


Bestandesführung - itinéraire technique

Standort - site	Bettendorf				Bicherhaff				Everlange Aufgabe: frühes Lager - abandon: verse précoce				Wilwerdange Aufgabe Spelz: Lager - abandon épeautre: verse			
	Raps - colza		Mais		Raps - colza		Mais									
Vorfrüchte - précédents	0				20 m <sup>3</sup>				0				15 t			
Gülle/Mist - lisier/fumier m <sup>3</sup> /t	20/10/20				10/11/20				14/10/20				19/10/20			
Saattermin - date de semis (325 K.-gr./m <sup>2</sup> ) (Hyb. 200 K.-gr./m <sup>2</sup> )	-				-				-				-			
Herbizid - herbicide Herbst-autonne Frühjahr-printemps	Axial + Biathlon Duo (24/03) 65 + 51 S (AHL+ATS 23/03) 60 (AHL 22/04) 40 (AHL 20/05)				Sigma max + Zypar + Delstar 81 (KAS) 54 (KAS) 27 (KAS)								Allie Express 81 (KAS) 81 (KAS) 40 (KAS)			
N1 kg N/ha BBCH >22 N2 kg N/ha BBCH >31 N3 kg N/ha BBCH >45	red. PS - réd. phytos				red. PS - réd. phytos				red. PS - réd. phytos				red. PS - réd. phytos			
Bestandesführungsvariante - variante itinéraire technique Wiederholungen - répétitions	1		3		1		2		1		2		1		2	
Halmwuchsregler - raccourcisseur	0		0		0		0		0		0		Cycocel		Cycocel	
Fungizid - fongicide	1		0		0		0		0		0		0		Flexity + Ampera	
Insektizid - insecticide	2		Fandango Pro (8/06)		0		0		0		0		0		Velogy Era + Karate Zeon	
	0		0		0		0		0		0		0		0	
	0		0		0		0		0		0		0		0	
Niederschläge mm / °C précipitations mm / °C	Station ASTA Bettendorf				Station ASTA Remich				Station ASTA Useldange				Station ASTA Asselborn			
	mm 20/21	mm 5J/ans	°C 20/21	°C 5J/ans	mm 20/21	mm 5J/ans	°C 20/21	°C 5J/ans	mm 20/21	mm 5J/ans	°C 20/21	°C 5J/ans	mm 20/21	mm 5J/ans	°C 20/21	°C 5J/ans
09	57.44	56.25	15.14	14.27	47.61	38.44	16.54	15.45	46.35	52.19	14.10	13.80	73.80	53.78	14.36	13.53
10	99.56	64.75	10.59	10.22	124.25	67.02	10.87	11.03	100.92	63.10	9.30	9.69	83.80	60.32	8.90	9.36
11	25.63	63.05	6.30	5.70	18.25	64.81	6.80	6.01	18.08	58.69	5.15	4.89	24.70	54.20	5.99	4.57
12	143.31	102.74	4.49	3.69	114.47	95.81	4.74	3.85	136.45	105.59	3.39	2.85	123.50	88.20	3.05	2.50
01	90.30	75.72	1.93	2.27	102.22	77.37	1.68	2.38	88.78	73.59	0.55	1.41	84.80	56.62	-0.02	0.76
02	52.08	65.73	3.55	3.24	62.46	62.12	4.82	4.11	48.79	66.70	2.85	2.55	43.80	53.84	3.18	2.38
03	40.43	56.99	5.13	6.05	56.70	58.31	6.08	6.91	46.28	55.32	4.16	5.22	36.10	56.18	4.40	4.81
04	48.73	36.40	6.61	9.17	37.29	33.53	7.40	10.49	38.77	36.34	5.32	8.41	30.40	30.98	4.98	8.26
05	71.78	55.41	10.23	12.73	104.92	72.80	11.03	13.81	77.51	51.42	8.91	12.00	71.30	52.60	8.91	11.62
06	76.23	79.20	18.16	17.75	66.49	75.84	19.60	18.80	100.78	95.98	16.90	16.79	119.90	91.96	17.29	16.57
07	172.67	63.58	17.21	18.51	206.46	68.31	18.00	19.78	188.53	73.72	15.84	17.67	151.59	63.70	15.98	17.18
08	45.96	39.75	16.13	17.98	42.18	44.03	17.12	19.30	48.53	45.80	14.75	17.28	69.32	56.85	14.59	16.98
Σ resp. Ø	924.12	759.57	9.62	10.13	983.30	758.39	10.39	10.99	939.77	778.44	8.44	9.38	913.01	719.23	8.47	9.04
	Spätfrosttage April - jours de gelées tardives avril: 15 / 7 in-en 2020 T° extr. 04: 24,1 -4,6 °C / 25,2 -4,8 °C in-en 2020 Regentage 07&08 - jours de pluie 07&08: 40 / 21 in-en 2020				Spätfrosttage April - jours de gelées tardives avril: 9 / 3 in-en 2020 T° extr. 04: 24,2 -3,7 °C / 25,7 -2,5 °C in-en 2020 Regentage 07&08 - jours de pluie 07&08: 40 / 21 in-en 2020				Spätfrosttage April - jours de gelées tardives avril: 16 / 10 in-en 2020 T° extr. 04: 21,64 -6,2 °C / 22,7 -5,8 °C in-en 2020 Regentage 07&08 - jours de pluie 07&08: 31 / 22 in-en 2020				Spätfrosttage April - jours de gelées tardives avril: 13 / 5 in-en 2020 T° extr. 04: 20,6 -4,3 °C / 22,4 -5,0 °C in-en 2020 Regentage 07&08 - jours de pluie 07&08: 35 / 28 in-en 2020			

Ertrag - rendement

variété Sorte	Qual.	obteneur Züchter	Lager-verse			Ertrag - rendement %												années Jahre
			0-L-L1 (red.)			Bettendorf		Bicherhaff		Wilwerdange		'21		Jahres-Ø-annuelles				
			Be	Bi	Wi	red.	int.	red.	int.	red.	int.	red.	int.	'21	'20	'19	21-19	
<b>KWS Keitum</b>	<b>C</b>	<b>KWS</b>	III	105	103	106	111	94	119	102	111	112	121	103	111	3		
Campefino*	B	Secobra		104	107	107	98	75	110	95	105	105	111	110	109	3		
LG Vertikal	C	Limagrain		100	100	95	106	67	108	87	104	102	110	105	106	3		
Gentleman	B	Saaten-Union Nordsaat		91	97	98	101	71	103	86	100	99	107	109	105	3		
Safari* sm1	C	Syngenta		103	107	99	102	76	97	92	102	102	111	102	105	3		
KWS Extase	BPS	KWS-Momont		103	111	102	108	78	108	94	109	108	101	106	105	3		
SU Ecusson	C	Saaten-Union		104	98	108	106	84	106	98	104	105	113	97	105	3		
KWS Donovan	A	KWS		102	111	107	114	87	112	98	113	111	98	103	104	3		
Informor*	B	Braun		93	100	92	97	76	102	87	100	99	108	103	103	3		
KWS Dag	BPS	KWS-Momont		102	110	101	111	67	108	89	109	106	99	103	103	3		
Obiwan sm1, begrannt	A	Hauptsaaten		92	96	85	89	60	87	79	91	90	94	121	103	3		
Johnson	BAU	Saaten-Union		94	97	104	103	64	85	87	95	95	110	101	102	3		
Askaban	A	DSV		96	98	105	102	89	112	97	104	105	100	99	101	3		
KWS Talent	B	KWS	III	92	95	98	99	64	101	84	98	97	112	95	101	3		
Colonia*	B	Limagrain		97	100	94	92	70	94	87	95	96	108	98	100	3		
Pionier*	A	DSV		93	97	103	99	82	99	92	98	100	101	99	100	3		
KWS Tonerre	BPS	KWS-Momont		101	107	98	108	75	109	91	108	106	87	105	100	3		
Viki	E	Intersaatucht	II	94	100	102	102	68	105	87	102	101	102	96	100	3		
RGT Reform*	A	RAGT		92	100	105	102	76	98	90	100	100	94	104	100	3		
Chevignon	B	Saaten-Union		98	105	103	107	66	95	88	102	101	98	99	99	3		
LG Akkurat	A	Limagrain		85	95	84	91	66	101	78	96	93	100	103	99	3		
Concret begrannt	BP	Desprez		89	89	96	96	64	96	83	94	93	104	99	99	3		
Sinatra sm1	A	Secobra		92	99	94	99	67	100	84	99	97	90	107	99	3		
Filon* sm1	BPS	Desprez		93	99	99	102	67	95	86	98	98	92	103	98	3		
Chaplin	E	DSV		89	94	93	93	71	96	84	94	94	102	97	98	3		
LG Initial sm1	A	Limagrain		89	101	101	101	75	106	88	102	101	94	97	98	3		
Bernstein*	E	Syngenta		92	95	103	108	84	110	93	105	104	94	94	97	3		
Imperator	A	Syngenta		94	103	94	100	63	94	83	99	97	96	96	97	3		
Kerubino*	E	I.G. Pflanzenzucht	010 III III	101	103	98	96	76	99	91	99	100	97	92	96	3		
Barranco*	E	Secobra		88	93	96	102	68	96	84	97	96	96	96	96	3		
Ponticus*	E	RAGT		93	98	100	102	80	100	91	100	100	88	97	95	3		
Komponist sm1	E	Secobra		80	87	86	92	61	88	75	89	88	96	99	94	3		
LG Character sm1	A	Limagrain		89	101	94	106	74	112	85	106	103	92	98	98	2		
RGT Depot	A	RAGT		80	94	93	101	67	95	80	97	95	97	96	96	2		
SY Koniko	E	Syngenta	100	95	95	99	97	73	96	89	96	97	90	94	94	2		
Hyvega Hyb.	?	Saaten-Union	II	99	110	97	106	90	114	95	110	109			109	1		
SURH 4877-391	?	Saaten-Union		99	106	109	106	78	117	95	110	109			109	1		
Damian	B-C	Braun		97	100	107	112	80	109	94	107	106			106	1		
Ellis	B	Saatzucht Edelhof		94	98	106	100	80	110	93	103	103			103	1		
Himalaya Hyb.	?	Saaten-Union		89	100	97	106	78	108	88	104	102			102	1		
Attribut	A	DSV		96	99	102	104	76	102	91	102	101			101	1		
LG Apollo	BPS	Limagrain		97	108	95	99	64	105	85	104	101			101	1		
Hyking Hyb.	BP	Saaten-Union		100	99	103	106	63	104	88	103	101			101	1		
Exakt	A	Saatzucht Edelhof		93	96	102	101	77	107	90	101	101			101	1		
Akzent	A	Braun		93	100	95	99	77	108	88	102	101			101	1		
Zoltan	A	DSV	000 LO LI	94	101	97	99	74	98	88	99	99			99	1		
SEC G2941 ST5s (Bernd)	A	Secobra		90	97	96	102	61	103	82	101	98			98	1		
KM 18136 sm1	BP	KWS-Momont		97	98	94	101	71	97	87	99	98			98	1		
Providence sm1	BPS	Desprez	000	97	103	95	101	65	88	85	97	97			97	1		
KWS Lazuli begrannt	BAU	KWS-Momont	III	92	89	94	103	77	93	87	95	95			95	1		
RGT Ritter	A	RAGT		84	95	102	103	41	101	75	100	95			95	1		
Allison	B	Nordic Seed	IIII LI LII	88	93	92	94	64	97	81	95	93			93	1		
RGT Perkussio sm1	A	RAGT		94	103	84	90	51	85	76	93	90			90	1		
Ekonom begrannt	E?	Saatzucht Edelhof		83	86	93	97	59	92	78	92	90			90	1		
Christoph begrannt	BAF	LD-Sz Donau		81	88	81	86	54	92	71	89	86			86	1		
Sec.33-12-2 (Gustus)	E/A	Secobra		80	82	84	89	54	83	72	84	83			83	1		

Versuchsdurchschnitt/moyenne essai =	76.5	79.9	75.7	78.2	61.6	87.5	71.3	81.9	79.0							dt-qx/ha
Vergleichssorten/témoins 3 J./ans: dt/ha	79.1	83.0	77.3	77.5	65.5	86.6	74.0	82.4	79.7	77.6	94.4	83.9	dt-qx/ha			
Vergl.sorten/témoins 3 J./ans: 100% = dt/ha	83.0	83.0	77.5	77.5	86.6	86.6	82.4	82.4	79.7	77.6	94.4	83.9	dt-qx/ha			
Vergl.sorten/témoins 2 J./ans: 100% = dt/ha												78.7	dt-qx/ha			
Vergl.sorten/témoins 1 J./an : 100% = dt/ha												79.7	dt-qx/ha			

	Saat/semis	20/10/20	20/10/20	10/11/20	10/11/20	19/10/20	19/10/20
eingetragen - inscrite	Ernte/récolte	12/08/21	12/08/21	21/08/21	1/08/21	26/08/21	26/08/21
nouvelle inscription - Neueintragung	H2O-Ø	13.8%	13.9%	16.3%	16.5%	19.5%	20.3%
radiation - Strahlung	PS-Ø-HLG	72.8	73.8	74.9	75.5	69.4	73.4
uniquement - nur Bettendorf	PMG-Ø-TKM	40.1	41.4	40.8	43.0	35.4	43.1
sm1= rés. Cécidomyie - Gallmückenres.	Eiweiss-proteïne	11.5%	11.2%	12.2%	11.8%	13.5%	13.0%

Ertrag - rendement

variété Sorte	Qual.	obteneur Züchter	verse Lager I L L I	Ertrag - rendement % nur in Bettendorf geprüfte Sorten variétés testées uniquement à Bettendorf						années Jahre
				red.	int.	Jahres-Ø-annuelles				
						'21	'19	'18	21,19-18	
Asory	A	Secobra	0101	111	106	109	101	99	103	3
Comandor		Danko		82	81	82	99		91	2
Edda		Saatzucht Edelhof		83	85	85	88		87	2
Ethan		Saatzucht Edelhof		95	94	95			95	1
FDN18WW0240		Desprez		103	99	101			101	1
Floki		Breun	ILLI	85	85	86			86	1
Kastell		Secobra		88	93	92			92	1
KW 3152-8-15 (KWS Imperium)		KWS	LLILL	74	76	76			76	1
KW 3740-7-16		KWS		90	87	89			89	1
KW 5105-6-16		KWS		84	78	80			80	1
KWS Universum (KW 5662-2-14)		KWS		86	84	85			85	1
LG Cambria		Limagrain		82	91	90			90	1
LG Mondial		Limagrain		86	89	89			89	1
Marly		Nordic Seed		91	91	92			92	1
Moschus	E	IG-Pflanzenzucht		92	92	93	89	87	90	3
NOS 512144.01		Nordic Seed		74	80	79			79	1
SY118608		Syngenta		84	84	85			85	1
WW SY118762		Syngenta		92	95	96			96	1

Versuchsdurchschnitt/moyenne essai =	72.9	73.3	74.0						dt-qx/ha
Vergleich/témoins 3 J./ans: 100% =	79.1	83.0							dt-qx/ha
Vergleich/témoins 3 J./ans: 100% =	83.0	83.0	82.0	100.7	61.0	81.2			dt-qx/ha
Vergleich/témoins 2 J./ans: 100% =			82.0	100.7		91.4			dt-qx/ha
Vergleich/témoins 1 J./an: 100% =			82.0			82.0			dt-qx/ha

eingetragen - inscrite	Saat/semis	20/10/20
werden nicht weitergeführt! ne seront pas continuées!	Ernte/récolte	12/08/21
	H <sub>2</sub> O-Ø	13.8% 13.9%
mehrortig für Ernte 2022!	PS-Ø-HLG	72.8 73.8
multisites pour récolte 2022!	PMG-Ø-TKM	40.1 41.4
	Eiweiss/protéine	11.5% 11.2%

Qualität - qualité

variété Sorte	Qual.	obtenteur Züchter	H <sub>2</sub> O (%)					HLG-PS (kg/100l)					TKM-PMC (g) Labo ASTA					Eiweiß-proteïne (%) Labo ASTA					Harberg (s)															
			Bettendorff red. int.	Bicherhaff red. int.	Everlange red. int.	Wilwerdange red. int.		Bettendorff red. int.	Bicherhaff red. int.	Everlange red. int.	Wilwerdange red. int.		Bettendorff red. int.	Bicherhaff red. int.	Everlange red. int.	Wilwerdange red. int.		Bettendorff red. int.	Bicherhaff red. int.	Everlange red. int.	Wilwerdange red. int.		Be int.	Bi int.	Ev int.	Wt int.												
KWS Keitum	C	KWS	13.5	13.6	15.9	16.0	15.8	15.6	19.8	20.0	71.0	72.7	74.1	75.4	74.4	71.8	71.8	73.3	38.7	42.4	45.1	47.1	40.6	39.0	42.2	48.2	11.3	10.2	11.2	10.7	13.1	11.8	12.2	11.5	148	186	119	0
Campesino*	B	Secobra	14.0	14.4	17.4	17.7	14.7	14.4	19.9	20.3	72.1	73.3	73.9	73.5	74.0	73.2	70.4	72.1	36.6	38.6	37.5	38.3	30.9	30.6	34.7	39.3	10.3	10.2	10.7	10.9	13.7	13.0	12.1	13.7	317	320	142	0
LG Vertikal	C	Limagrain	12.9	13.3	15.6	16.0	15.8	15.9	19.3	19.8	70.8	72.1	74.2	74.7	72.9	74.9	69.7	74.3	34.2	34.1	36.0	39.2	33.3	35.6	32.6	40.4	10.4	10.6	11.2	10.7	13.1	13.3	12.4	11.8	265	245	178	0
GenTEAM	B	Saaten-Union Nordstaut	13.7	13.6	16.2	16.2	16.1	16.4	19.4	20.8	72.6	72.8	75.1	76.3	76.3	75.8	72.0	75.4	35.2	40.8	41.0	43.0	39.4	40.9	36.4	45.9	12.1	10.5	12.0	11.8	13.8	13.8	13.7	13.2				
Safari* smf	C	Syngenta	14.4	15.0	18.0	18.1	15.4	15.5	21.1	22.0	73.6	74.3	73.0	73.2	72.1	71.7	68.3		39.4	40.3	41.9	42.8	34.8	35.7	36.7	42.0	11.0	11.1	11.8	11.6	13.5	13.4	12.6	12.1	213	169	131	0
KWS Extase	BPS	KWS-Momont	14.1	14.1	16.4	16.5	15.2	14.8	19.6	20.8	71.0	72.4	72.8	73.7	72.6	72.5	69.1	72.1	43.2	48.2	43.4	44.8	35.4	36.8	38.2	45.6	11.2	11.2	11.6	11.3	13.7	12.6	12.8	12.3	288	332	243	0
SU Ecusson	C	Saaten-Union	13.1	13.6	15.8	16.1	15.7	16.1	19.3	20.2	72.2	73.9	75.5	75.6	77.3	74.8	70.4	73.7	39.3	40.1	40.9	43.7	37.2	37.4	34.8	41.2	10.6	11.1	11.5	11.3	13.5	13.4	12.7	13.1	257	266	239	0
KWS Donovan	A	KWS	13.9	14.3	17.0	16.9	15.6	15.9	19.9	21.8	74.7	75.4	76.0	76.8	75.2	75.3	72.7	73.7	0.0	40.8	42.3	45.6	33.4	39.2	38.3	46.9	0.0	10.9	12.2	11.9	14.1	13.8	13.0	12.7				
Infomer*	B	Breun	14.2	14.9	17.2	17.3	14.9	15.2	20.4	21.4	72.1	72.9	73.9	74.0	71.5	70.3	67.1	69.2	36.4	43.3	44.0	45.9	38.5	37.6	41.5	48.9	11.4	11.7	12.5	12.1	13.8	13.8	12.8	12.4	302	341	190	0
KWS Dag	BPS	KWS-Momont	14.3	14.4	17.0	16.8	15.3	14.8	19.7	21.0	73.6	73.5	75.1	76.2	74.0	72.7	67.4	71.4	35.2	44.7	43.6	46.0	36.6	32.3	35.5	46.0	11.4	11.0	11.8	11.6	14.5	12.8	13.3	12.4				
Olivarn smf, begrannt	A	Hauptstaeten	12.8	13.6	16.5	16.4	14.5	14.8	19.4	19.8	68.8	69.4	70.9	72.8	67.5	70.3	64.8	70.1	35.4	37.3	38.0	42.1	33.1	32.1	29.6	38.6	11.8	10.9	11.8	11.5	13.9	13.4	13.6	12.5	261	276	226	0
Johnson	BAU	Saaten-Union	12.8	13.2	15.3	15.7	15.3	15.3	19.5	19.8	67.1	69.1	70.3	70.6	68.7	70.4	69.3	68.6	41.6	36.8	38.9	37.7	32.1	34.9	29.0	35.8	11.3	10.2	11.7	11.0	13.7	13.1	13.3	12.8				
Askaban	A	DSV	15.0	14.0	16.9	16.8	15.4	14.9	19.6	21.2	75.2	75.7	76.4	76.5	75.1	74.7	73.2	74.0	45.6	46.6	47.9	45.5	41.7	42.0	42.0	49.0	12.1	11.6	12.5	12.2	14.6	13.4	13.0	13.0	309	314	347	0
KWS Talent	B	KWS	13.3	13.6	15.6	16.0	15.9	15.7	19.1	20.0	72.5	74.4	75.1	75.6	74.3	75.7	70.6	75.5	41.9	41.1	37.1	39.0	35.0	36.6	32.1	41.4	10.0	10.2	11.3	10.0	13.0	13.0	12.7	11.8				
Colonia*	B	Limagrain	13.6	13.7	16.8	16.9	13.8	13.9	19.3	20.3	70.5	71.7	72.0	72.7	70.5	69.6	66.2	72.2	36.5	40.5	37.2	38.5	33.0	33.4	34.1	41.0	12.8	12.0	12.9	12.8	14.8	14.5	13.8	12.0	293	321	184	0
Pionier*	A	DSV	14.6	14.9	17.3	17.1	14.6	14.5	19.2	19.9	74.9	75.5	76.0	77.1	75.9	74.2	72.9	74.9	37.3	38.3	38.9	40.0	32.7	31.3	33.9	39.0	11.6	11.8	12.6	12.5	14.6	13.9	13.3	13.2	364	373	261	0
KWS Tonerre	BPS	KWS-Momont	14.0	14.0	16.3	16.3	14.4	14.7	18.9	19.2	70.3	71.4	72.6	73.0	71.8	73.7	69.0	72.7	45.6	43.1	40.8	42.7	34.0	36.8	36.9	43.8	11.0	10.4	10.9	10.5	13.1	13.7	13.1	12.7				
Viki	C	Intensazucht	13.6	15.1	15.7	15.6	16.0	16.2	18.9	19.3	73.2	76.5	78.9	78.8	73.1	78.2	69.6	77.4	39.8	41.2	41.0	43.6	37.5	39.1	35.2	44.2	12.0	11.7	12.5	12.2	14.4	14.9	14.0	13.2	307	328	174	0
RGT Reform*	A	RAGT	14.3	14.3	17.2	17.5	14.3	14.4	20.4	21.3	73.1	75.2	74.1	75.9	74.7	73.7	70.9	74.5	38.7	41.1	40.0	41.4	35.1	34.0	40.4	46.6	11.3	11.4	12.5	12.2	14.6	14.1	13.7	13.5	376	402	270	0
Chevignon	B	Saaten-Union	13.2	13.3	15.7	15.6	16.1	15.5	19.3	19.7	71.2	71.9	74.1	74.7	73.4	73.9	67.4	72.6	36.7	40.0	37.7	39.8	35.9	36.4	30.4	39.1	11.4	10.2	11.4	10.7	13.1	12.9	12.8	12.7				
LG Akkurat	A	Limagrain	15.2	14.4	17.3	17.5	16.1	16.1	20.8	21.8	73.5	75.0	75.6	76.2	72.8	72.8	67.7	71.5	37.5	44.9	45.3	49.9	39.0	40.1	36.4	47.3	10.9	11.4	13.4	12.5	15.0	13.9	14.0	13.5	311	272	274	0
Concret begrannt	BP	Desprez	12.8	13.0	15.0	15.2	15.1	15.1	19.5	19.4	67.5	69.8	71.8	72.7	70.5	65.1	69.8		39.6	36.0	39.7	40.6	32.8	34.0	29.9	37.4	12.1	11.4	12.0	11.9	13.8	13.0	13.8	12.7				
Sinatra smf	A	Secobra	13.0	13.7	16.1	16.9	15.3	15.3	19.3	20.3	70.6	71.8	75.3	75.0	72.6	73.8	69.8	73.0	34.8	38.1	39.2	41.9	34.3	36.9	34.8	41.3	10.9	11.4	12.2	11.6	13.7	13.2	13.7	13.0	317	346	251	0
Filon* smf	BPS	Desprez	14.2	13.9	17.4	17.2	14.0	13.7	19.1	20.1	69.3	70.3	71.2	73.4	71.2	68.0	72.1		41.6	37.0	40.6	41.2	32.9	29.5	31.2	37.6	11.8	11.7	12.8	12.4	15.5	14.6	13.6	13.4	282	310	287	0
Chaplin	E	DSV	14.3	14.7	17.4	17.6	14.1	14.8	20.2	21.4	73.6	74.7	74.8	75.5	71.8	71.2	69.3	71.1	41.5	43.1	41.9	44.3	34.2	34.9	38.0	43.9	12.1	11.6	12.9	12.8	15.4	15.4	13.3	13.5	323	381	186	0
LG Initial smf	A	Limagrain	15.5	14.1	16.2	16.9	14.4	15.3	19.5	20.4	69.9	71.3	73.9	74.2	70.1	70.5	68.0	70.6	40.9	36.6	39.0	40.1	31.9	33.5	35.3	42.6	11.0	10.8	12.7	12.7	14.5	14.7	13.7	12.9				
Bernstein*	E	Syngenta	15.4	15.1	17.1	17.4	14.9	14.8	19.8	20.6	76.7	78.0	78.5	79.2	77.9	77.3	73.7	75.8	41.3	42.6	44.7	46.0	39.0	38.8	42.1	46.7	12.0	12.0	12.7	12.6	14.7	14.7	13.1	13.1	375	387	423	0
Imperator	A	Syngenta	13.1	14.2	16.1	16.7	14.8	14.9	19.6	19.6	72.6	74.6	75.1	75.8	73.1	72.1	69.0	73.5	39.2	40.0	37.3	40.4	35.0	32.8	32.2	39.2	10.9	10.9	12.2	11.2	14.3	13.2	14.0	13.1				
Kerubino*	E	LG Pflanzenzucht	14.6	14.6	17.2	17.3	14.4	14.5	20.1	20.2	74.2	75.2	75.9	76.2	74.6	74.3	71.1	74.2	34.8	43.2	41.8	43.5	34.7	35.3	39.0	43.4	11.6	11.8	12.4	12.4	15.0	14.8	13.6	13.8	334	302	226	0
Barranco*	E	Secobra	15.0	14.9	16.9	17.2	14.8	15.3	20.1	20.5	73.7	75.7	76.1	76.4	74.3	74.6	69.5	72.5	42.9	43.2	45.2	47.8	38.3	39.0	38.4	46.6	12.7	12.6	13.2	12.9	15.8	16.0	14.7	14.6	349	339	290	0
Ponticus*	E	RAGT	15.0	15.1	17.1	17.3	14.8	15.1	19.7	20.1	75.2	76.3	76.7	76.8	77.1	76.8	73.2	75.6	40.5	39.2	42.0	42.7	36.8	37.4	38.6	43.8	12.5	12.6	1									