



RESULTATS PROVISOIRES ET PARTIELS DES ESSAIS VARIETAUX DE COLZA D'HIVER 2017

VORLAEUFIGE TEILERGEBNISSE DER WINTERRAPS-SORTENVERSUCHE 2017

PROVISIONAL AND PARTIAL RESULTS OF CULTIVAR TRIALS WITH WINTER OILSEED RAPE 2017

Auteurs : Vincent Nussbaum, Carolin Luginbühl, Simon Strahm et Alice Baux

Associés : collaborateurs de la ferme



Variétés / Sorten / Varieties**Obtenteur/Züchter/Breeder**

1	Avatar	HR	NPZ
2	V316OL	HR HOLL	DSV
3	Attletick	HR	RAGT
4	Bonanza	HR	RAGT
5	Astronom (LE11/220)	HR high linolenic	Limagrain
6	Sy Alistar	HR tolérant hernie	Syngenta
7	Trezzor	HR	RAGT
8	Kicker(SLM14013W11)	HR	NPZ
9	Leopard (LSF 1334)	HR	NPZ
10	Hourra	HR	KWS/Momont
11	Mentor	tolérant hernie	NPZ
12	CWH 328	HR	Monsanto
13	Fernando	HR	KWS
14	MH12AQ37	HR	Momont
15	MDS32	HR HOLL	DSV
16	RNX3526	HR	Syngenta
17	Architect (LE14/276)	HR	Limagrain
18	MDS53	HR HOLL	Monsanto
19	CWH391	HR	Monsanto
20	Naiad	Hybride composite	Monsanto
21	Bender	HR	DSV
22	MDS40	HR HOLL	DSV
23	MDS44	HR HOLL	DSV
24	PT225	HR	Pioneer
25	RAP16121W11	HR	NPZ
26	SLM16114W11	HR	NPZ
27	Hawaii	HR	KWS
28	H9131393	HR	KWS
29	Président	HR	Saatbau linz
30	RGT QUIZZ (HRC909)	HR	RAGT

Lieu d'essai / Versuchsorte / Locations

Chs.	Changins VD
Sat.	Satigny GE
Gou.	Goumoens-la-Ville VD
Burt.	Burtigny VD
Mis.	Missy VD
Rec.	Reckenholz ZH
Gen.	Gennersbrunn SH

RÉSULTATS DES ESSAIS DE VARIÉTÉS DE COLZA D'HIVER 2016 - 2017

Rendement en grain trié, à 6 % d'eau, en dt/ha
 Kernertrag, gereinigt, 6 % Wassergehalt, in dt/ha
 Seedyield, cleaned, 6 % moisture content, in dt/ha

Lieux d'essai	Chs.	Sat.	Gou.	Burt.	Mis.	Rec.	Gen.	Moyennes
Avatar	37.1	28.0	37.7	45.0	34.8	44.9	47.6	39.3
V316OL	37.4	24.2	35.0	43.0	40.2	46.8	48.0	39.2
Attletick	37.9	25.6	40.1	45.1	36.6	43.5	54.9	40.5
Bonanza	36.7	27.0	38.0	43.9	36.6	44.3	51.5	39.7
Astronom (LE11/220)	39.8	27.2	36.6	46.5	37.9	47.6	48.8	40.6
Sy Alistar	33.9	31.3	33.6	38.4	37.7	43.8	44.9	37.7
Trezzor	40.8	24.4	39.4	46.1	41.6	54.4	49.7	42.3
Kicker (SLM14013W11)	35.3	28.3	35.8	42.9	40.3	50.0	49.7	40.3
Leopard (LSF 1334)	36.8	25.4	40.5	45.5	37.9	48.8	55.2	41.4
Hourra	36.1	24.0	32.9	44.7	31.8	42.0	50.5	37.4
Mentor	36.8	20.3	32.0	39.2	35.7	44.8	46.6	36.5
CWH 328	42.5	27.3	41.9	44.5	38.3	49.9	54.1	42.6
Fernando	35.5	24.5	38.8	39.3	31.6	46.9	46.8	37.6
MH12AQ37	37.6	25.1	33.7	44.2	36.0	43.3	50.8	38.7
MDS32	32.0	26.2	32.4	40.2	34.2	40.7	50.0	36.5
RNX3526	38.2	26.1	33.7	42.8	35.8	47.4	53.8	39.7
Architect (LE14/276)	40.6	25.8	38.5	42.5	39.9	51.7	54.1	41.9
MDS53	36.5	24.2	29.7	37.0	37.3	46.8	41.3	36.1
CWH391	39.5	26.6	34.6	44.9	38.3	45.3	52.1	40.2
Naiad	38.2	28.8	36.2	44.1	37.6	46.5	51.5	40.4
Bender	39.2	24.1	38.6	45.3	35.4	46.5	52.8	40.3
MDS40	34.5	22.1	35.5	44.5	37.5	44.1	50.5	38.4
MDS44	32.0	18.7	28.2	41.5	25.6	38.9	41.2	32.3
PT225	35.6	21.5	36.2	40.6	37.3	46.8	53.1	38.7
RAP16121W11	39.3	26.1	41.2	45.4	42.8	49.5	50.8	42.2
SLM16114W11	34.7	22.0	34.1	34.1	32.3	43.7	50.2	35.9
Hawaii	33.6	26.8	33.8	41.4	36.3	44.3	52.2	38.3
H9131393	37.0	30.8	38.2	47.8	37.5	50.2	54.0	42.2
Président	34.5	30.4	35.1	39.6	41.7	48.5	53.3	40.4
RGT QUIZZ (HRC909)	36.9	27.5	38.5	42.2	37.6	41.6	54.3	39.8
Moyenne d'essai	36.9	25.7	36.0	42.7	36.8	46.1	50.5	39.2
PPDS 0.05	4.7	5.8	4.3	3.9	4.3	5.2	5.7	
PPDS 0.01	6.3	7.7	5.7	5.2	5.7	6.9	7.6	
C.V. (%)	7.9	13.7	7.3	5.6	7.1	6.8	6.9	

RÉSULTATS DES ESSAIS DE VARIÉTÉS DE COLZA D'HIVER 2016 - 2017

Rendement en grain trié, à 6 % d'eau, en valeur relatives, 100 = (Avatar + V316OL + Attletick)/3

Kornertrag, gereinigt, 6 % Wassergehalt, Relativwerte, 100 = (Avatar + V316OL + Attletick)/3

Seedyield, cleaned, 6 % moisture content, relative values, 100 = (Avatar + V316OL + Attletick)/3

Lieux d'essai	Chs.	Sat.	Gou.	Burt.	Mis.	Rec.	Gen.	Moyennes
Avatar	98.9	107.9	100.2	101.4	93.6	99.6	94.9	99.5
V316OL	99.9	93.3	93.1	96.9	108.0	103.9	95.7	98.7
Attletick	101.2	98.8	106.7	101.7	98.5	96.5	109.4	101.8
Bonanza	97.9	103.9	101.2	98.9	98.4	98.3	102.5	100.2
Astronom (LE11/220)	106.3	105.0	97.3	104.8	101.7	105.5	97.3	102.6
Sy Alister	90.4	120.5	89.5	86.5	101.4	97.3	89.4	96.4
Trezzor	108.9	94.2	104.7	103.8	111.9	120.7	99.1	106.2
Kicker (SLM14013W11)	94.1	109.2	95.2	96.7	108.2	110.9	99.1	101.9
Leopard (LSF 1334)	98.3	98.0	107.8	102.6	101.9	108.3	110.0	103.8
Hourra	96.4	92.6	87.5	100.7	85.4	93.1	100.6	93.8
Mentor	98.3	78.1	85.2	88.3	95.9	99.4	92.8	91.1
CWH 328	113.4	105.1	111.4	100.4	103.1	110.7	107.8	107.4
Fernando	94.7	94.3	103.1	88.5	85.1	104.1	93.2	94.7
MH12AQ37	100.3	96.8	89.6	99.5	96.7	96.0	101.3	97.2
MDS32	85.5	100.8	86.3	90.7	91.8	90.2	99.6	92.1
RNX3526	101.9	100.6	89.6	96.5	96.2	105.1	107.2	99.6
Architect (LE14/276)	108.3	99.6	102.4	95.8	107.2	114.8	107.9	105.1
MDS53	97.5	93.1	79.1	83.3	100.2	103.8	82.4	91.3
CWH391	105.4	102.6	92.1	101.3	102.9	100.6	103.7	101.2
Naïad	101.8	110.9	96.2	99.3	101.0	103.2	102.6	102.1
Bender	104.6	92.7	102.6	102.1	95.1	103.2	105.1	100.8
MDS40	92.0	85.2	94.5	100.3	100.7	97.8	100.6	95.9
MDS44	85.3	71.9	74.9	93.6	68.8	86.3	82.2	80.4
PT225	95.0	82.8	96.3	91.5	100.2	103.9	105.8	96.5
RAP16121W11	104.8	100.7	109.5	102.3	115.1	109.8	101.2	106.2
SLM16114W11	92.5	84.7	90.8	76.7	86.8	97.0	100.0	89.8
Hawaii	89.7	103.2	89.8	93.3	97.6	98.4	103.9	96.6
H9131393	98.9	118.8	101.7	107.8	100.9	111.4	107.5	106.7
Président	92.1	117.1	93.4	89.3	112.0	107.6	106.2	102.5
RGT QUIZZ (HRC909)	98.4	105.8	102.4	95.0	101.1	92.2	108.3	100.5
Moyenne d'essai	98.4	98.9	95.8	96.3	98.9	102.3	100.6	98.8

RÉSULTATS DES ESSAIS DE VARIÉTÉS DE COLZA D'HIVER 2016 - 2017

Humidité du grain à la récolte (%)
 Wassergehalt des Korns am Erntetag (%)
 Moisture content of seed at harvest (%)

Lieux d'essai	Chs.	Sat.	Gou.	Burt.	Mis.	Rec.	Gen.	Moyennes
Avatar	8.9	7.0	8.4	7.1	7.5	5.6	11.6	8.0
V316OL	11.5	7.1	10.0	7.6	8.1	5.8	12.1	8.9
Attletick	9.6	7.1	10.2	7.9	8.2	5.6	12.2	8.7
Bonanza	10.9	7.0	9.8	7.8	8.0	5.6	11.7	8.7
Astronom (LE11/220)	9.2	6.8	9.6	7.6	8.2	5.9	12.5	8.5
Sy Alister	9.8	7.0	9.3	7.7	7.8	5.9	12.5	8.6
Trezzor	10.4	7.0	10.1	9.1	8.3	5.7	11.4	8.9
Kicker (SLM14013W11)	12.2	7.5	11.9	9.1	9.6	5.7	11.7	9.7
Leopard (LSF 1334)	11.0	6.9	9.3	7.6	8.2	5.7	11.7	8.6
Hourra	9.8	6.5	10.6	8.0	7.6	5.8	13.6	8.8
Mentor	9.9	6.9	9.0	7.9	7.9	5.8	11.3	8.4
CWH 328	8.9	6.8	8.8	7.6	8.1	6.1	13.3	8.5
Fernando	9.8	6.9	9.6	7.8	8.1	5.8	13.7	8.8
MH12AQ37	9.3	7.0	13.5	8.2	9.0	5.8	12.8	9.4
MDS32	11.1	7.4	11.1	8.9	8.7	5.5	12.1	9.3
RNX3526	9.7	6.6	9.5	7.5	7.9	5.7	11.5	8.3
Architect (LE14/276)	10.9	6.8	10.3	7.9	8.1	5.3	12.0	8.8
MDS53	10.2	7.0	11.1	7.5	7.5	5.8	13.7	9.0
CWH391	10.2	6.9	9.8	7.7	8.3	6.0	12.4	8.8
Naïad	9.7	6.8	9.7	7.4	8.0	5.7	12.7	8.6
Bender	8.6	6.5	8.5	8.3	8.3	5.5	11.1	8.1
MDS40	10.7	7.1	10.7	7.6	8.7	5.7	12.7	9.0
MDS44	10.0	7.8	11.2	7.8	8.6	6.0	13.7	9.3
PT225	12.5	7.4	11.3	8.3	8.7	5.9	14.3	9.8
RAP16121W11	11.3	6.8	8.3	7.8	8.0	5.8	12.2	8.6
SLM16114W11	10.4	6.9	9.0	7.3	7.8	5.8	12.9	8.6
Hawaii	10.4	7.5	10.2	7.5	8.5	6.1	11.2	8.8
H9131393	9.2	6.6	9.8	8.6	7.8	5.5	12.1	8.5
Président	11.4	7.3	11.2	7.4	8.5	5.3	11.8	9.0
RGT QUIZZ (HRC909)	10.5	6.7	10.3	8.0	8.5	5.8	12.0	8.8
Moyenne d'essai	10.3	7.0	10.1	7.9	8.2	5.7	12.4	8.8
PPDS 0.05	1.3	0.4	0.9	0.7	0.6	0.4	n.s.	
PPDS 0.01	1.7	0.6	1.2	1.0	0.9	0.5	n.s.	
C.V. (%)	7.6	3.9	5.3	5.8	4.8	3.8	9.9	