


Bestandesführung - itinéraires techniques

Standort - site	Bettendorf	Bicherhaff	Lieler	Eschette												
Vorrucht - précédent	Winterhartweizen - blé dur d'hiver	Winterweizen - blé d'hiver	Wintertriticale - triticale d'hiver	Winterraps - colza d'hiver												
Gülle - lisier m ³	0	20	30	20												
Saattermin - date de semis	3/10/19	12/10/19	20/09/19	14/10/19												
Saatermin - date de semis (325 mz-6r / 350 2z-2r / 200 Hyb.)																
Sorte Lw - variété agr.	Versuchsaufgabe - abandon des essais Überschwemmungen - inondations	LG Veronika	KWS Kosmos	California												
Herbizid - herbicide	Herbst - automne Frühj. - ptps	- Axial + Biathlon Duo 81 (KAS)	Bacara	- Axial + Biathlon Duo 74 (Alzon + S) 81 (KAS)												
N1 kg N/ha BBCH >22 N2 kg N/ha BBCH >30 N3 kg N/ha BBCH >35		- -	72 (Sulfan) 81 (KAS)	- -												
Bestandesführungsvariante - variante itinéraire technique		red. PS - réd. phytos	integriert - raisonné	red. PS - réd. phytos	integriert - raisonné	red. PS - réd. phytos	integriert - raisonné									
Wiederholungen - répétitions		1	2	1	2	1	2									
Insektizid - insecticide		0	0	0	0	0	0									
Halmwuchsregler - raccourcisseur		1	0	0	Tridus	0	Medax Top									
		2	0	0	0	0	0									
Fungizid - fongicide		1	0	0	0	0	Aviator XPro									
		2	0	0	0	0	0									
Insektizid - insecticide		0	0	0	0	0	0									
		0	0	0	Cythrín Max	0	0									
		0	0	0	0	0	0									
Niederschläge mm / °C précipitations mm / °C	Station ASTA Bettendorf				Station ASTA Remich				Station ASTA Reuler				Station ASTA Roodt			
	mm 19/20	mm 5J/ans	°C 19/20	°C 5J/ans	mm 19/20	mm 5J/ans	°C 19/20	°C 5J/ans	mm 19/20	mm 5J/ans	°C 19/20	°C 5J/ans	mm 19/20	mm 5J/ans	°C 19/20	°C 5J/ans
08	48.00	43.20	18.07	18.36	54.98	48.92	19.54	19.63	91.58	61.15	17.12	17.13	51.40	72.02	14.06	13.48
09	63.50	68.74	13.79	13.92	19.52	53.90	14.80	14.89	56.64	52.99	12.32	13.39	27.50	52.54	10.34	9.34
10	129.70	48.46	10.84	10.10	114.63	46.05	11.76	10.79	124.34	58.36	9.29	9.37	67.00	82.80	4.58	4.89
11	82.20	69.48	5.39	6.19	97.30	71.94	5.29	6.33	100.17	69.08	3.52	4.08	216.20	108.80	2.43	2.41
12	101.30	79.28	4.50	4.29	91.44	78.60	4.80	4.43	126.54	90.37	3.02	2.16	74.80	107.88	-0.45	0.41
01	60.50	69.20	4.20	2.60	52.46	74.33	4.10	2.72	59.98	67.44	2.47	0.82	78.60	66.22	4.28	1.40
02	148.67	67.51	5.72	3.51	144.47	61.06	6.03	3.71	149.96	66.95	3.53	2.15	115.40	74.44	5.73	4.56
03	75.61	56.38	6.34	6.07	63.23	60.53	6.83	6.73	88.72	63.16	4.26	4.39	44.50	43.28	8.60	8.52
04	24.28	33.46	10.87	9.55	16.57	37.35	12.66	10.75	16.08	35.71	10.48	8.55	70.20	60.88	10.02	12.53
05	58.50	62.27	12.44	13.38	61.66	62.53	13.66	14.47	29.39	49.49	11.18	11.94	72.40	85.16	17.79	16.55
06	133.35	85.63	16.18	17.44	95.35	92.56	16.77	18.34	127.49	94.02	14.69	15.98	25.50	56.16	18.40	18.49
07	10.31	45.02	17.39	18.76	10.26	38.36	19.06	20.10	26.65	35.18	15.92	17.42	65.00	54.50	17.83	17.72
Σ resp. Ø	935.92	728.63	10.48	10.35	821.87	726.13	11.28	11.07	997.54	743.90	8.98	8.95	908.50	864.68	9.47	9.19
	Spätfrosttage April - jours de gelées tardives avril: 7 / 4 in-en 2019				Spätfrosttage April - jours de gelées tardives avril: 2 / 4 in-en 2019				Spätfrosttage April - jours de gelées tardives avril: 3 / 7 in-en 2019				Spätfrosttage April - jours de gelées tardives avril: 3 / 4 in-en 2019			
	T° extr. 04: 25,2 -4,8 °C / 25,1 -4,0 °C in-en 2019				T° extr. 04: 25,7 -2,5 °C / 27,9 -3,6 °C in-en 2019				T° extr. 04: 21,6 -4 °C / 22,3 -5 °C in-en 2019				T° extr. 04: 23,7 -1,9 / 24,1 -3,6 °C in-en 2019			

rang variété Rang Sorte	2/6 r 2z/mz	obteneur Züchter	Ertrag - rendement %											années Jahre
			Bicherhaff		Lieler		Eschette		'20 Lieler&Eschette		Jahres-Ø-annuelles			
			red.	norm.	red.	norm.	red.	norm.	red.	norm.	'20	'19	'18	
1 KWS Kosmos	mz	KWS	96	87	104	93	106	90	106	104	102	104	103	3
2 SY Galileo <i>Hyb.</i>	mz	Syngenta	100	101	108	120	83	111	95	103	103	103	103	3
3 Hedwig <i>GMV+ res.</i>	mz	Saaten-Union	97	109	101	71	97	89	99	97	102	105	102	3
4 LG Veronika	mz	Limagrain	97	79	97	84	91	81	94	96	101	104	101	3
5 Lottie	2z	Breun	116	87	99	82	112	84	106	107	96	102	101	3
6 California	2z	Limagrain	110	96	95	99	105	98	101	104	100	96	100	3
7 KWS Higgins	mz	KWS	85	97	105	94	93	95	99	97	100	100	99	3
8 KWS Orbit	mz	KWS	97	89	98	85	99	87	99	98	102	95	99	3
9 Paradies <i>GJV res.</i>	mz	DSV	95	107	102	82	101	94	102	99	100	94	98	3
10 Estoria	2z	Sz. Edelfhof	103	98	103	107	111	103	107	108	94	90	95	3
11 Mizzi	mz	Breun	76	82	88	93	84	88	86	86	98	94	94	3
12 Teuto (SC 65-37A)	mz	Secobra	85	91	113	107	101	99	106	104	106		105	2
13 Toreroo <i>Hyb.</i>	mz	Syngenta	111	88	103	109	89	99	95	104	103		103	2
14 SY Baracooda <i>Hyb.</i>	mz	Syngenta	94	85	95	110	101	98	98	100	104		103	2
15 SY 216489 <i>Hyb.</i>	mz	Syngenta	100	85	97	110	109	99	103	105	102		103	2
16 Esprit (Leu63123)	mz	DSV	84	70	95	110	107	91	102	100	103		102	2
17 KM 12AR92	mz	KWS-Momont	105	85	101	89	91	87	96	100	102		101	2
18 Br12171r8 (300 K/m2)	mz	Breun	91	79	100	100	93	90	96	98	101		100	2
19 KM 12AY64 <i>GJV res.</i>	mz	KWS-Momont	84	100	103	98	98	99	101	99	100		100	2
20 Viola (Leu 63118)	mz	DSV	84	79	102	96	103	88	103	99	100		99	2
21 Sensation (Leu 73203) <i>GMV+/GJV res.</i>	mz	DSV	83	88	108	93	93	91	100	98	100		99	2
22 Bordeaux	2z	Nordic Seed	95	107	98	77	107	91	103	99	99		99	2
23 KWS Faro	mz	KWS-Momont	88	79	97	85	96	82	97	95	100		99	2
24 Br12171p6	mz	Breun	89	99	98	97	96	98	97	97	98		98	2
25 KWS Jaguar <i>GJV res.</i>	mz	KWS-Momont	93	46	86	92	90	70	88	91	101		98	2
26 LG Zebra <i>GJV res.</i>	mz	Limagrain B	82	95	99	83	90	89	94	92	86		88	2
27 Br 12493p3	mz	Breun	106	106	108	108	116	107	112	112			112	1
28 KWS Moselle	2z	KWS	115	98	100	112	116	105	109	112			112	1
29 NOS 913.025-53	2z	Nordic Seed	113	78	107	75	116	76	112	109			109	1
30 Br 12496p5	mz	Breun	102	88	96	109	119	99	108	108			108	1
31 KWS Tardis (KWS B134)	2z	KWS	111	94	99	116	104	106	102	108			108	1
32 SE 16F-2035 WG	2z	Sz. Edelfhof	103	85	104	118	101	102	102	107			107	1
33 GW3887 (SC 10336 SH)	2z	Secobra	99	89	95	109	114	100	105	105			105	1
34 Escuda	2z	Sz. Edelfhof	105	80	91	116	110	99	101	105			105	1
35 SC 65-37C	mz	Secobra F	90	94	107	108	99	102	103	103			103	1
36 LGBB15W003	mz	Limagrain	105	84	104	93	97	89	100	103			103	1
37 SU Jakubus	mz	Saaten-Union	97	81	96	84	112	83	104	101			101	1
38 Contra (SC58812OH) <i>GJV-res.</i>	mz	Secobra	93	100	110	90	89	95	99	99			99	1
39 SU Ruzena	2z	Saaten-Union Ackemann	98	88	96	89	108	88	102	99			99	1
40 Dementiel (SC10168RH)	mz	Secobra	89	76	98	102	98	90	98	98			98	1
41 SY 216477 <i>Hyb.</i>	mz	Syngenta	88	88	102	92	92	90	96	96			96	1
42 Br 12288p5	mz	Breun	85	89	97	99	92	95	94	95			95	1
43 SU Rossignola	mz	Saaten-Union Ackemann	88	112	106	65	95	87	100	95			95	1
44 LG Zappa	mz	Limagrain B	78	83	82	74	104	78	94	88			88	1
45 SU Jule	mz	Saaten-Union	68	98	105	73	75	85	89	85			85	1

Versuchsdurchschnitt/moyenne essai =	37.6	52.1	58.3	63.5	66.5	57.8	62.4	53.8					dt-qx/ha
Vergleichssorten/témoins 3 J./ans: dt/ha	39.6	55.8	58.3	56.7	66.5	56.2	62.4	53.7	100.6	79.2	77.8		dt-qx/ha
Vergleichssorten/témoins 3 J./ans: 100% = dt/ha	39.6	58.3	58.3	66.5	66.5	62.4	62.4	53.7	100.6	79.2	77.8		dt-qx/ha
Vergleichssorten/témoins 2 J./ans: 100% = dt/ha											77.1		dt-qx/ha
Vergleichssorten/témoins 1 J./an: 100% = dt/ha											53.7		dt-qx/ha

eingetragen - inscrite	Saat/semis	12/10/19	20/09/19	20/09/19	14/10/19	14/10/19
nouvelle inscription - Neueintragung	Ernte/récolte	14/07/20	13/07/20	13/07/20	21/07/20	21/07/20
radiation - Streichung	H ₂ O-Ø	12.3%	13.6%	14.2%	11.2%	11.3%

Qualität - qualité

rang Rang	variété Sorte	2/6 r 2z/mz	obteneur Züchter	H ₂ O (%)						HLG-PS (kg)						TKM-PMG (g)											
				Bett.		Bich.		Haut.		Esch.		Bett.		Bich.		Haut.		Esch.		Bett.		Bich.		Haut.		Esch.	
				red.	norm.	red.	norm.	red.	norm.	red.	norm.	red.	norm.	red.	norm.	red.	norm.	red.	norm.	red.	norm.	red.	norm.	red.	norm.	red.	norm.
1	KWS Kosmos	mz	KWS		11.5	12.1	11.9	12.9	11.1	11.3		69.4	68.4	65.1	66.6	68.6	68.7		48.9	46.6	51.0	49.0	50.6				
2	SY Galileo <i>Hyb.</i>	mz	Syngenta		12.2	12.3	13.4	14.1	11.0	11.2		69.9	67.5	61.1	57.5	66.9	67.3		55.0	48.4	50.4	55.7	54.5				
3	Hedwig <i>GMV+ res.</i>	mz	Saaten-Union		14.6	12.3	12.9	13.3	11.3	11.3			67.3	64.1	63.3	67.5	68.0		46.3	45.4	47.3	45.8	49.7				
4	LG Veronika	mz	Limagrain		11.8	12.3	14.0	14.0	11.1	11.4		69.1	68.4	64.2	65.4	66.3	67.4		51.0	50.4	55.5	53.9	52.6				
5	Lottie	2z	Breun		11.8	12.8	14.9	14.2	11.4	11.5		71.4	69.6	57.6	64.0	71.7	71.8		57.1	52.3	56.5	60.8	59.6				
6	California	2z	Limagrain		12.1	14.1	12.6	14.5	11.6	11.8		71.6	69.9	66.3	65.4	70.0	68.8		55.0	48.3	52.2	54.2	54.8				
7	KWS Higgins	mz	KWS		11.5	11.7	13.1	13.6	10.9	11.2		69.2	67.1	63.8	64.9	68.0	69.2		51.9	51.1	51.0	52.4	54.5				
8	KWS Orbit	mz	KWS		11.8	11.7	12.7	13.6	11.0	11.2		70.0	67.8	68.7	65.5	67.2	67.1		52.6	50.7	50.9	52.9	54.1				
9	Paradies <i>GVV res.</i>	mz	DSV		11.4	12.1	13.0	14.1	11.2	11.2		70.3	68.4	64.8	63.0	68.5	68.8		49.6	49.1	48.4	50.9	52.1				
10	Estoria	2z	Sz. Edelfhof		11.4	11.5	13.1	13.2	11.5	11.4		72.3	71.2	65.7	64.9	71.6	72.4		53.4	46.8	51.7	58.6	58.2				
11	Mizzi	mz	Breun		11.5	11.8	12.3	14.2	10.9	11.0		69.4	68.5	66.2	64.1	66.8	67.7		50.9	44.6	51.2	52.7	51.8				
12	Teuto (SC 65-37A)	mz	Secobra		12.5	11.7	16.9	15.5	11.3	11.2		69.0	67.1		60.7	63.6	66.3		50.8	46.7	52.0	51.0	53.0				
13	Toreroo <i>Hyb.</i>	mz	Syngenta		11.2	11.5	12.9	14.1	10.8	11.1		70.3	69.2	62.3	62.8	65.7	68.7		51.1	47.9	47.2	53.9	52.8				
14	SY Baracooda <i>Hyb.</i>	mz	Syngenta		12.0	11.9	13.0	13.7	10.9	11.2		71.7	71.1	61.3	63.0	71.9	70.7		53.4	50.4	49.4	55.0	51.6				
15	SY 216489 <i>Hyb.</i>	mz	Syngenta		11.7	11.9	14.0	14.1	11.1	11.2		71.6	70.1	64.8	66.0	69.6	68.5		50.8	50.0	49.6	50.1	51.4				
16	Esprit (Leu63123)	mz	DSV		11.4	12.8	12.2	13.0	11.1	11.2		69.4	67.2	66.1	61.9	70.0	68.4		49.8		49.2	51.6	50.5				
17	KM 12AR92	mz	KWS-Momont		11.7	12.2	13.6	14.7	11.5	11.7		72.8	71.5	65.1	63.9	71.3	70.3		48.2	51.2	47.3	50.3	51.4				
18	Br12171r8 (300 K/m2)	mz	Breun		12.2	12.0	14.1	13.6	11.1	11.0		69.1	67.1	67.0	66.5	67.7	66.0		54.2	49.6	54.8	56.0	53.9				
19	KM 12AY64 <i>GVV res.</i>	mz	KWS-Momont		11.7	12.3	13.9	13.9	11.7	11.7		71.9	70.5	67.0	66.1	69.8	71.1		47.7	55.1	47.4	51.4	51.6				
20	Viola (Leu 63118)	mz	DSV		11.4	12.4	12.9	13.4	10.7	11.0		68.8	67.9	64.7	65.8	67.5	69.0		51.3	45.6	47.0	50.7	50.4				
21	Sensation (Leu 73203) <i>GMV+GJV res.</i>	mz	DSV		12.3	14.0	12.5	13.5	11.1	11.8		71.2	67.9	62.5	64.5	71.8	63.2		52.3	51.5	50.8	51.3	53.9				
22	Bordeaux	2z	Nordic Seed		12.6	12.4	14.6	14.2	11.3	11.2		73.4	71.0	68.2	68.0	71.7	71.2		55.0	58.6	52.1	50.9	55.2				
23	KWS Faro	mz	KWS-Momont		11.4	11.9	14.9	14.1	11.1	10.9		71.9	71.2	59.8	63.1	70.3	71.1		43.6	52.1	45.1	45.4	45.7				
24	Br12171p6	mz	Breun		11.8	12.1	14.5	14.4	11.1	11.1		69.8	67.4	66.3	66.0	68.4	67.0		53.0	54.4	46.9	53.9	53.7				
25	KWS Jaguar <i>GJV res.</i>	mz	KWS-Momont		11.7	12.2	13.8	14.1	11.2	11.1		72.9	70.7	67.6	67.8	71.5	71.9		46.2	54.8	49.0	49.8	48.2				
26	LG Zebra <i>GJV res.</i>	mz	Limagrain B		12.2	12.9	16.9	14.7	11.1	11.2		70.4	68.4		66.1	67.7	67.0		48.4	46.5	50.0	52.7	51.0				
27	Br 12493p3	mz	Breun		11.5	11.7	14.5	13.6	11.3	11.0		71.1	69.1	67.3	67.0	70.5	68.6		47.3	56.3	46.0	47.3	48.0				
28	KWS Moselle	2z	KWS		11.7	12.8	12.3	13.4	11.4	11.5		73.3	71.1	63.5	65.3	71.9	72.1		53.8	45.5	52.8	53.7	54.2				
29	NOS 913.025-53	2z	Nordic Seed		12.5	12.7	13.0	14.5	11.2	11.4		69.8	68.5	68.9	59.9	66.6	69.3		53.7	42.1	48.7	49.9	55.4				
30	Br 12496p5	mz	Breun		11.6	11.9	14.9	14.0	11.4	11.2		69.4	68.0	65.8	65.3	65.1	68.4		48.0	53.2	48.4	49.4	50.3				
31	KWS Tardis (KWS B134)	2z	KWS		11.6	12.2	13.5	14.2	11.5	11.4		71.7	70.3	65.3	61.4	70.7	71.4		55.5	48.2	46.8	56.3	54.2				
32	SE 16F-2035 WG	2z	Sz. Edelfhof		12.0	13.7	12.4	14.2	11.3	11.2		70.2	70.2	66.7	67.6	72.2	71.6		54.0		48.3	55.6	53.3				
33	GW3887 (SC 10336 SH)	2z	Secobra		14.2	13.7	13.2	15.2	11.4	12.8		72.1	70.5	66.4	64.3	72.0	71.2		60.0	51.2	55.1	60.0	57.4				
34	Escuda	2z	Sz. Edelfhof		12.2	13.0	12.8	13.9	11.5	11.9		71.9	70.4	66.1	66.5	71.7	70.4		53.6	48.7	48.3	55.2	54.6				
35	SC 65-37C	mz	Secobra F		11.1	11.7	12.3	13.7	11.0	11.1		69.1	67.9	62.6	58.3	69.7	69.9		49.9	49.0	48.4	51.9	52.3				
36	LGBB15W003	mz	Limagrain		11.7	11.6	13.8	15.0	11.5	11.3		70.5	68.3	67.7	66.3	67.2	68.6		50.4	50.2	45.1	50.2	53.2				
37	SU Ruzena	2z	Saaten-Union Ackermann		13.0	12.8	16.8	14.6	11.7	11.3		71.8	71.0		66.8	69.7	71.1		52.9	44.0	47.6	51.1	52.5				
38	SU Jakubus	mz	Saaten-Union		12.2	12.8	12.8	13.3	10.8	11.1		66.6	67.9	64.9	65.9	68.2	67.2		49.6	49.4	49.1	49.7	52.9				
39	Contra (SC58812OH) <i>GJV-res.</i>	mz	Secobra		12.9	12.1	13.6	14.3	11.6	11.2		65.6	64.1	61.0	62.6	58.7	66.2		49.6	50.0	47.6	53.6	52.8				
40	Dementiel (SC10168RH)	mz	Secobra		11.4	11.8	13.1	13.4	11.0	10.9		69.4	68.7	66.0	66.5	68.6	69.0		48.2	45.0	50.3	48.4	48.3				
41	SY 216477 <i>Hyb.</i>	mz	Syngenta		11.4	11.9	14.0	14.3	11.5	11.2		71.0	69.4	63.0	65.0		68.0		52.9	49.1	49.4		53.8				
42	Br 12288p5	mz	Breun		12.2	13.0	14.6	13.7	11.6	11.2		70.8	68.5	66.9	66.0	69.8	70.0		52.3	55.3	51.6	53.8	53.6				
43	SU Rossignola	mz	Saaten-Union Ackermann		12.0	12.0	13.7	13.3	11.2	10.8		70.9	70.2	66.0	65.9	69.8	67.7		47.7	52.7	46.8	47.1	47.9				
44	LG Zappa	mz	Limagrain B		11.6	11.5	15.3	14.9	11.3	11.2		71.0	68.9	44.2	53.2	69.6	69.0		46.4	47.3	47.4	47.4	48.8				
45	SU Jule	mz	Saaten-Union		13.6	12.4	12.5	14.1	11.6	11.4		68.2	66.5	62.7	62.6	64.1	67.1		53.6	47.4	53.3	54.9	54.0				
	Ø				12.0	12.3	13.6	14.0	11.2	11.3		70.5	68.9	64.4	64.3	68.8	69.0		51.3	49.6	49.7	52.2	52.5				
	Ø (témoins-Vergleichssorten)				12.2	12.5	13.4	13.9	11.3	11.4		70.3	68.4	63.5	64.3	68.7	69.0		51.8	49.4	51.8	53.0	53.9				