

Field Ratings for Resistance to Phoma Blackleg, 2007-2008

Variety	Blackleg ¹	Variety	Blackleg ¹
	Plains % diseased		Plains % diseased
State Spring Canola Trial Entries		Superior Edible Oil Canola Trial Entries	
15F7.2.A81.5DH109	63	511.P11.P8.P1.P1	27
4C4..P9.P1	37	511.P11.P8.P2.P2	37
511.P11.P8.P4	47	511.P30.P10.P2.P3	67
528.33.5.P4.P8	37	511.P30.P8.P1.P2	30
Cyclone*	80	514.P38.P10.P1.P2	50
Falcon*	3	514.P38.P5.P4.P1	13
Flint*	33	518.13.1.P5.P1.P2	15
G01114.2	60	518.13.1.P5.P1.P3	23
G03036.D3	17	518.13.1.P5.P2.P2	43
G04023.D5	63	518.40.1.P4.P9.P2	23
G04031	7	528.33.5.P4.P8.P1	40
G04033	57	537.18.3.P3.P4.P1	73
G04034	40	537.41.3.P2.P9.P3	50
G04035	60	537.41.3.P5.P9.P1	17
G04038.P4.P3	73	542.30.1.P2.P5.P3	47
G04052.D4	83	Cyclone*	80
G04059	80	Falcon*	0
G04060	63	Flint*	33
Lolinda	83	Lolinda	83
Oscar*	67	Oscar*	70
P01.772.P7.P9.1s	23	Roy	77
P01.772.P7.P9.8	77	Westar*	90
P01.772.P7.P9.9s	77		
P01114.5.14	47	Average	45
P01114.5.15	47	LSD at 10% Level	21
P01114.5.5	83	Std. Err. of Entry Mean	9
P01114.5.9	63		
Roy	80		
Westar*	87		
Average	56		
LSD at 10% Level	20		
Std. Err. of Entry Mean	8		

* Included in test as a blackleg standard.

1. Blackleg rated as total percentage of plants killed by blackleg or with severe basal stem canker.

Bolding indicates entries with blackleg resistance ratings equal to the best rated entry within a column based on Fisher's protected LSD ($P = 0.10$).

NOTE: This nursery was located in the proximity of fields infected with *Phoma* blackleg the previous season. Disease severity was further increased by spreading infected stubble over the nursery shortly after planting.

Data collected by D. Spradlin, D. V. Phillips and P. L. Raymer.

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National Winter Canola Variety Trial Entries			
45D03	33	Hybristar	27
46W14	27	Jetton	70
46W99	37	KS CH586	10
ARC2180-1	30	KS Hearty	50
ARC97018	30	KS3018	43
ARC97019	27	KS3074	20
ARC98007	37	KS3077	27
ARC98015	37	KS3132	27
Abilene	47	KS3254	13
BSX-501	43	KS3302	20
BSX-567	67	KS4022	33
Baldur	40	KS4085	23
CWH081	23	KS4158	20
CWH095	43	KS7436	27
CWH111	40	KS9135	23
CWH116	20	Kadore	20
CWH630	53	Kronos	43
CWH631	20	MH604001	30
CWH632	40	MH903383	47
CWH633	33	NPZ0391RR	13
CWH686	37	NPZ0791RR	27
CWH687	27	Oscar*	83
CWH688	27	P99.603.1	40
Ceres	40	P99.603.5	37
Cyclone*	90	P99.603.8	20
DKW13-69	37	Plainsman	30
DSV07100	30	Rally	40
DSV07101	30	Satori	57
DSV07102	20	Sitro	37
Falcon*	33	Sumner	23
Flash	30	Taurus	27
Flint*	47	Virginia	47
Forza	17	Visby	53
Hornet	30	Westar*	90
HyClass107W	73	Wichita	30
		Average	36
		LSD at 10% Level	19
		Std. Err. of Entry Mean	8

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