

2017 Spring canola variety trial, Corvallis, MT.

Variety	Distributor	Plant Count ft ²	Plant Height in	Bird Damage %	Grain Yield ¹ bu/ac	Test Weight ² lb/bu	Oil Content ^{1,2} %
Clearfield							
5545 CL	Brett Young	13.0	41.3	0.5	4.9	52.5	44.4
Liberty Link							
In Vigor L140P	Bayer CropScience	20.5	41.8	1.7	4.2	52.3	43.7
In Vigor L230	Bayer CropScience	17.8	42.3	35.0	3.9	51.1	46.4
In Vigor L233P	Bayer CropScience	12.3	40.9	20.0	6.3	52.6	43.8
In Vigor L252	Bayer CropScience	19.5	42.1	21.3	5.5	51.5	45.3
Roundup Ready							
6074 RR	Brett Young	15.3	42.5	0.0	5.4	50.8	44.1
6080 RR	Brett Young	13.0	40.7	3.0	4.4	51.3	45.7
HyCLASS 930	CROPLAN by WinField	10.0	36.4	1.8	3.9	51.4	45.1
HyCLASS 955	CROPLAN by WinField	9.5	34.1	10.5	4.7	51.6	45.4
HyCLASS 970	CROPLAN by WinField	12.8	39.7	10.0	3.8	51.3	46.8
DKL 35-23	Dekalb	15.5	37.0	25.0	5.8	50.9	44.9
DKL 70-10	Dekalb	16.3	39.8	14.0	7.3	52.4	43.5
Sulfonylurea							
C5507 ³	Cibus	8.5	45.2	0.5	2.5	-	-
C5513 ³	Cibus	7.0	39.6	0.5	2.5	-	-
C5522	Cibus	13.0	43.0	1.5	4.3	50.9	44.5
Mean		13.6	40.4	9.7	4.6	51.6	44.9
CV%		33.9	6.4	161.0	39.7	-	-
LSD		6.6	3.7	22.2	NS ⁴	-	-
P-Value		0.0038	<0.0001	0.0393	0.0383	-	-

¹ Adjusted to 8% moisture

² Only one replicate summarized

³ Not enough grain sample to measure test weight or oil content

⁴ LSD considered non-significant when grain yield CV% > 15

Bold indicates top-performing cultivar(s) in a column

Bold indicates cultivar performing statistically equivalent to top-performing cultivar(s)