

Bestandesführung - itinéraires techniques

Standort - site	Bettendorf Aufgabe Durum abandon blé dur				Everlange Aufgabe Roggen abandon seigle				Hautbellain				Lellig Aufgabe Roggen & Durum abandon seigle & blé dur				
	WR: H 250/P 300 K.-gr./m ² WT: 325 K.-gr./m ² WHW: 375 K.-gr./m ²		-		-		-		-		-		-		-		-
Vorfrucht - précédent	Raps colza				Mais maïs				Raps colza 20 m ³				Wintergerste orge d'hiver 21 m ³				
Gülle - lisier m ³	0				0				0				0				
Saattermin - date de semis	1/10/20				14/10/20				13/10/20				12/10/20				
Herbizid - herbicide	Herbst - automne Frühj. - ptps				Malibu + Axial Archipel + Actirob				-				-				
N1 kg N/ha BBCH >22 N2 kg N/ha BBCH >30 N3 kg N/ha BBCH >35	Axial + Biathlon (24/03/21) 50 S + 65 N (ATS + AHL: 23/03/21) 80 (AHL: 22/04/21)				70 81 27				-				Biathlon duo 54 81				
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		3		1		2		-				1		2		
Halmwuchsregler - raccourcisseur	1		0		Cycocel		Cycocel		-				Cycocel		Cycocel		
Fungizid - fongicide	1		0		0		0		-				0		0		
Insektizid - insecticide	2		0		Velogy Era (7/05/21)		Velogy Era		-				0		Librax		
Insektizid - insecticide	Getreidehähnchen - léma Blattläuse - puçerons		0		0		0		-				0		0		
Niederschläge mm / °C précipitations mm / °C	Station ASTA Bettendorf				Station ASTA Useldange				Station ASTA Grevenmacher								
	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	46.35	52.19	14.10	13.80	48.32	43.62	16.32	15.17	109.49	60.52	11.05	10.82	
10	99.56	64.75	10.59	10.22	100.92	63.10	9.30	9.69	29.25	62.31	7.47	6.09	123.21	97.26	5.00	3.92	
11	25.63	63.05	6.30	5.70	18.08	58.69	5.15	4.89	99.31	74.32	2.17	2.48	58.46	61.90	4.59	3.81	
12	143.31	102.74	4.49	3.69	136.45	105.59	3.39	2.85	52.18	55.75	6.05	6.68	45.49	35.58	7.40	10.11	
01	90.30	75.72	1.93	2.27	88.78	73.59	0.55	1.41	85.55	59.33	11.06	13.61	50.48	60.41	19.71	18.85	
02	52.08	65.73	3.55	3.24	48.79	66.70	2.85	2.55	196.91	64.36	18.28	19.73	71.32	48.80	17.25	19.04	
03	40.43	56.99	5.13	6.05	46.28	55.32	4.16	5.22									
04	48.73	36.40	6.61	9.17	38.77	36.34	5.32	8.41									
05	71.78	55.41	10.23	12.73	77.51	51.42	8.91	12.00									
06	76.23	79.20	18.16	17.75	100.78	95.98	16.90	16.79									
07	172.67	63.58	17.21	18.51	188.53	73.72	15.84	17.67									
08	45.96	39.75	16.13	17.98	48.53	45.80	14.75	17.28									
Σ resp. Ø	924.12	759.57	9.62	10.13	939.77	778.44	8.44	9.38	969.97	724.16	10.53	10.86					
	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				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				Spätfrosttage April - jours de gelées tardives avril: 10 / 5 in-en 2020 T° extr. 04: 24,6 -3,6 °C / 25,9 -4,3 °C in-en 2020								





Ertrag - rendement

variété Sorte	obteneur Züchter	verse-Lager Bet. Ev. Lell.			Ertrag - rendement %										années Jahre		
					Bettendorf		Everlange		Lellig		'21		Jahres-Ø-annuelles				
					red.	int.	red.	int.	red.	int.	red.	int.	'21	'20		'19	21-19
Lombardo*	Lantmännen SW Seed				91	102	92	106	85	109	94	111	105	106	104	105	3
Kaulos	KWS-Momont				103	100	110	106	86	108	105	109	108	95	106	103	3
Cedrico	Lantmännen SW Seed				87	98	104	111	96	109	100	110	107	100	99	102	3
Brehat*	Desprez	IL	0IL		84	105	74	90	87	99	85	103	98	104	96	100	3
Kasyno*	Danke				84	92	90	103	83	92	89	100	97	89	100	95	3
Riparo	Intersaatzucht				79	86	84	87	85	98	86	94	92	90	102	95	3
Ramos	I.G. Pflanzenzucht				85	97	108	99	102	107	103	105	105	96		100	2
Rivolt	Intersaatzucht	II	0IL		89	90	91	108	82	96	92	103	99	95		97	2
RGT Omeac	RAGT		00L		85	89	94	110	82	103	91	105	100	89		94	2
Ramdam	Agri-Obtentions	II	00I		90	101	110	113	92	104	102	111	108			108	1
Asellus	Desprez				109	116	101	101	90	91	105	108	107			107	1
Lumaco	Lantmännen SW Seed	LLL	ILL		100	100	109	93	99	107	107	104	105			105	1
SU Casparus	Saaten-Union Nordsaat				86	96	98	99	94	92	96	100	99			99	1
Bilboquet	LD				77	85	94	113	86	96	89	102	98			98	1
Corado	Danko				74	73	85	100	72	79	81	88	85			85	1

Versuchsdurchschnitt/moyenne essai =	69.8	75.8	71.7	74.9	59.2	66.7	66.9	72.5	69.6							dt-qx/ha
Vergleichssorten/témoins 3 J./ans: dt/ha	68.4	79.2	63.5	74.6	57.1	67.2	63.0	73.6	70.4	91.9	90.0	84.1				dt-qx/ha
Vergleichssorten/témoins 3 J./ans: 100% = dt/ha	79.2	79.2	74.6	74.6	67.2	67.2	73.6	73.6	70.4	91.9	90.0	84.1				dt-qx/ha
Vergleichssorten/témoins 2 J./ans: 100% = dt/ha												81.1				dt-qx/ha
Vergleichssorten/témoins 1 J./an: 100% = dt/ha												70.4				dt-qx/ha

eingetragen - inscrite	Saat/semis	30/09/20		14/10/20		12/10/20	
nouvelle inscription - Neueintragung	Ernte/récolte	21/08/21		13/08/21		16/08/21	
radiation - Streichung	H ₂ O-Ø	16.9%	17.1%	14.7%	14.7%	15.5%	15.4%
	PS-Ø-HLG	61.4	61.8	65.7	66.0	64.9	63.7
	PMG-Ø-TKM	41.38	43.33	39.53	42.20	33.95	36.04



Qualität - qualité

variété Sorte	obteneur Züchter	H ₂ O (%)						HLG-PS (kg)						TKM-PMG (g)					
		Bet.		Everlange		Lellig		Bet.		Everlange		Lellig		Bet.		Everlange		Lellig	
		red.	int.	red.	int.	red.	int.	red.	int.	red.	int.	red.	int.	red.	int.	red.	int.	red.	int.
Lombardo*	Lantmännen SW Seed	17.2	17.7	14.8	14.8	15.2	15.2	60.1	60.5	63.7	61.6	63.9	62.1	37.9	45.1	33.9	36.0	42.8	44.1
Kaulos	KWS-Momont	16.0	16.2	14.5	14.2	15.8	15.7	61.1	63.2	64.3	66.1	67.2	63.4	37.9	40.1	31.7	30.5	36.1	45.8
Cedrico	Lantmännen SW Seed	16.3	16.7	14.8	15.1	15.2	15.5	61.7	59.6	67.9	65.3	67.2	64.8	45.1	45.5	33.3	35.4	44.0	43.8
Brehat*	Desprez	16.5	16.9	14.6	14.7	15.4	15.1	62.5	64.3	63.8	62.6	61.3	62.3	34.8	36.4	31.8	35.1	38.6	44.1
Kasyno*	Danke	18.5	18.8	14.7	14.5	15.3	15.4	64.1	64.3	63.6	65.9	65.6	60.4	45.8	46.1	34.8	36.9	41.3	43.6
Riparo	Intersaatzucht	16.7	16.7	14.2	14.4	15.8	15.2	59.8	60.7	63.2	64.2	66.6	63.3	41.3	44.9	36.6	37.1	39.4	40.8
Ramos	I.G. Pflanzenzucht	17.0	17.0	14.9	14.8	15.9	15.7	63.8	64.8	66.5	67.1	63.4	63.5	42.7	42.7	34.2	36.7	41.8	40.7
Rivolt	Intersaatzucht	16.0	15.9	14.6	14.8	15.6	16.0	61.6	62.1	65.3	65.4	64.3	64.9	39.7	38.7	31.0	35.6	39.7	37.7
RGT Omeac	RAGT	16.7	17.0	14.6	14.7	15.7	15.4	64.4	64.6	65.6	68.6	60.4	64.4	41.5	44.9	33.8	39.3	34.4	38.6
Ramdam	Agri-Obtentions	17.1	17.7	15.0	14.9	15.3	15.2	60.1	59.7	64.7	64.4	69.1	64.8	45.3	49.0	37.8	40.2	41.8	40.0
Asellus	Desprez	16.6	16.8	14.7	14.6	15.7	15.2	64.5	65.1	69.9	70.5	65.3	66.7	40.7	43.3	39.1	39.3	35.8	45.0
Lumaco	Lantmännen SW Seed	16.6	16.8	14.7	14.8	16.2	15.3	61.2	60.7	67.9	66.8	60.5	63.9	42.5	46.7	32.4	33.0	42.7	44.6
SU Casparus	Saaten-Union Nordsaat	16.7	17.3	14.6	14.4	15.1	15.6	62.1	63.3	65.5	65.9	62.7	63.3	40.4	42.8	34.1	32.8	37.0	43.1
Bilboquet	LD	16.9	17.1	14.6	14.6	15.7	15.5	58.0	56.7	66.9	65.4	67.3	63.2	40.0	38.8	31.7	34.5	39.7	42.0
Corado	Danko	17.8	18.1	14.9	14.6	15.1	15.3	59.8	59.5	66.5	70.1	68.4	64.6	44.5	42.8	33.0	38.2	37.9	39.1
	Ø	16.8	17.1	14.7	14.7	15.5	15.4			65.7	66.0	64.9	63.7			33.9	36.0	39.5	42.2
	Ø (témoins-Vergleichs)	17.4	17.8	14.7	14.7	15.3	15.2	62.2	63.0	63.7	63.4	63.6	61.6	39.5	42.5	33.5	36.0	40.9	43.9



Ertrag - rendement

rang variété Rang Sorte	obteneur Züchter	verse-Lager Bet.	Ertrag - rendement %					années Jahre	
			Bettendorf		Jahres-Ø-annuelles				
			red.	int.	'21	'20	'19	21-19	
KWS Serafino* H	KWS	1000	98	106	104	104	106	105	3
Helltop* H	Nordic Seed	1000	104	94	96	96	94	95	3
KWS Tayo H	KWS	1000	110	114	113	104		108	2
SU Performer H	Saaten-Union	1001	94	107	103	104		104	2
SU Forsetti H	Saaten-Union	1000	96	105	102	105		104	2
Astranos H	Nordic Seed	1000	106	108	108	95		100	2
DC97 P	Danko	1000	82	83	82			82	1
Danko Granat P	Danko	1000	77	79	78			78	1
DC86 P	Danko	1000	81	76	77			77	1
DH 386 H	Nordic Seed	0000	74	78	77			77	1

Versuchsdurchschnitt/moyenne essai =	72.9	75.0	0.0					dt-qx/ha
Vergleichssorten/témoins 3 J./ans: dt/ha	79.8	79.0	79.2	98.2	97.0	91.5		dt-qx/ha
Vergleichssorten/témoins 3 J./ans: 100% = dt/ha	79.0	79.0	79.2	98.2	97.0	91.5		dt-qx/ha
Vergleichssorten/témoins 2 J./ans: 100% = dt/ha						88.7		dt-qx/ha
Vergleichssorten/témoins 1 J./an: 100% = dt/ha						79.2		dt-qx/ha

eingetragen - inscrite
nouvelle inscription - Neueintragung
radiation - Streichung

Saat/semis	30/09/20
Ernte/récolte	21/08/21
H ₂ O-Ø	14.4% 14.1%
PS-Ø-HLG	71.3 70.6
PMG-Ø-TKM	30.26 30.79

Lager-verse: 0 - I - L - LI (red.)



Resultate der Winterroggenversuche 2021 résultats des essais variétaux en seigle d'hiver 2021

Qualität - qualité

rang Rang	variété Sorte	obteneur Züchter	H ₂ O (%)		HLG-PS (kg)		TKM-PMG (g)	
			Bet. red.	Bet. int.	Bet. red.	Bet. int.	Bet. red.	Bet. int.
1	KWS Serafino*	H KWS	14.5	14.1	71.8	71.8	29.5	30.1
2	Helltop*	H Nordic Seed	14.3	14.0	72.3	71.4	31.2	31.6
3	KWS Tayo	H KWS	14.7	14.4	72.2	70.9	31.9	31.5
4	SU Performer	H Saaten-Union	14.2	14.3	70.2	70.5	27.9	30.5
5	SU Forsetti	H Saaten-Union	14.2	14.3	69.4	70.1	29.1	31.9
6	Astranos	H Nordic Seed	14.4	13.9	71.6	72.0	34.5	35.2
7	DC97	P Danko	14.3	14.1	70.5	69.3	30.0	29.8
8	Danko Granat	P Danko	14.1	14.0	71.6	70.0	30.3	30.0
9	DC86	P Danko	14.1	13.9	70.3	68.5	29.6	28.6
10	DH 386	H Nordic Seed	14.8	14.3	72.8	72.0	28.6	28.7
		Ø	14.4	14.1	71.3	70.6	30.3	30.8
		Ø (témoins-Vergleichssorten)	14.4	14.0	72.1	71.6	30.4	30.9



Ertrag - rendement

variété Sorte	obtenteur Züchter	Ertrag - rendement %					années Jahre	
		Everlange		Jahres-Ø-annuelles				
		red.	int.	'21	'20	'19		21-19
Karur	RAGT	104	103	105	123	99	107	3
Wintergold*	Saaten-Union	97	100	100	100	100	100	3
Anvergur	RAGT	92	121	113	111		112	2
Sambadur	Hauptsaaen	72	103	94	107		100	2
Limbodur	Hauptsaaen	62	109	94			94	1

Versuchsdurchschnitt/moyenne essai =	39.8	46.5	40.7				dt-qx/ha
Vergleichssorten/témoins 3 J./ans: dt/ha	45.2	46.5	46.1	44.8	68.9	53.2	dt-qx/ha
Vergleichssorten/témoins 3 J./ans: 100% = dt/ha	46.5	46.5	46.1	44.8	68.9	53.2	dt-qx/ha
Vergleichssorten/témoins 2 J./ans: 100% = dt/ha						45.4	dt-qx/ha
Vergleichssorten/témoins 1 J./an: 100% = dt/ha						46.1	dt-qx/ha

eingetragen - inscrite	Saat/semis	14/10/20
nouvelle inscription - Neueintragung	Ernte/récolte	13/08/21
radiation - Streichung	H ₂ O-Ø	14.3% 14.4%
	PS-Ø-HLG	75.4 74.9
	PMG-Ø-TKM	34.04 37.40

Qualität - qualité

variété Sorte	obtenteur Züchter	H ₂ O (%)		HLG-PS (kg)		TKM-PMG (g)		Eiw.-prot. (%)	
		red.	int.	red.	int.	red.	int.	red.	int.
Karur	RAGT	14.5	14.5	79.2	76.6	35.6	30.0	13.8	15.2
Wintergold*	Saaten-Union	13.5	13.7	69.9	74.0	34.6	37.0	14.6	15.1
Anvergur	RAGT	14.3	14.5	76.1	73.9	39.8	38.0	15.1	14.4
Sambadur	Hauptsaaen	14.6	14.5	75.6	74.4	27.6	42.8	16.0	14.5
Limbodur	Hauptsaaen	14.4	14.5	76.2	75.5	32.6	39.2	16.0	13.3
	Ø	14.3	14.4	75.4	74.9	34.0	37.4	15.1	14.5
	Ø (témoins-Vergleichssorten)	13.5	13.7	69.9	74.0	34.6	37.0	14.6	15.1