

		Bettendorf				Canach-Bicherhaff				Wilwerdange Totalausfall wegen Hagelschäden abandon pour cause de dégâts de grêle			
		integriert - raisonné 3 Wiederholungen - 3 répétitions		red. PS - réd. Phytos 1 Wiederholung - 1 répétition									
Vorfrucht - précédent		SV Getreide--essais var. cér. Silomais - maïs ensilage Sommergerste - orge de ptps				Winterweizen - blé d'hiver Wintergerste - orge d'hiver Ray-grass Ray-grass							
Gülle - lisier		0				20 m ³							
Kali 40% kg K ₂ O/ha		Herbst - automne 160				-							
Saat - semis (50 K-gr/m ² hyb., 65 K-gr/m ² L)		28/08/17				5/09/17							
Schneckenkorn - molluscicide		2x Schneckenlinsen (31/08 & 22/09) Mageos 0,05 (18/10)				1x Schneckenlinsen 6/09 Karate Zeon +							
Insektizid Herbst - insecticide automne		Erdflöh - altise		Koban 2 + Centium 0,18 (30/08)		Butisan Gold + Targa Prestige							
Herbizid - herbicide		Herbst - automne Frühj. - ptps		-									
Halmwuchsregler - raccourcisseur		Herbst - automne Frühj. - ptps		Caryx 1 (18/10)		0		Bor + Tebucur (BBCH 39)					
Fungizid - fongicide		Phoma		0									
		Sclerotinia		Propulse BBCH 65		0		Propulse BBCH 65					
Insektizide- insecticides		<i>laut Sentinelle-Warndienst selon avertissements Sentinelle</i> Glanz. - méligèthe Glanz. - méligèthe Stängelr. - charançon t Schotenr. - charançon s				Plenum (BBCH 53) Cythrin Max (BBCH 39) Decis BBCH 65							
N1 kg N/ha (forme)		151 (AHL+ATS)				108 (KAS)							
N2 kg N/ha (forme)		100 (AHL)				108 (KAS)							
Niederschläge mm / °C		Station Bettendorf				Station Remich				Station Holler			
précipitations mm / °C		mm 17&18	mm 5J/ans	°C 17&18	°C 5J/ans	mm 17&18	mm 5J/ans	°C 17&18	°C 5J/ans	mm 17&18	mm 5J/ans	°C 17&18	°C 5J/ans
	08	45.30	72.84	17.32	17.52	67.50	62.06	18.46	18.61	62.30	81.22	16.50	16.69
	09	104.10	70.10	12.68	14.02	83.10	64.88	13.19	14.90	102.70	72.64	11.95	13.47
	10	38.50	66.38	10.91	10.41	31.40	67.88	11.50	11.02	61.40	60.44	10.58	9.99
	11	81.10	74.05	5.40	6.04	83.50	70.88	5.73	6.54	78.00	78.64	4.81	5.67
	12	110.90	62.60	3.83	3.77	120.60	53.22	3.74	4.23	83.50	67.58	2.59	3.43
	01	129.60	80.82	5.40	2.58	147.50	79.12	5.75	3.03	122.20	83.66	4.14	1.85
	02	19.80	56.50	-0.59	2.75	17.40	49.60	-0.10	3.37	20.30	54.38	-2.08	1.97
	03	51.50	38.86	4.05	5.65	56.50	41.88	4.75	6.69	50.80	65.82	3.15	5.25
	04	59.40	32.66	11.47	9.44	52.60	32.20	12.99	10.70	92.90	44.60	11.28	8.90
	05	75.20	68.40	15.26	13.55	51.20	53.24	16.40	14.77	58.20	53.84	14.99	13.03
	06	81.90	66.52	17.73	17.08	96.70	76.42	18.42	18.23	85.10	82.06	16.96	16.30
	07	8.50	77.60	20.31	19.35	5.60	59.94	21.91	20.49	17.30	64.78	19.89	18.41
	Σ resp. Ø	805.80	767.33	10.31	10.18	813.60	711.32	11.06	11.05	834.70	809.66	9.56	9.58
Besonderheiten - particularités		Spätfrost April - gelées tardives avril: 1 / 16 in-en 2017 T° max 04: 27,7 °C				Spätfrost April - gelées tardives avril: 0 / 6 in-en 2017 T° max 04: 28,4 °C				Spätfrost April - gelées tardives avril: 1 / 12 in-en 2017 Hagel - grêle 29/04/18 T° max 04: 27,3 °C			

Bettendorf



Bicherhaff



variété	obteneur	Bem. - rem.		gr/m ²	Ertrag - rendement %											années			
		Sorte	rH/L		Züchter	Bettendorf		Bettendorf		Bicherhaff		Jahres-Ø-annuelles							
						Bett. 4x	Bich. 3x	red.	int.	int.	'18	'17	'16	'18-'16	Jahre				
1 Dariot	H	DSV	2		50	48.56	94	55.31	107	47.68	105	50.65	106	59.48	109	38.73	119	111	3
2 DK Exlibris	H	Dekalb/Monsanto	1		50	50.30	97	52.90	102	45.17	100	48.71	102	56.52	104	38.95	120	107	3
3 DK Expansion	H	Dekalb/Monsanto	2		50	50.79	98	58.79	113	44.63	98	50.71	106	55.19	101	34.91	108	105	3
4 Windozz	H	RAGT	1		50	50.49	97	51.21	99	46.76	103	48.89	102	60.50	111	30.05	93	104	3
5 DK Exalte	H	Dekalb/Monsanto	2		50	47.23	91	54.81	106	50.38	111	51.65	108	52.31	96	35.15	108	103	3
6 Trezzor	H	RAGT	2		50	50.22	97	49.83	96	47.82	105	48.87	102	59.87	110	27.53	85	101	3
7 Dalton	H	DSV	2		50	49.75	96	55.10	106	46.61	103	50.18	105	54.39	100	31.53	97	101	3
8 DK Extenso (CWH329)	H	Dekalb/Monsanto	2	ILLIL	50	43.00	83	44.73	86	45.16	100	44.73	94	58.38	107	30.22	93	99	3
9 Penn	H	NPZ	1		50	43.67	84	55.65	107	46.37	102	49.51	104	55.08	101	28.30	87	99	3
10 Hertz	H	KWS Momont	2		50	43.96	85	51.83	100	43.00	95	46.43	97	52.11	96	32.54	100	97	3
11 ES Mambo	L	Euralis	3		50	34.55	67	48.83	94	43.86	97	44.56	93	58.40	107	25.91	80	96	3
12 Harpège	H	KWS Momont	2		50	46.42	89	49.02	94	44.77	99	46.57	98	52.44	96	29.49	91	95	3
13 Hybrirock	H	KWS Saat AG	2		50	50.74	98	48.12	93	45.47	100	47.12	99	53.44	98	27.28	84	95	3
14 President	H	Saatbau Linz	2		50	41.99	81	47.61	92	45.99	101	46.10	97	53.55	98	27.16	84	94	3
15 Bender	H	DSV	2		50	41.69	80	47.47	91	42.09	93	44.06	92	54.54	100	27.20	84	93	3
16 Frodo KWS	H	KWS Saat AG	3		50	42.42	82	46.38	89	41.24	91	43.31	91	53.38	98	25.98	80	91	3
17 Mentor Kohlermie res.	H	NPZ	1		50	37.92	73	44.65	86	40.89	90	41.93	88	48.16	88	24.34	75	85	3
18 Lenny	L	Saatbau Linz	2	ZZZZ	ZZZ	50	43.20	83	41.76	80	32.33	37.23	78	51.00	94	26.14	81	85	3
19 MH 12AU027	H	KWS Momont	3		50	46.94	90	52.24	101	48.56	107	49.74	104	57.09	105			105	2
20 WRH506	H	DSV	2		50	48.02	92	53.51	103	47.81	105	49.97	105	55.92	103			104	2
21 ESC14027	H	Euralis	2	LILLLL		50	40.76	79	47.61	92	49.87	47.88	100	56.30	103			102	2
22 DK Exclamation (CWH336)	H	Dekalb/Monsanto	2		50	50.84	98	49.86	96	46.79	103	48.45	102	55.25	101			101	2
23 Dualis	H	DSV	2		50	42.44	82	52.60	101	44.31	98	47.19	99	55.27	101			100	2
24 INV 1010	H	Bayer	2		50	46.93	90	57.41	111	45.00	99	49.46	104	52.76	97			100	2
25 Alabama	H	Limagrain B	2		50	52.11	100	51.42	99	45.93	101	48.79	102		26.90	83		94	2
26 Acapulco	H	Limagrain B	2		50	41.42	80	52.72	102	43.15	95	46.52	97		28.54	88		94	2
27 ESC15039	H	Euralis	2		50	53.26	103	59.09	114	52.17	115	54.90	115					115	1
28 ES Vito	H	Euralis	2		50	57.71	111	56.24	108	53.03	117	54.82	115					115	1
29 Architect TuYV res.	H	Limagrain B	2		50	53.78	104	59.13	114	51.33	113	54.56	114					114	1
30 Pantheon	H	Saatbau Linz	2		50	49.21	95	64.66	125	48.16	106	54.48	114					114	1
32 Halyn	H	KWS Momont	3		50	54.70	105	54.26	105	47.69	105	51.03	107					107	1
33 MH 13CB085	H	KWS Momont	2		50	55.78	107	55.35	107	45.63	101	50.54	106					106	1
34 Annapolis	H	Limagrain B	1		50	51.73	100	55.41	107	46.16	102	50.33	105					105	1
35 Temptation	H	DSV	2		50	45.30	87	53.02	102	49.05	108	50.07	105					105	1
36 Crome Kohlermie res.	H	NPZ	1		50	46.71	90	52.91	102	47.96	106	49.66	104					104	1
37 INV 1035	H	Bayer	2		50	47.40	91	49.48	95	50.23	111	49.60	104					104	1
38 LE 15/296	H	Limagrain B	2	ILLI		50	41.82	81	51.70	100	49.82	49.53	104					104	1
39 Hatrick	H	NPZ	2		50	48.95	94	50.52	97	48.52	107	49.32	103					103	1
40 RGT Gazzetta	H	RAGT	3		50	55.58	107	52.34	101	44.91	99	49.03	103					103	1
41 DK Expedient	H	Dekalb/Monsanto	2		50	51.92	100	50.80	98	46.35	102	48.72	102					102	1
42 CWH398	H	Dekalb/Monsanto	2	ILLL		50	45.36	87	48.34	93	49.54	48.57	102					102	1
43 Angelico TuYV res.	H	Limagrain B	2	LILI		50	35.43	68	46.97	90	51.07	47.58	100					100	1
44 MH 14EP131	H	KWS Momont	2		50	43.33	83	50.89	98	45.29	100	47.14	99					99	1
45 MH 14ES101	H	KWS Momont	3		50	43.35	83	53.08	102	41.83	92	46.24	97					97	1
46 INV 1055	H	Bayer	2		50	43.69	84	46.86	90	42.48	94	44.28	93					93	1
47 Hidylle	H	KWS Momont	2		50	44.47	86	46.97	90	41.23	91	43.79	92					92	1
48 Inventer	H	Bayer	2		50	44.96	87	47.55	92	40.20	89	43.55	91					91	1
49 Regate (IDG 5301)	H	Groetzner			50					44.80	99			50.05	92	28.83	89	99	
50 Carlitat	H	Groetzner			50					42.09	93							93	

Versuchsdurchschnitt/moyenne essai =	46.9	46.9	51.8	51.8	45.9	45.9	48.2												dt-qx/ha	
Vergleichssorten/témoins 3 J./ans: dt/ha	44.6	44.6	51.9	51.9	45.4	45.4													dt-qx/ha	
Vergleichssorten/témoins 3 J./ans: 100% =	51.9	51.9	51.9	51.9	45.4	45.4	47.7	47.7	54.5	54.5	32.4	32.4	44.9	51.1					dt-qx/ha	
Vergleichssorten/témoins 2 J./ans: 100% =																			dt-qx/ha	
Vergleichssorten/témoins 2 J./ans ('18 & '16): 100% =																			40.1	dt-qx/ha
Vergleichssorten/témoins 1 J./an: 100% =																			47.7	dt-qx/ha

eingetragen - inscrite	Saat/semis	29/08/17	29/08/17	5/09/17
nouvelle inscription - Neueintragung	Ernte/récolte	19/07/18	19/07/18	18/07/18
radiation - Streichung	H ₂ O-Ø (%)	6.6%	6.9%	6.1%
Bem. - rem.:	PMG-Ø-TKM (g)	4.42	4.62	4.27
L = Lager - verse; Z = Zwiewuchs - rejets, 1-3 = Blüte fr.-spät-floraison pr.-tardive	Øl % huile	41.16%	41.65%	43.23%

		TKM-PMG / Ölgehalt-teueur en huile / Ölertrag-rendement en huile, Jahres-Ø-annuelle												années Jahre			
Rang K-E class. r. gr.	variété Sorte	obteneur rh/L Züchter	gr/m2 K/m2	'18			'17			'16			'18-'16				
				TKM g	Öl%	Ölertr.	TKM g	Öl%	Ölertr.	TKM g	Öl%	Ölertr.	TKM g		Öl%	Ölertr.	
3.1	Dariot	H DSV	50	4.7	42.7	104	4.6	42.6	110	4.1	42.1	121	4.5	42.5	111	3	
3.2	DK Exlibris	H Dekalb/Monsanto	50	4.4	41.5	98	4.4	42.3	104	4.2	41.1	119	4.3	41.6	105	3	
3.3	DK Expansion	H Dekalb/Monsanto	50	4.4	43.0	105	4.2	42.6	102	4.4	41.9	109	4.3	42.5	105	3	
3.5	DK Exalte	H Dekalb/Monsanto	50	4.6	42.8	107	4.9	42.0	96	4.3	41.7	109	4.6	42.2	103	3	
3.4	Windozz	H RAGT	50	4.3	41.7	98	4.4	42.5	112	4.0	40.5	91	4.2	41.6	102	3	
3.7	Dalton	H DSV	50	4.3	43.0	104	4.2	42.3	100	3.6	41.5	97	4.0	42.3	101	3	
3.6	Trezzor	H RAGT	50	4.3	43.6	103	4.1	40.6	106	4.0	41.7	85	4.1	42.0	100	3	
3.9	Penn	H NPZ	50	4.7	42.5	102	4.5	42.5	102	4.1	41.1	87	4.4	42.0	98	3	
3.8	DK Extenso (CWH329)	H Dekalb/Monsanto	50	4.0	40.4	87	3.9	42.2	107	3.9	40.7	92	3.9	41.1	96	3	
3.14	President	H Saatbau Linz	50	4.0	44.2	98	4.5	42.6	99	4.0	42.5	86	4.2	43.1	96	3	
3.15	Bender	H DSV	50	4.1	45.2	96	4.3	42.2	100	3.7	42.5	86	4.0	43.3	95	3	
3.12	Harpège	H KWS Momont	50	4.4	42.6	96	3.9	42.1	96	3.9	42.1	92	4.1	42.3	95	3	
3.11	ES Mambo	L Euralis	50	4.4	42.9	92	4.0	41.5	106	4.8	41.0	79	4.4	41.8	95	3	
3.10	Hertz	H KWS Momont	50	4.5	41.1	92	4.5	41.6	94	4.4	40.6	98	4.5	41.1	95	3	
3.13	Hybrirock	H KWS Saat AG	50	4.8	42.7	97	4.1	42.0	98	4.5	39.8	81	4.5	41.5	94	3	
3.16	Frodo KWS	H KWS Saat AG	50	4.1	42.7	89	4.4	42.0	98	3.9	40.0	77	4.1	41.6	90	3	
3.17	Mentor <i>Kohlhemie res.</i>	H NPZ	50	4.4	44.1	89	4.3	42.5	89	3.8	41.9	76	4.2	42.8	86	3	
3.18	Lenny	L Saatbau Linz	50	4.2	40.1	72	4.4	42.4	94	4.1	39.5	77	4.2	40.7	82	3	
2.2	WRH506	H DSV	50	4.1	44.2	107	3.8	40.7	99				3.9	42.5	103	2	
2.1	MH 12AU027	H KWS Momont	50	4.2	41.1	99	4.5	41.6	104				4.4	41.4	101	2	
2.3	ESC14027	H Euralis	50	4.3	41.5	96	4.1	42.1	103				4.2	41.8	100	2	
2.5	Dualis	H DSV	50	4.4	42.5	97	4.5	42.3	102				4.4	42.4	100	2	
2.4	DK Exclamation (CWH336)	H Dekalb/Monsanto	50	4.5	41.9	98	4.5	41.7	100				4.5	41.8	99	2	
2.6	INV 1010	H Bayer	50	4.7	42.1	100	4.5	41.0	94				4.6	41.5	97	2	
2.7	Alabama	H Limagrain B	50	4.7	42.6	100				4.4	40.7	81	4.6	41.7	93	2	
2.8	Acapulco	H Limagrain B	50	4.5	41.2	93				3.9	40.9	87	4.2	41.1	90	2	
1.2	ES Vito	H Euralis	50	4.5	43.1	114							4.5	43.1	114	1	
1.3	Architect <i>TuYV res.</i>	H Limagrain B	50	4.6	42.7	112							4.6	42.7	112	1	
1.1	ESC15039	H Euralis	50	4.3	42.4	112							4.3	42.4	112	1	
1.4	Pantheon	H Saatbau Linz	50	4.4	41.6	109							4.4	41.6	109	1	
1.9	Crome <i>Kohlhemie res.</i>	H NPZ	50	4.4	44.8	107							4.4	44.8	107	1	
1.8	Temptation	H DSV	50	4.0	44.4	107							4.0	44.4	107	1	
1.5	Halyn	H KWS Momont	50	4.3	41.9	103							4.3	41.9	103	1	
1.12	Hatrick	H NPZ	50	4.6	43.2	103							4.6	43.2	103	1	
1.6	MH 13CB085	H KWS Momont	50	4.7	42.0	102							4.7	42.0	102	1	
1.10	INV 1035	H Bayer	50	4.4	42.5	102							4.4	42.5	102	1	
1.14	DK Expedient	H Dekalb/Monsanto	50	4.2	43.0	101							4.2	43.0	101	1	
1.7	Annapolis	H Limagrain B	50	4.9	41.3	100							4.9	41.3	100	1	
1.13	RGT Gazzetta	H RAGT	50	4.2	42.0	99							4.2	42.0	99	1	
1.11	LE 15/296	H Limagrain B	50	4.4	41.1	98							4.4	41.1	98	1	
1.15	CWH398	H Dekalb/Monsanto	50	4.5	41.5	97							4.5	41.5	97	1	
1.17	MH 14EP131	H KWS Momont	50	4.6	41.9	95							4.6	41.9	95	1	
1.16	Angelico <i>TuYV res.</i>	H Limagrain B	50	4.9	41.3	95							4.9	41.3	95	1	
1.19	INV 1055	H Bayer	50	4.4	43.6	93							4.4	43.6	93	1	
1.18	MH 14ES101	H KWS Momont	50	4.3	41.2	92							4.3	41.2	92	1	
1.21	Inventer	H Bayer	50	4.9	43.0	90							4.9	43.0	90	1	
1.20	Hidylle	H KWS Momont	50	3.9	40.2	85							3.9	40.2	85	1	
	Regate (IDG 5301)	H Groetzner	50	5.0	43.0	93	4.7	42.3	92				4.9	42.7	93	2	
	Carlitat	H Groetzner	50	4.0	41.7	85							4.0	41.7	85	1	
Versuchsdurchschnitt/moyenne essai				4.4	42.4												
Vergleichssorten				4.4	42.6		4.4	42.1		4.2	41.4		4.3	42.0			
Vergleichssorten/témoins 3 J./ans: 100% = dt-qx/ha Öl - huile						20.7			23			13.4			19.0		
Vergleichssorten/témoins 2 J./ans: 100% = dt-qx/ha Öl - huile															21.8		
Vergleichssorten/témoins 2 J./ans: 100% = dt-qx/ha Öl - huile															17.1		
Vergleichssorten/témoins 1 J./an : 100% = dt-qx/ha Öl - huile															20.7		

eingetragen - inscrite
nouvelle inscription - Neueintragung
radiation - Streichung