

2017 Spring canola variety trial, Sidney, MT.

Variety	Distributor	Plant Count ft <sup>2</sup>	Flower Date		Plant Height in	Grain Yield <sup>1</sup> bu/ac	Test Weight lb/bu	Oil Content <sup>1</sup> %
			cal	jul				
Clearfield								
5545 CL	BrettYoung	13.1	12-Jun	163.0	43.2	36.9	<b>53.1</b>	51.2
Liberty Link								
In Vigor L140P	Bayer CropScience	12.5	11-Jun	162.3	42.5	36.8	<b>53.0</b>	48.7
In Vigor L230	Bayer CropScience	10.7	5-Jun	<b>156.5</b>	40.3	38.5	<b>54.3</b>	51.3
In Vigor L233P	Bayer CropScience	10.8	7-Jun	158.0	43.6	37.2	<b>52.6</b>	49.5
In Vigor L252	Bayer CropScience	13.8	12-Jun	163.8	43.7	<b>44.5</b>	<b>53.1</b>	50.4
Roundup Ready								
6074 RR	BrettYoung	10.8	10-Jun	161.3	<b>46.8</b>	<b>44.8</b>	51.6	51.3
6080 RR	BrettYoung	11.2	10-Jun	161.3	<b>44.7</b>	31.8	<b>53.2</b>	49.9
HyCLASS 930	CROPLAN by WinField	15.0	5-Jun	<b>156.8</b>	39.8	37.5	<b>53.6</b>	51.4
HyCLASS 955	CROPLAN by WinField	9.7	6-Jun	<b>157.0</b>	38.1	36.7	<b>53.5</b>	52.9
HyCLASS 970	CROPLAN by WinField	13.4	10-Jun	161.5	<b>44.0</b>	37.9	<b>53.5</b>	51.6
DKL 35-23	Dekalb	14.6	6-Jun	<b>157.0</b>	39.5	33.3	<b>54.0</b>	51.0
DKL 70-10	Dekalb	10.7	11-Jun	162.0	41.8	37.8	<b>53.9</b>	50.1
Sulfonylurea								
C5507	Cibus	12.8	10-Jun	161.0	<b>49.9</b>	38.2	50.6	50.0
C5513	Cibus	11.5	18-Jun	169.0	<b>46.4</b>	27.5	52.5	49.5
C5522	Cibus	13.6	11-Jun	162.8	42.9	40.1	51.6	50.9
Mean		12.3	9-Jun	160.9	43.1	37.3	52.9	50.6
CV%		28.8	-	0.3	9.8	7.6	2.4	3.0
LSD		NS	-	0.8	6.1	4.0	1.8	NS
P-Value		0.6189	-	<0.0001	0.0306	<0.0001	0.0079	0.0547

<sup>1</sup> Adjusted to 8% moisture

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

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

Seeding Date: 4/18/17

Harvest Date: 7/27/17