottardo KWS	72.8 -----	77.4 -----	71.4 ----	73.4 -----	70.0 -----
Toutati CS	72.1 -----	75.9 -----	73.4 -----	72.9 -----	67.9 -----
RGT Turixxo	72.3 -----	76.5 -----	73.4 -----	71.7 -----	68.5 -----
Kidemos KWS	68.7 -	72.7 -	69.5 -	67.3 -	65.6 -
DKC 3787	70.7 ----	74.2 ---	71.4 ----	71.0 -----	66.8 ---
P8812	71.2 -----	74.7 ----	72.6 -----	70.2 ----	67.8 ----
KXB6151	71.3 -----	74.6 ----	70.0 --	70.6 -----	70.3 -----
KXB7327	70.3 ----	73.3 --	71.2 ---	69.7 ----	67.7 ----
KXB7329	70.6 ----	74.2 ---	71.0 ---	70.4 ----	67.8 ----
RGT Irenoxx	70.0 ---	75.2 -----	69.3 -	69.2 ---	66.8 ---
RGT Maxxatac	70.4 ----	74.9 ----	71.4 ----	70.5 -----	65.8 -
SA1826	74.2 -----	78.9 -----	75.8 -----	72.6 -----	71.1 -----
Amaveritas	72.0 -----	77.4 -----	72.5 -----	71.1 -----	67.9 -----
Sixxtus	71.9 -----	76.5 -----	72.0 ----	70.8 ----	68.7 -----
ES Gallery	72.2 -----	76.5 -----	72.7 -----	73.1 -----	67.4 ----
ES Faraday	70.2 ---	74.7 ----	71.2 ----	69.8 ----	65.8 -
-Bezugsgrösse(n)	71.5 -----	75.0 ----	72.7 -----	71.5 -----	68.0 -----
Versuchs-Mittel	71.4 -----	75.5 ----	72.1 -----	71.0 -----	68.0 -----
VK [%]	1.0	0.9	0.9	1.2	1.0
KGD (5%)	0.5	1.1	1.1	1.4	1.1
KGD (1%)	0.7	1.4	1.5	1.9	1.4
Versuchs-Streuung	0.7	0.6	0.7	0.9	0.7
FG Fehlerterm	190.0	38.0	38.0	38.0	38.0
Anz. Beob.	15.0	3.0	3.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	466.7	19	46.81 ***	1.64	0.0000
Anbauorte	1765.4	4	841.02 ***	2.42	0.0000
WW Verf.*Anb.Orte	148.0	76	3.71 ***	1.36	0.0000
Fehler	99.7	190			
Insgesamt	2479.9	289			

PHL moissonneuse [kg/hl] / HLG Mährescher [kg/hl]

Verfahren	9436 Balgach / SG
P9027	69.4 ---
DKC 3441	70.8 -----
RGT Planoxx	71.5 -----
DKC 3361	71.0 -----
Gottardo KWS	72.0 -----
Toutati CS	70.6 -----
RGT Turixxo	71.5 -----
Kidemos KWS	68.6 -
DKC 3787	69.9 ----
P8812	70.5 ----
KXB6151	71.1 -----
KXB7327	69.8 ----
KXB7329	69.7 ---
RGT Irenoxx	69.7 ---
RGT Maxxatac	69.6 ---
SA1826	72.6 -----
Amaveritas	71.2 -----
Sixxtus	71.7 -----
ES Gallery	71.4 -----
ES Faraday	69.6 ---
-Bezugsgrösse(n)	70.5 -----
Versuchs-Mittel	70.6 -----
VK [%]	1.1
KGD (5%)	1.3
KGD (1%)	1.7
Versuchs-Streuung	0.8
FG Fehlerterm	38.0
Anz. Beob.	3.0

4 Südlich der Alpen / Sud des Alpes

Anmerkung: Der Einfachheit halber wurden die sehr kleinen Versuchsserien mittelfrüh und mittelspät südlich der Alpen in einem einzigen Feldversuch angelegt. Die Standort-, Sorten- und Bewirtschaftungsmassnahmen werden nur einmal präsentiert, die Indexberechnung, die Zusammenfassung sowie die ortsspezifischen Daten werden aber für jede Reifegruppe getrennt dargestellt.

4.1.1 Standortangaben / Informations des lieux

PLZ / N°p.	Ort / Lieu	m.ü.M. / altitude	2018	
			Saattermin / date de semis	Erntetermin / date de récolte
1896	Vouvry	404	24.4.18	10.10.18 *
6593	Cadenazzo	204	24.4.18	2.10.18
6594	Contone	204	24.4.18	2.10.18

* Daten nicht für Auswertung berücksichtigt / données non prises en compte pour les mises en valeur.

4.1.2 Sorten / Status

Name / Nom	Synonym	Hybrid Typ	Züchter / Obtenteur	Vertreter / Représentant	KM	SM
Maxxis	RH0130	SC	RAGT, F	Fenaco, Moudon	KM41/S	
P9903	X00C209	SC	Pioneer, USA	Pioneer, Manno	KM41/S	
RGT Prefixx	RH13011	SC	RAGT 2n	Fenaco, Moudon	KM41/e2	
P0725	X8K803	SC	Pioneer, USA	Pioneer, Manno	KM42/S	
KWS 2373	KXB2373	SC	KWS, Einbeck	KWS Suisse SA, Basel	KM42/S	
P9911	X00B109	SC	Pioneer, USA	Pioneer, Manno	KM42/e1	SM21/e1
P0312	X00F837	SC	Pioneer, USA	Pioneer, Manno	FS	
P9537	X95D543	SC	Pioneer, USA	Pioneer, Manno	FS	
ES Gallery			Euralis, F	Euralis	FS	
ES Faraday	ESZ5303		Euralis, F	Euralis	FS	

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

Technische Versuchsangaben / données techniques / technical information		
Standort / lieu / site:	Cadenazzo, Contone (203 m ü.M.)	Vouvry (404 m ü.M.)
Bodenart / type de sol / soil type:	Sableux	limono sableux
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):	580.9 mm (Somme Prec. Meteostation Magadino) + 3 irrigations de 30-40 mm	-
Versuchsanlage / dispositif expérimental / experimental design:	Randomisierte Blockanlage mit 4 Wiederholungen mit 8.025 m ² per single plot (5.35 m x 1.5 m-à mesurer)	4reihig, mit 0.8m Weg (22.4m ² brutto), 10 m ² netto
Vorfrucht / précédent cultural / previous crop:	Céréales	carottes
Bodenbearbeitung / travail du sol / soil cultivation:	Labour (16.10.2017), fertilisation de base (23.04.2018) et hersage (24.04.2018)	Pflug und Kreiselegge / charrue et herse rotative / plough and rotary harrow
Saat / date de semis / sowing date:	24.04.2018	24.04.2018
Ernte / date de récolte / harvest date:	02.10.2018	10.10.2018
Saadichte / densité de semis / sowing density:	7.8 Körner / grains pro m ² (0.17 m entre les graines)	6.5 Körner / grains pro m ²
Vegetationsdauer / durée de vegetation / growing period	161 Tage / jours / days	179 Tage / jours / days
Reihenabstand / interlignes / row distance:	75 cm	75 cm
Mechanische Unkrautbekämpfung / désherbage mécanique / mechanical weed control:	25.05.2018; 02.06.2018	-
Chemische Unkrautbekämpfung / désherbage chimique / chemical weed control:	18.05.2018 - 26.05.2018 Dual Gold + Elumis	Herbicide 1l/ha Elumis plus 3l/ha Gardo Gold plus
Grunddüngung / fumure de base / basic fertilisation:	Kali 60%, 350kg/ha	Landor 13.9.16 500kg/ha N 45 P 80 K 65
N-Düngung / fumure N / N fertilisation:	DAP + nitrate d'ammoniaque	nitrate ammoniacque 27.5 % 177 kg/ha 48 N 4 MgO (9.05.) Urée perlée 46 % 117 kg/ha 54 N (11.06.)
Ernte / Récolte / harvest:	von Hand / à la main / by hand	Baural Mährescher / moissonneuse-batteuse / direct combine harvesting

4.2 Serie mittelfrüh / Série mi-précoce

4.2.1 Index / Indice

Sorte	Status	Ertrag	Reife	Jugend- entwicklung	Wurzellager Vegetation	Wurzellager Ernte	Stängel- bruch	Beulen- brand	Stängel- fäule	Gesamt- index
P9911		6.85	-3.45	0.33		0.00	0.32	-0.04	0.31	4.33
P9903	S	4.51	-1.77	-0.33		0.00	0.93	-0.04	0.12	3.42
ES Gallery	FS	-0.06	0.02	1.25		-0.21	1.50	-0.02	0.08	2.55
P0312	FS	8.98	-4.10	-0.42		-0.23	-2.59	0.04	0.47	2.15
ES Faraday	FS	-3.12	1.12	1.25		-0.22	-0.05	-0.02	0.36	-0.67
KWS 2373		-0.25	-0.58	-0.42		-0.21	-1.24	0.04	-0.07	-2.73
P9537	FS	-1.12	-2.83	-0.50		0.00	1.23	0.04	0.02	-3.16
RGT Prefix	e2	-4.39	1.20	0.00		0.00	-0.40	-0.03	0.39	-3.22
Maxxis	S	-4.51	1.77	0.33		0.00	-0.93	0.04	-0.12	-3.42
P0725		1.19	-3.64	0.17		0.00	-2.05	-0.04	0.29	-4.08
Bezugsgrößen		0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
Anzahl Beob.		6	6	6	0	6	6	6	6	
Anzahl Orte		2	2	2	0	2	2	2	2	
Gewichtung		1	2.5	0.5	0.25	0.75	0.75	0.25	0.25	

4.2.2 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugendentwicklung Note	Saatweibl. Blüte Tage	Saatsännl. Blüte Tage	Pflanzenhöhe cm	Kolbenansatzhöhe cm	relat. Kolbenhöhe %	Wurzelager. Ernte %
Maxxis	2.8	66.7	70.5	266.7	136.7	51.3	0.0
P9903	4.2	67.3	70.7	270.0	125.0	46.2	0.0
RGT Prefixx	3.5	70.0	72.7	274.7	134.2	48.8	0.0
P0725	3.2	75.5	78.5	281.7	132.5	47.1	0.0
KWS 2373	4.3	66.0	70.0	265.8	127.5	47.7	0.3
P9911	2.8	70.2	73.0	266.7	125.0	46.9	0.0
P0312	4.3	69.3	73.7	275.8	125.8	45.6	0.3
P9537	4.5	68.7	71.3	264.2	117.5	44.4	0.0
ES Gallery	1.0	66.0	70.0	262.5	129.2	49.2	0.3
ES Faraday	1.0	66.0	70.0	269.2	130.8	48.6	0.3
Bezugsgrösse(n)	3.5	67.0	70.6	268.3	130.8	48.8	0.0
Versuchs-Mittel	3.2	68.6	72.0	269.7	128.4	47.6	0.1
VK [%]	20.1	1.8	1.2	3.9	5.8	5.0	387.0
KGD (5%)	0.7	1.4	1.0		8.8	2.8	
KGD (1%)	1.0	1.9	1.4		11.8	3.7	
Versuchsstreuung	0.6	1.2	0.9	10.5	7.5	2.4	0.4
FG Fehlerterm	36.0	36.0	36.0	36.0	36.0	36.0	36.0
Anz. Beob.	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Anz. Orte	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Minimum	1.0	66.0	70.0	262.5	117.5	44.4	0.0
Maximum	4.5	75.5	78.5	281.7	136.7	51.3	0.3

Sorten Bezeichnung	Stängelbruch Ernte %	Stängelfäule %	Beulenbrand %	Effekt. Best. dichte Pfl./m ²	Korn-ertrag 14%H ₂ O dt/ha	Ertrag rel.zu Bezug %	TS-Geh. Korn b. Ernte %	Spindelanteil frisch %
Maxxis	6.7	3.6	0.0	7.6	157.8	95.6	86.9	11.4
P9903	4.3	2.6	0.3	7.3	172.7	104.4	85.5	10.1
RGT Prefixx	6.0	1.5	0.2	7.5	158.0	95.9	86.7	11.3
P0725	8.2	1.9	0.3	7.9	167.3	101.2	84.7	13.8
KWS 2373	7.2	3.4	0.0	7.1	164.9	99.8	86.0	11.7
P9911	5.1	1.8	0.3	7.4	176.6	106.8	84.8	12.3
P0312	8.9	1.2	0.0	7.2	180.1	109.0	84.5	10.9
P9537	3.9	3.0	0.0	7.2	163.4	98.8	85.1	11.1
ES Gallery	3.5	2.8	0.2	8.2	165.2	100.2	86.2	14.7
ES Faraday	5.6	1.7	0.2	9.9	160.1	96.8	86.6	10.6
Bezugsgrösse(n)	5.5	3.1	0.1	7.5	165.3	100.0	86.2	10.7
Versuchs-Mittel	5.9	2.3	0.2	7.7	166.6	100.9	85.7	11.8
VK [%]	54.1	87.2	321.1	7.9	4.5	4.6	1.0	33.3
KGD (5%)				0.7	8.8	5.4	1.0	
KGD (1%)				1.0	11.8	7.3	1.4	
Versuchsstreuung	3.2	2.0	0.5	0.6	7.5	4.6	0.9	3.9
FG Fehlerterm	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
Anz. Beob.	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Anz. Orte	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Minimum	3.5	1.2	0.0	7.1	157.8	95.6	84.5	10.1
Maximum	8.9	3.6	0.3	9.9	180.1	109.0	86.9	14.7

4.2.3 Details / Détails

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	2.8 -----	3.0 ----	2.7 -----		
P9903	4.2 -----	5.0 -----	3.3 -----		
RGT Prefixx	3.5 -----	4.7 -----	2.3 ----		
P0725	3.2 -----	2.7 ----	3.7 -----		
KWS 2373	4.3 -----	5.3 -----	3.3 -----		
P9911	2.8 -----	3.3 -----	2.3 ----		
P0312	4.3 -----	4.7 -----	4.0 -----		
P9537	4.5 -----	5.0 -----	4.0 -----		
ES Gallery	1.0 -	1.0 -	1.0 -		
ES Faraday	1.0 -	1.0 -	1.0 -		
-Bezugsgrösse(n)	3.5 -----	4.0 -----	3.0 -----		
Versuchs-Mittel	3.2 -----	3.6 -----	2.8 ----		
VK [%]	20.1	19.7	20.4		
KGD (5%)	0.7	1.2	1.0		
KGD (1%)	1.0	1.6	1.3		
Versuchs-Streuung	0.6	0.7	0.6		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	91.3	9	25.02 ***	2.15	0.0000
Anbauorte	9.6	1	23.67 ***	4.11	0.0000
WW Verf.*Anb.Orte	14.1	9	3.85 **	2.15	0.0017
Fehler	14.6	36			
Insgesamt	129.6	55			

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

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	66.7 -	66.0 -	67.3 --		
P9903	67.3 --	67.3 --	67.3 --		
RGT Prefixx	70.0 ----	70.0 ----	70.0 ----		
P0725	75.5 -----	76.0 -----	75.0 -----		
KWS 2373	66.0 -	66.0 -	66.0 -		
P9911	70.2 ----	70.0 ----	70.3 ----		
P0312	69.3 ----	70.0 ----	68.7 ----		
P9537	68.7 ---	67.3 --	70.0 ----		
ES Gallery	66.0 -	66.0 -	66.0 -		
ES Faraday	66.0 -	66.0 -	66.0 -		
-Bezugsgrösse(n)	67.0 --	66.7 -	67.3 --		
Versuchs-Mittel	68.6 ---	68.5 ---	68.7 ----		
VK [%]	1.8	1.5	2.0		
KGD (5%)	1.4	1.8	2.3		
KGD (1%)	1.9	2.5	3.2		
Versuchs-Streuung	1.2	1.1	1.4		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	469.1	9	34.83 ***	2.15	0.0000
Anbauorte	0.6	1	0.40 ns	4.11	0.5306
WW Verf.*Anb.Orte	17.1	9	1.27 ns	2.15	0.2878
Fehler	53.9	36			
Insgesamt	540.6	55			

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

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	70.5 -	70.3 -	70.7 -
P9903	70.7 -	70.3 -	71.0 --
RGT Prefixx	72.7 ---	72.3 ---	73.0 ---
P0725	78.5 -----	79.0 -----	78.0 -----
KWS 2373	70.0 -	70.0 -	70.0 -
P9911	73.0 ---	73.0 ---	73.0 ---
P0312	73.7 ----	75.0 -----	72.3 ----
P9537	71.3 --	70.3 -	72.3 ----
ES Gallery	70.0 -	70.0 -	70.0 -
ES Faraday	70.0 -	70.0 -	70.0 -
-Bezugsgrösse(n)	70.6 -	70.3 -	70.8 --
Versuchs-Mittel	72.0 ---	72.0 ---	72.0 ---
VK [%]	1.2	1.0	1.4
KGD (5%)	1.0	1.3	1.7
KGD (1%)	1.4	1.8	2.4
Versuchs-Streuung	0.9	0.8	1.0
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	377.6	9	53.31 ***	2.15	0.0000
Anbauorte	0.0	1	0.00 ns	4.11	1.0000
WW Verf.*Anb.Orte	19.7	9	2.78 *	2.15	0.0141
Fehler	28.3	36			
Insgesamt	425.6	55			

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	266.7 ---	266.7 ----	266.7 --
P9903	270.0 ----	263.3 ---	276.7 -----
RGT Prefixx	274.7 -----	271.0 ----	278.3 -----
P0725	281.7 -----	290.0 -----	273.3 -----
KWS 2373	265.8 --	255.0 -	276.7 -----
P9911	266.7 ---	256.7 -	276.7 -----
P0312	275.8 -----	278.3 -----	273.3 -----
P9537	264.2 -	256.7 -	271.7 -----
ES Gallery	262.5 -	260.0 --	265.0 -
ES Faraday	269.2 ----	263.3 ---	275.0 -----
-Bezugsgrösse(n)	268.3 ----	265.0 ---	271.7 -----
Versuchs-Mittel	269.7 ----	266.1 ----	273.3 -----
VK [%]	3.9	4.8	2.7
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	10.5	12.9	7.5
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1930.0	9	1.94 ns	2.15	0.0768
Anbauorte	784.8	1	7.11 *	4.11	0.0114
WW Verf.*Anb.Orte	1900.0	9	1.91 ns	2.15	0.0816
Fehler	3975.1	36			
Insgesamt	8589.9	55			

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

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	136.7 -----	133.3 -----	140.0 -----
P9903	125.0 ----	118.3 ----	131.7 ----
RGT Prefixx	134.2 -----	130.0 -----	138.3 -----
P0725	132.5 -----	135.0 -----	130.0 ----
KWS 2373	127.5 -----	115.0 ---	140.0 -----
P9911	125.0 ----	120.0 ----	130.0 ----
P0312	125.8 ----	123.3 -----	128.3 ---
P9537	117.5 -	110.0 -	125.0 -
ES Gallery	129.2 -----	126.7 -----	131.7 ----
ES Faraday	130.8 -----	125.0 -----	136.7 -----
-Bezugsgrösse(n)	130.8 -----	125.8 -----	135.8 -----
Versuchs-Mittel	128.4 ----	123.7 ----	133.2 ----
VK [%]	5.8	7.7	3.5
KGD (5%)	8.8	ns	8.0
KGD (1%)	11.8	ns	10.9
Versuchs-Streuung	7.5	9.6	4.6
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1645.4	9	3.24 **	2.15	0.0056
Anbauorte	1353.8	1	23.99 ***	4.11	0.0000
WW Verf.*Anb.Orte	825.4	9	1.63 ns	2.15	0.1451
Fehler	2031.7	36			
Insgesamt	5856.3	55			

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

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	51.3 -----	50.0 -----	52.5 -----
P9903	46.2 ---	44.9 ---	47.6 ---
RGT Prefixx	48.8 -----	47.9 -----	49.7 -----
P0725	47.1 -----	46.6 -----	47.6 ---
KWS 2373	47.7 -----	44.8 ---	50.6 -----
P9911	46.9 ---	46.8 -----	47.0 --
P0312	45.6 --	44.3 ---	46.9 --
P9537	44.4 -	42.8 -	46.0 -
ES Gallery	49.2 -----	48.7 -----	49.7 -----
ES Faraday	48.6 -----	47.5 -----	49.8 -----
-Bezugsgrösse(n)	48.8 -----	47.5 -----	50.1 -----
Versuchs-Mittel	47.6 ----	46.4 ----	48.7 ----
VK [%]	5.0	6.1	3.7
KGD (5%)	2.8	ns	3.1
KGD (1%)	3.7	ns	4.3
Versuchs-Streuung	2.4	2.8	1.8
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	211.0	9	4.14 ***	2.15	0.0009
Anbauorte	79.1	1	13.98 ***	4.11	0.0007
WW Verf.*Anb.Orte	32.4	9	0.64 ns	2.15	0.7581
Fehler	203.7	36			
Insgesamt	526.3	55			

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

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
P9903	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
RGT Prefixx	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
P0725	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
KWS 2373	0.3 -----	0.6 -----	0.0 -	0.0 -	0.0 -
P9911	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
P0312	0.3 -----	0.6 -----	0.0 -	0.0 -	0.0 -
P9537	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
ES Gallery	0.3 -----	0.0 -	0.6 -----	0.6 -----	0.6 -----
ES Faraday	0.3 -----	0.6 -----	0.0 -	0.0 -	0.0 -
-Bezugsgrösse(n)	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
Versuchs-Mittel	0.1 ---	0.2 ---	0.1 --	0.1 --	0.1 --
VK [%]	387.0	315.8	547.7		
KGD (5%)	ns	ns	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	0.4	0.6	0.3		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1.2	9	0.67 ns	2.15	0.7307
Anbauorte	0.2	1	1.06 ns	4.11	0.3110
WW Verf.*Anb.Orte	1.8	9	1.00 ns	2.15	0.4598
Fehler	7.3	36			
Insgesamt	10.5	55			

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

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	6.7 -----	5.4 ----	8.1 -----	8.1 -----	8.1 -----
P9903	4.3 --	5.0 ----	3.5 --	3.5 --	3.5 --
RGT Prefixx	6.0 ----	6.1 ----	5.9 ----	5.9 ----	5.9 ----
P0725	8.2 -----	7.4 -----	9.0 -----	9.0 -----	9.0 -----
KWS 2373	7.2 -----	7.7 -----	6.6 -----	6.6 -----	6.6 -----
P9911	5.1 ---	6.0 ----	4.1 ---	4.1 ---	4.1 ---
P0312	8.9 -----	8.0 -----	9.9 -----	9.9 -----	9.9 -----
P9537	3.9 -	3.7 -	4.1 ---	4.1 ---	4.1 ---
ES Gallery	3.5 -	4.8 ---	2.2 -	2.2 -	2.2 -
ES Faraday	5.6 ----	4.7 ---	6.4 -----	6.4 -----	6.4 -----
-Bezugsgrösse(n)	5.5 ----	5.2 ----	5.8 ----	5.8 ----	5.8 ----
Versuchs-Mittel	5.9 ----	5.9 -----	6.0 -----	6.0 -----	6.0 -----
VK [%]	54.1	51.4	56.6		
KGD (5%)	ns	ns	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	3.2	3.0	3.4		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	182.8	9	1.97 ns	2.15	0.0731
Anbauorte	0.1	1	0.01 ns	4.11	0.9122
WW Verf.*Anb.Orte	46.0	9	0.49 ns	2.15	0.8685
Fehler	371.8	36			
Insgesamt	600.6	55			

Fusariose [%] / Stängelfäule [%]

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	3.6 -----	3.8 -----	3.3 -----
P9903	2.6 -----	4.1 -----	1.1 --
RGT Prefixx	1.5 --	0.6 -	2.5 ----
P0725	1.9 ---	1.0 --	2.8 ----
KWS 2373	3.4 -----	1.9 ---	4.8 -----
P9911	1.8 ---	1.8 ---	1.9 ----
P0312	1.2 -	1.8 ---	0.6 -
P9537	3.0 -----	4.8 -----	1.2 --
ES Gallery	2.8 -----	2.3 ----	3.3 -----
ES Faraday	1.7 --	1.3 --	2.0 ----
-Bezugsgrösse(n)	3.1 -----	4.0 -----	2.2 ----
Versuchs-Mittel	2.3 ----	2.3 ----	2.3 ----
VK [%]	87.2	67.1	103.5
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	2.0	1.6	2.4
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	36.2	9	0.96 ns	2.15	0.4877
Anbauorte	0.0	1	0.00 ns	4.11	0.9986
WW Verf.*Anb.Orte	61.0	9	1.62 ns	2.15	0.1474
Fehler	150.9	36			
Insgesamt	248.2	55			

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	0.0 -	0.0 -	0.0 -
P9903	0.3 -----	0.0 -	0.6 -----
RGT Prefixx	0.2 -----	0.5 -----	0.0 -
P0725	0.3 -----	0.0 -	0.6 -----
KWS 2373	0.0 -	0.0 -	0.0 -
P9911	0.3 -----	0.6 -----	0.0 -
P0312	0.0 -	0.0 -	0.0 -
P9537	0.0 -	0.0 -	0.0 -
ES Gallery	0.2 -----	0.4 -----	0.0 -
ES Faraday	0.2 -----	0.0 -	0.4 -----
-Bezugsgrösse(n)	0.1 ----	0.0 -	0.3 ----
Versuchs-Mittel	0.2 ----	0.2 ---	0.2 ---
VK [%]	321.1	322.4	319.8
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	0.5	0.5	0.5
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1.0	9	0.45 ns	2.15	0.8983
Anbauorte	0.0	1	0.00 ns	4.11	0.9839
WW Verf.*Anb.Orte	2.5	9	1.10 ns	2.15	0.3902
Fehler	9.1	36			
Insgesamt	12.6	55			

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

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	7.6 ---	7.7 ----	7.6 -		
P9903	7.3 -	6.9 -	7.6 -		
RGT Prefixx	7.5 --	7.5 ----	7.5 -		
P0725	7.9 ---	7.6 ----	8.1 ---		
KWS 2373	7.1 -	6.7 -	7.4 -		
P9911	7.4 --	6.9 -	7.8 --		
P0312	7.2 -	6.9 -	7.6 -		
P9537	7.2 -	6.9 -	7.5 -		
ES Gallery	8.2 ----	8.2 -----	8.3 ---		
ES Faraday	9.9 -----	9.2 -----	10.7 -----		
-Bezugsgrösse(n)	7.5 --	7.3 ---	7.6 -		
Versuchs-Mittel	7.7 ---	7.5 ----	8.0 --		
VK [%]	7.9	9.6	6.0		
KGD (5%)	0.7	1.2	0.8		
KGD (1%)	1.0	ns	1.1		
Versuchs-Streuung	0.6	0.7	0.5		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	39.2	9	11.72 ***	2.15	0.0000
Anbauorte	4.6	1	12.46 **	4.11	0.0012
WW Verf.*Anb.Orte	3.0	9	0.89 ns	2.15	0.5456
Fehler	13.4	36			
Insgesamt	60.2	55			

Rendement grain (14% H₂O) [dt/ha] / Kornertrag (14% H₂O) [dt/ha]

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	157.8 -	154.4 --	161.2 --		
P9903	172.7 -----	160.2 ----	185.2 -----		
RGT Prefixx	158.0 -	159.7 ----	156.4 -		
P0725	167.3 ----	159.5 ----	175.0 -----		
KWS 2373	164.9 ---	157.5 ---	172.2 ----		
P9911	176.6 -----	167.5 -----	185.7 -----		
P0312	180.1 -----	172.8 -----	187.5 -----		
P9537	163.4 ---	152.9 --	174.0 ----		
ES Gallery	165.2 ---	165.1 -----	165.3 ---		
ES Faraday	160.1 --	150.6 -	169.7 ----		
-Bezugsgrösse(n)	165.3 ----	157.3 ----	173.2 -----		
Versuchs-Mittel	166.6 ----	160.0 ----	173.2 -----		
VK [%]	4.5	5.4	3.6		
KGD (5%)	8.8	ns	10.6		
KGD (1%)	11.8	ns	14.6		
Versuchs-Streuung	7.5	8.6	6.2		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3170.4	9	6.24 ***	2.15	0.0001
Anbauorte	2619.2	1	46.39 ***	4.11	0.0000
WW Verf.*Anb.Orte	1130.9	9	2.23 *	2.15	0.0431
Fehler	2032.5	36			
Insgesamt	8953.0	55			

Rendement relativ [%] / Relativertrag [%]

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	95.6 -	98.2 --	93.1 --
P9903	104.4 -----	101.8 -----	106.9 -----
RGT Prefixx	95.9 -	101.5 -----	90.3 -
P0725	101.2 -----	101.4 -----	101.0 -----
KWS 2373	99.8 ----	100.1 ----	99.4 -----
P9911	106.8 -----	106.5 -----	107.2 -----
P0312	109.0 -----	109.8 -----	108.2 -----
P9537	98.8 ---	97.2 --	100.4 -----
ES Gallery	100.2 ---	104.9 -----	95.4 ---
ES Faraday	96.8 --	95.7 -	97.9 -----
-Bezugsgrösse(n)	100.0 ----	100.0 ----	100.0 -----
Versuchs-Mittel	100.9 -----	101.7 -----	100.0 -----
VK [%]	4.6	5.4	3.6
KGD (5%)	5.4	ns	6.1
KGD (1%)	7.3	ns	8.4
Versuchs-Streuung	4.6	5.5	3.6
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1135.5	9	5.88 ***	2.15	0.0002
Anbauorte	44.3	1	2.06 ns	4.11	0.1595
WW Verf.*Anb.Orte	387.2	9	2.01 ns	2.15	0.0675
Fehler	772.2	36			
Insgesamt	2339.2	55			

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	86.9 -----	86.8 -----	86.9 -----
P9903	85.5 -----	85.5 -----	85.4 ----
RGT Prefixx	86.7 -----	86.6 -----	86.7 -----
P0725	84.7 -	84.6 --	84.8 --
KWS 2373	86.0 -----	85.5 -----	86.4 -----
P9911	84.8 --	84.7 ---	84.9 --
P0312	84.5 -	84.5 --	84.6 -
P9537	85.1 ---	84.1 -	86.0 -----
ES Gallery	86.2 -----	86.1 -----	86.2 -----
ES Faraday	86.6 -----	86.4 -----	86.8 -----
-Bezugsgrösse(n)	86.2 -----	86.2 -----	86.2 -----
Versuchs-Mittel	85.7 -----	85.5 -----	85.9 -----
VK [%]	1.0	1.1	1.0
KGD (5%)	1.0	1.6	1.5
KGD (1%)	1.4	ns	ns
Versuchs-Streuung	0.9	0.9	0.8
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	42.6	9	6.06 ***	2.15	0.0001
Anbauorte	2.1	1	2.68 ns	4.11	0.1105
WW Verf.*Anb.Orte	4.6	9	0.65 ns	2.15	0.7429
Fehler	28.1	36			
Insgesamt	77.4	55			

Spindelanteil frisch [%] / Proportion de la rafle fraîche [kg/ha]

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	11.4 ---	10.6 ----	12.1 ---		
P9903	10.1 -	9.3 -	10.9 --		
RGT Prefixx	11.3 ---	11.3 ----	11.2 --		
P0725	13.8 -----	13.9 -----	13.7 -----		
KWS 2373	11.7 ----	10.4 ---	13.0 ----		
P9911	12.3 ----	13.1 -----	11.6 ---		
P0312	10.9 --	12.5 -----	9.3 -		
P9537	11.1 ---	11.7 -----	10.4 --		
ES Gallery	14.7 -----	9.4 -	20.0 -----		
ES Faraday	10.6 --	10.7 ----	10.5 --		
-Bezugsgrösse(n)	10.7 --	10.0 --	11.5 ---		
Versuchs-Mittel	11.8 ----	11.3 ----	12.3 ---		
VK [%]	33.3	13.1	43.6		
KGD (5%)	ns	2.5	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	3.9	1.5	5.4		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert		F(95%)	P0
Verfahren	113.0	9	0.81 ns		2.15	0.6063
Anbauorte	14.6	1	0.95 ns		4.11	0.3367
WW Verf.*Anb.Orte	191.1	9	1.38 ns		2.15	0.2347
Fehler	555.1	36				
Insgesamt	873.8	55				

4.3 Serie mittelspät / Série mi-tardif

4.3.1 Index / Indice

Sorte	Status	Ertrag	Reife	Jugend- entwicklung	Wurzellager Vegetation	Wurzellager Ernte	Stängel- bruch	Beulen- brand	Stängel- fäule	Gesamt- index
P9911	e1	6.35	-1.35	0.46		0.11	1.97	-0.04	0.20	7.69
P9903		4.01	0.30	-0.21		0.11	2.58	-0.04	0.01	6.76
ES Gallery	FS	-0.53	2.12	1.38		-0.11	3.14	-0.02	-0.04	5.94
P0312	FS	8.47	-2.00	-0.29		-0.13	-0.94	0.04	0.36	5.50
ES Faraday	FS	-3.57	3.22	1.38		-0.11	1.59	-0.02	0.25	2.73
KWS 2373	S	-0.72	1.54	-0.29		0.11	0.40	0.04	-0.18	0.69
P9537	FS	-1.59	-0.73	-0.38		0.11	2.87	0.04	-0.09	0.24
RGT Prefixx		-4.84	3.30	0.13		0.11	1.24	-0.03	0.28	0.19
Maxxis		-4.95	3.87	0.46		0.11	0.71	0.04	-0.23	-0.01
P0725	S	0.72	-1.54	0.29		-0.11	-0.40	-0.04	0.18	-0.69
Bezugsgrößen		0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
Anzahl Beob.		6	6	6	0	6	6	6	6	
Anzahl Orte		2	2	2	0	2	2	2	2	
Gewichtung		1	2.5	0.5	0.25	0.75	0.75	0.25	0.25	

4.3.2 Zusammenfassung / Résumé

Sorten Bezeichnung	Jugend- entwick- lung Note	Saat- weibl. Blüte Tage	Saat- männl. Blüte Tage	Pflan- zen- höhe cm	Kolben- ansatz- höhe cm	relat. Kolben- höhe %	Wurzel- lager. Ernte %	Stängel- bruch Ernte %
Maxxis	2.8	66.7	70.5	266.7	136.7	51.3	0.0	6.7
P9903	4.2	67.3	70.7	270.0	125.0	46.2	0.0	4.3
RGT Prefixx	3.5	70.0	72.7	274.7	134.2	48.8	0.0	6.0
P0725	3.2	75.5	78.5	281.7	132.5	47.1	0.0	8.2
KWS 2373	4.3	66.0	70.0	265.8	127.5	47.7	0.3	7.2
P9911	2.8	70.2	73.0	266.7	125.0	46.9	0.0	5.1
P0312	4.3	69.3	73.7	275.8	125.8	45.6	0.3	8.9
P9537	4.5	68.7	71.3	264.2	117.5	44.4	0.0	3.9
ES Gallery	1.0	66.0	70.0	262.5	129.2	49.2	0.3	3.5
ES Faraday	1.0	66.0	70.0	269.2	130.8	48.6	0.3	5.6
Bezugsgrösse(n)	3.8	70.8	74.3	273.8	130.0	47.4	0.1	7.7
Versuchs-Mittel	3.2	68.6	72.0	269.7	128.4	47.6	0.1	5.9
VK [%]	20.1	1.8	1.2	3.9	5.8	5.0	387.0	54.1
KGD (5%)	0.7	1.4	1.0		8.8	2.8		
KGD (1%)	1.0	1.9	1.4		11.8	3.7		
Versuchs-Streuung	0.6	1.2	0.9	10.5	7.5	2.4	0.4	3.2
FG Fehlerterm	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
Anz. Beob.	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Anz. Orte	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Minimum	1.0	66.0	70.0	262.5	117.5	44.4	0.0	3.5
Maximum	4.5	75.5	78.5	281.7	136.7	51.3	0.3	8.9

Sorten Bezeichnung	Stängel fäule %	Beulen- brand %	Effekt. Best. dichte Pfl./m2	Korn- ertrag 14%H2O dt/ha	Ertrag rel.zu Bezug %	TS-Geh. Korn b. Ernte %	Spindel- anteil frisch %
Maxxis	3.6	0.0	7.6	157.8	95.1	86.9	11.4
P9903	2.6	0.3	7.3	172.7	103.9	85.5	10.1
RGT Prefixx	1.5	0.2	7.5	158.0	95.4	86.7	11.3
P0725	1.9	0.3	7.9	167.3	100.7	84.7	13.8
KWS 2373	3.4	0.0	7.1	164.9	99.3	86.0	11.7
P9911	1.8	0.3	7.4	176.6	106.3	84.8	12.3
P0312	1.2	0.0	7.2	180.1	108.5	84.5	10.9
P9537	3.0	0.0	7.2	163.4	98.3	85.1	11.1
ES Gallery	2.8	0.2	8.2	165.2	99.7	86.2	14.7
ES Faraday	1.7	0.2	9.9	160.1	96.4	86.6	10.6
Bezugsgrösse(n)	2.6	0.1	7.5	166.1	100.0	85.3	12.8
Versuchs-Mittel	2.3	0.2	7.7	166.6	100.4	85.7	11.8
VK [%]	87.2	321.1	7.9	4.5	4.6	1.0	33.3
KGD (5%)			0.7	8.8	5.4	1.0	
KGD (1%)			1.0	11.8	7.2	1.4	
Versuchs-Streuung	2.0	0.5	0.6	7.5	4.6	0.9	3.9
FG Fehlerterm	36.0	36.0	36.0	36.0	36.0	36.0	36.0
Anz. Beob.	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Anz. Orte	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Minimum	1.2	0.0	7.1	157.8	95.1	84.5	10.1
Maximum	3.6	0.3	9.9	180.1	108.5	86.9	14.7

4.3.3 Details / Détails

Vigueur au départ [note] / Jugendentwicklung [Note]

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	2.8 -----	3.0 ----	2.7 -----		
P9903	4.2 -----	5.0 -----	3.3 -----		
RGT Prefixx	3.5 -----	4.7 -----	2.3 ----		
P0725	3.2 -----	2.7 ----	3.7 -----		
KWS 2373	4.3 -----	5.3 -----	3.3 -----		
P9911	2.8 -----	3.3 -----	2.3 -----		
P0312	4.3 -----	4.7 -----	4.0 -----		
P9537	4.5 -----	5.0 -----	4.0 -----		
ES Gallery	1.0 -	1.0 -	1.0 -		
ES Faraday	1.0 -	1.0 -	1.0 -		
-Bezugsgrösse(n)	3.8 -----	4.0 -----	3.5 -----		
Versuchs-Mittel	3.2 -----	3.6 -----	2.8 -----		
VK [%]	20.1	19.7	20.4		
KGD (5%)	0.7	1.2	1.0		
KGD (1%)	1.0	1.6	1.3		
Versuchs-Streuung	0.6	0.7	0.6		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	91.3	9	25.02 ***	2.15	0.0000
Anbauorte	9.6	1	23.67 ***	4.11	0.0000
WW Verf.*Anb.Orte	14.1	9	3.85 **	2.15	0.0017
Fehler	14.6	36			
Insgesamt	129.6	55			

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

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	66.7 -	66.0 -	67.3 --		
P9903	67.3 --	67.3 --	67.3 --		
RGT Prefixx	70.0 ----	70.0 ----	70.0 ----		
P0725	75.5 -----	76.0 -----	75.0 -----		
KWS 2373	66.0 -	66.0 -	66.0 -		
P9911	70.2 ----	70.0 ----	70.3 ----		
P0312	69.3 ----	70.0 ----	68.7 ----		
P9537	68.7 ---	67.3 --	70.0 ----		
ES Gallery	66.0 -	66.0 -	66.0 -		
ES Faraday	66.0 -	66.0 -	66.0 -		
-Bezugsgrösse(n)	70.8 -----	71.0 -----	70.5 -----		
Versuchs-Mittel	68.6 ---	68.5 ---	68.7 ----		
VK [%]	1.8	1.5	2.0		
KGD (5%)	1.4	1.8	2.3		
KGD (1%)	1.9	2.5	3.2		
Versuchs-Streuung	1.2	1.1	1.4		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	469.1	9	34.83 ***	2.15	0.0000
Anbauorte	0.6	1	0.40 ns	4.11	0.5306
WW Verf.*Anb.Orte	17.1	9	1.27 ns	2.15	0.2878
Fehler	53.9	36			
Insgesamt	540.6	55			

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

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	70.5 -	70.3 -	70.7 -		
P9903	70.7 -	70.3 -	71.0 --		
RGT Prefixx	72.7 ----	72.3 ---	73.0 ----		
P0725	78.5 -----	79.0 -----	78.0 -----		
KWS 2373	70.0 -	70.0 -	70.0 -		
P9911	73.0 ----	73.0 ----	73.0 ----		
P0312	73.7 ----	75.0 -----	72.3 ----		
P9537	71.3 --	70.3 -	72.3 ----		
ES Gallery	70.0 -	70.0 -	70.0 -		
ES Faraday	70.0 -	70.0 -	70.0 -		
-Bezugsgrösse(n)	74.3 -----	74.5 -----	74.0 -----		
Versuchs-Mittel	72.0 ---	72.0 ---	72.0 ---		
VK [%]	1.2	1.0	1.4		
KGD (5%)	1.0	1.3	1.7		
KGD (1%)	1.4	1.8	2.4		
Versuchs-Streuung	0.9	0.8	1.0		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	377.6	9	53.31 ***	2.15	0.0000
Anbauorte	0.0	1	0.00 ns	4.11	1.0000
WW Verf.*Anb.Orte	19.7	9	2.78 *	2.15	0.0141
Fehler	28.3	36			
Insgesamt	425.6	55			

Hauteur [cm] / Pflanzenhöhe [cm]

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	266.7 ---	266.7 ----	266.7 --		
P9903	270.0 ----	263.3 ---	276.7 -----		
RGT Prefixx	274.7 -----	271.0 ----	278.3 -----		
P0725	281.7 -----	290.0 -----	273.3 -----		
KWS 2373	265.8 --	255.0 -	276.7 -----		
P9911	266.7 ---	256.7 -	276.7 -----		
P0312	275.8 -----	278.3 -----	273.3 -----		
P9537	264.2 -	256.7 -	271.7 -----		
ES Gallery	262.5 -	260.0 --	265.0 -		
ES Faraday	269.2 ----	263.3 ---	275.0 -----		
-Bezugsgrösse(n)	273.8 -----	272.5 -----	275.0 -----		
Versuchs-Mittel	269.7 ----	266.1 ----	273.3 -----		
VK [%]	3.9	4.8	2.7		
KGD (5%)	ns	ns	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	10.5	12.9	7.5		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1930.0	9	1.94 ns	2.15	0.0768
Anbauorte	784.8	1	7.11 *	4.11	0.0114
WW Verf.*Anb.Orte	1900.0	9	1.91 ns	2.15	0.0816
Fehler	3975.1	36			
Insgesamt	8589.9	55			

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

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	136.7 -----	133.3 -----	140.0 -----
P9903	125.0 ----	118.3 ----	131.7 ----
RGT Prefixx	134.2 -----	130.0 -----	138.3 -----
P0725	132.5 -----	135.0 -----	130.0 ----
KWS 2373	127.5 -----	115.0 ---	140.0 -----
P9911	125.0 ----	120.0 ----	130.0 ----
P0312	125.8 ----	123.3 ----	128.3 ---
P9537	117.5 -	110.0 -	125.0 -
ES Gallery	129.2 -----	126.7 -----	131.7 -----
ES Faraday	130.8 -----	125.0 -----	136.7 -----
-Bezugsgrösse(n)	130.0 -----	125.0 -----	135.0 -----
Versuchs-Mittel	128.4 -----	123.7 -----	133.2 -----
VK [%]	5.8	7.7	3.5
KGD (5%)	8.8	ns	8.0
KGD (1%)	11.8	ns	10.9
Versuchs-Streuung	7.5	9.6	4.6
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1645.4	9	3.24 **	2.15	0.0056
Anbauorte	1353.8	1	23.99 ***	4.11	0.0000
WW Verf.*Anb.Orte	825.4	9	1.63 ns	2.15	0.1451
Fehler	2031.7	36			
Insgesamt	5856.3	55			

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

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	51.3 -----	50.0 -----	52.5 -----
P9903	46.2 ---	44.9 ----	47.6 ---
RGT Prefixx	48.8 -----	47.9 -----	49.7 -----
P0725	47.1 -----	46.6 -----	47.6 ---
KWS 2373	47.7 -----	44.8 ---	50.6 -----
P9911	46.9 ----	46.8 -----	47.0 --
P0312	45.6 --	44.3 ---	46.9 --
P9537	44.4 -	42.8 -	46.0 -
ES Gallery	49.2 -----	48.7 -----	49.7 -----
ES Faraday	48.6 -----	47.5 -----	49.8 -----
-Bezugsgrösse(n)	47.4 -----	45.7 -----	49.1 -----
Versuchs-Mittel	47.6 -----	46.4 -----	48.7 -----
VK [%]	5.0	6.1	3.7
KGD (5%)	2.8	ns	3.1
KGD (1%)	3.7	ns	4.3
Versuchs-Streuung	2.4	2.8	1.8
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	211.0	9	4.14 ***	2.15	0.0009
Anbauorte	79.1	1	13.98 ***	4.11	0.0007
WW Verf.*Anb.Orte	32.4	9	0.64 ns	2.15	0.7581
Fehler	203.7	36			
Insgesamt	526.3	55			

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

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
P9903	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
RGT Prefixx	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
P0725	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
KWS 2373	0.3 -----	0.6 -----	0.0 -	0.0 -	0.0 -
P9911	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
P0312	0.3 -----	0.6 -----	0.0 -	0.0 -	0.0 -
P9537	0.0 -	0.0 -	0.0 -	0.0 -	0.0 -
ES Gallery	0.3 -----	0.0 -	0.6 -----	0.6 -----	0.6 -----
ES Faraday	0.3 -----	0.6 -----	0.0 -	0.0 -	0.0 -
-Bezugsgrösse(n)	0.1 ----	0.3 ----	0.0 -	0.0 -	0.0 -
Versuchs-Mittel	0.1 ---	0.2 ---	0.1 --	0.1 --	0.1 --
VK [%]	387.0	315.8	547.7		
KGD (5%)	ns	ns	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	0.4	0.6	0.3		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1.2	9	0.67 ns	2.15	0.7307
Anbauorte	0.2	1	1.06 ns	4.11	0.3110
WW Verf.*Anb.Orte	1.8	9	1.00 ns	2.15	0.4598
Fehler	7.3	36			
Insgesamt	10.5	55			

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

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	6.7 -----	5.4 ----	8.1 -----		
P9903	4.3 --	5.0 ----	3.5 --		
RGT Prefixx	6.0 -----	6.1 -----	5.9 -----		
P0725	8.2 -----	7.4 -----	9.0 -----		
KWS 2373	7.2 -----	7.7 -----	6.6 -----		
P9911	5.1 ---	6.0 ----	4.1 ---		
P0312	8.9 -----	8.0 -----	9.9 -----		
P9537	3.9 -	3.7 -	4.1 ---		
ES Gallery	3.5 -	4.8 ---	2.2 -		
ES Faraday	5.6 ----	4.7 ---	6.4 -----		
-Bezugsgrösse(n)	7.7 -----	7.6 -----	7.8 -----		
Versuchs-Mittel	5.9 -----	5.9 -----	6.0 -----		
VK [%]	54.1	51.4	56.6		
KGD (5%)	ns	ns	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	3.2	3.0	3.4		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	182.8	9	1.97 ns	2.15	0.0731
Anbauorte	0.1	1	0.01 ns	4.11	0.9122
WW Verf.*Anb.Orte	46.0	9	0.49 ns	2.15	0.8685
Fehler	371.8	36			
Insgesamt	600.6	55			

Fusariose [%] / Stängelfäule [%]

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	3.6 -----	3.8 -----	3.3 -----
P9903	2.6 -----	4.1 -----	1.1 --
RGT Prefixx	1.5 --	0.6 -	2.5 ----
P0725	1.9 ----	1.0 --	2.8 -----
KWS 2373	3.4 -----	1.9 ----	4.8 -----
P9911	1.8 ---	1.8 ---	1.9 ----
P0312	1.2 -	1.8 ---	0.6 -
P9537	3.0 -----	4.8 -----	1.2 --
ES Gallery	2.8 -----	2.3 -----	3.3 -----
ES Faraday	1.7 --	1.3 --	2.0 ----
-Bezugsgrösse(n)	2.6 -----	1.5 ---	3.8 -----
Versuchs-Mittel	2.3 ----	2.3 ----	2.3 ----

VK [%]	87.2	67.1	103.5
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	2.0	1.6	2.4
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	36.2	9	0.96 ns	2.15	0.4877
Anbauorte	0.0	1	0.00 ns	4.11	0.9986
WW Verf.*Anb.Orte	61.0	9	1.62 ns	2.15	0.1474
Fehler	150.9	36			
Insgesamt	248.2	55			

Charbon [%] / Beulenbrand [%]

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	0.0 -	0.0 -	0.0 -
P9903	0.3 -----	0.0 -	0.6 -----
RGT Prefixx	0.2 -----	0.5 -----	0.0 -
P0725	0.3 -----	0.0 -	0.6 -----
KWS 2373	0.0 -	0.0 -	0.0 -
P9911	0.3 -----	0.6 -----	0.0 -
P0312	0.0 -	0.0 -	0.0 -
P9537	0.0 -	0.0 -	0.0 -
ES Gallery	0.2 -----	0.4 -----	0.0 -
ES Faraday	0.2 -----	0.0 -	0.4 -----
-Bezugsgrösse(n)	0.1 ----	0.0 -	0.3 -----
Versuchs-Mittel	0.2 -----	0.2 ---	0.2 ---

VK [%]	321.1	322.4	319.8
KGD (5%)	ns	ns	ns
KGD (1%)	ns	ns	ns
Versuchs-Streuung	0.5	0.5	0.5
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1.0	9	0.45 ns	2.15	0.8983
Anbauorte	0.0	1	0.00 ns	4.11	0.9839
WW Verf.*Anb.Orte	2.5	9	1.10 ns	2.15	0.3902
Fehler	9.1	36			
Insgesamt	12.6	55			

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

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	7.6 ---	7.7 ----	7.6 -
P9903	7.3 -	6.9 -	7.6 -
RGT Prefixx	7.5 --	7.5 ----	7.5 -
P0725	7.9 ---	7.6 ----	8.1 ---
KWS 2373	7.1 -	6.7 -	7.4 -
P9911	7.4 --	6.9 -	7.8 --
P0312	7.2 -	6.9 -	7.6 -
P9537	7.2 -	6.9 -	7.5 -
ES Gallery	8.2 ----	8.2 ----	8.3 ---
ES Faraday	9.9 -----	9.2 -----	10.7 -----
-Bezugsgrösse(n)	7.5 --	7.2 --	7.8 --
Versuchs-Mittel	7.7 ---	7.5 ----	8.0 --
VK [%]	7.9	9.6	6.0
KGD (5%)	0.7	1.2	0.8
KGD (1%)	1.0	ns	1.1
Versuchs-Streuung	0.6	0.7	0.5
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	39.2	9	11.72 ***	2.15	0.0000
Anbauorte	4.6	1	12.46 **	4.11	0.0012
WW Verf.*Anb.Orte	3.0	9	0.89 ns	2.15	0.5456
Fehler	13.4	36			
Insgesamt	60.2	55			

Rendement grain (14% H₂O) [dt/ha] / Kornertrag (14% H₂O) [dt/ha]

Verfahren	Seriemittel	6593 Cadenazzo TI	6594 Contone TI
Maxxis	157.8 -	154.4 --	161.2 --
P9903	172.7 -----	160.2 ----	185.2 -----
RGT Prefixx	158.0 -	159.7 ----	156.4 -
P0725	167.3 ----	159.5 ----	175.0 ----
KWS 2373	164.9 ---	157.5 ---	172.2 ----
P9911	176.6 -----	167.5 -----	185.7 -----
P0312	180.1 -----	172.8 -----	187.5 -----
P9537	163.4 ---	152.9 --	174.0 ----
ES Gallery	165.2 ---	165.1 ----	165.3 ---
ES Faraday	160.1 --	150.6 -	169.7 ----
-Bezugsgrösse(n)	166.1 ----	158.5 ----	173.6 ----
Versuchs-Mittel	166.6 -----	160.0 -----	173.2 -----
VK [%]	4.5	5.4	3.6
KGD (5%)	8.8	ns	10.6
KGD (1%)	11.8	ns	14.6
Versuchs-Streuung	7.5	8.6	6.2
FG Fehlerterm	36.0	18.0	18.0
Anz. Beob.	6.0	3.0	3.0

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	3170.4	9	6.24 ***	2.15	0.0001
Anbauorte	2619.2	1	46.39 ***	4.11	0.0000
WW Verf.*Anb.Orte	1130.9	9	2.23 *	2.15	0.0431
Fehler	2032.5	36			
Insgesamt	8953.0	55			

Rendement relativ [%] / Relativertrag [%]

Verfahren	Seriemittel	6593		6594	
			Cadenazzo TI		Contone TI
Maxxis	95.1 -	97.4 --	92.9 --		
P9903	103.9 -----	101.1 ----	106.7 -----		
RGT Prefixx	95.4 -	100.7 ----	90.1 -		
P0725	100.7 -----	100.6 -----	100.8 -----		
KWS 2373	99.3 ----	99.4 ----	99.2 -----		
P9911	106.3 -----	105.7 -----	107.0 -----		
P0312	108.5 -----	109.0 -----	108.0 -----		
P9537	98.3 ---	96.5 --	100.2 ----		
ES Gallery	99.7 ---	104.1 -----	95.2 ---		
ES Faraday	96.4 --	95.0 -	97.7 ----		
-Bezugsgrösse(n)	100.0 ----	100.0 ----	100.0 -----		
Versuchs-Mittel	100.4 ----	101.0 ----	99.8 -----		
VK [%]	4.6	5.4	3.6		
KGD (5%)	5.4	ns	6.1		
KGD (1%)	7.2	ns	8.4		
Versuchs-Streuung	4.6	5.4	3.6		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	1125.8	9	5.90 ***	2.15	0.0002
Anbauorte	21.2	1	1.00 ns	4.11	0.3239
WW Verf.*Anb.Orte	384.8	9	2.02 ns	2.15	0.0660
Fehler	763.1	36			
Insgesamt	2294.9	55			

Précocité [% MS] / Frühreife [% TS]

Verfahren	Seriemittel	6593		6594	
			Cadenazzo TI		Contone TI
Maxxis	86.9 -----	86.8 -----	86.9 -----		
P9903	85.5 ----	85.5 ----	85.4 ----		
RGT Prefixx	86.7 -----	86.6 -----	86.7 -----		
P0725	84.7 -	84.6 --	84.8 --		
KWS 2373	86.0 -----	85.5 -----	86.4 -----		
P9911	84.8 --	84.7 ---	84.9 --		
P0312	84.5 -	84.5 --	84.6 -		
P9537	85.1 ---	84.1 -	86.0 -----		
ES Gallery	86.2 -----	86.1 -----	86.2 -----		
ES Faraday	86.6 -----	86.4 -----	86.8 -----		
-Bezugsgrösse(n)	85.3 ----	85.1 ----	85.6 -----		
Versuchs-Mittel	85.7 ----	85.5 -----	85.9 -----		
VK [%]	1.0	1.1	1.0		
KGD (5%)	1.0	1.6	1.5		
KGD (1%)	1.4	ns	ns		
Versuchs-Streuung	0.9	0.9	0.8		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	42.6	9	6.06 ***	2.15	0.0001
Anbauorte	2.1	1	2.68 ns	4.11	0.1105
WW Verf.*Anb.Orte	4.6	9	0.65 ns	2.15	0.7429
Fehler	28.1	36			
Insgesamt	77.4	55			

Spindelanteil frisch [%] / Proportion de la rafle fraîche [kg/hl]

Verfahren	Seriemittel	6593		6594	
		Cadenazzo TI		Contone TI	
Maxxis	11.4 ---	10.6 ----	12.1 ---		
P9903	10.1 -	9.3 -	10.9 --		
RGT Prefixx	11.3 ---	11.3 ----	11.2 --		
P0725	13.8 -----	13.9 -----	13.7 -----		
KWS 2373	11.7 ----	10.4 ---	13.0 ----		
P9911	12.3 ----	13.1 -----	11.6 ---		
P0312	10.9 --	12.5 -----	9.3 -		
P9537	11.1 ---	11.7 ----	10.4 --		
ES Gallery	14.7 -----	9.4 -	20.0 -----		
ES Faraday	10.6 --	10.7 ----	10.5 --		
-Bezugsgrösse(n)	12.8 -----	12.2 -----	13.4 ----		
Versuchs-Mittel	11.8 ---	11.3 ----	12.3 --		
VK [%]	33.3	13.1	43.6		
KGD (5%)	ns	2.5	ns		
KGD (1%)	ns	ns	ns		
Versuchs-Streuung	3.9	1.5	5.4		
FG Fehlerterm	36.0	18.0	18.0		
Anz. Beob.	6.0	3.0	3.0		

Varianz-Analyse

	S.Q.	FG	F-Wert	F(95%)	P0
Verfahren	113.0	9	0.81 ns	2.15	0.6063
Anbauorte	14.6	1	0.95 ns	4.11	0.3367
WW Verf.*Anb.Orte	191.1	9	1.38 ns	2.15	0.2347
Fehler	555.1	36			
Insgesamt	873.8	55			



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