

2017 Spring canola variety trial, Huntley, MT.

Variety	Distributor	Plant Count ft <sup>2</sup>	Flower Date		Maturity Date		Grain Yield <sup>1</sup> bu/ac	Test Weight lb/bu	Oil Content <sup>1</sup> %
			cal	jul	cal	jul			
Clearfield									
5545 CL	Brett Young	14.6	12-Jun	163.3	20-Jul	200.5	21.7	<b>50.1</b>	36.3
15MH6006	Cargill Global Edible Oil Solutions	14.9	5-Jun	<b>156.0</b>	14-Jul	<b>194.5</b>	23.9	<b>47.9</b>	31.3
Liberty Link									
InVigor L140P	Bayer CropScience	12.1	11-Jun	162.0	18-Jul	199.0	26.7	51.4	34.6
InVigor L230	Bayer CropScience	12.6	9-Jun	160.3	17-Jul	198.3	25.2	<b>48.9</b>	33.0
InVigor L233P	Bayer CropScience	15.8	10-Jun	161.0	17-Jul	198.0	28.8	50.9	34.5
InVigor L252	Bayer CropScience	15.3	13-Jun	164.3	19-Jul	200.0	26.3	<b>48.6</b>	34.7
Roundup Ready									
6074 RR	Brett Young	11.2	13-Jun	163.8	20-Jul	200.5	18.9	<b>47.8</b>	35.4
6080 RR	Brett Young	10.4	10-Jun	160.5	16-Jul	196.8	21.5	51.1	36.1
09H7763	Cargill Global Edible Oil Solutions	18.0	14-Jun	164.5	20-Jul	200.5	23.5	51.0	<b>37.2</b>
11H4009	Cargill Global Edible Oil Solutions	16.3	8-Jun	158.8	15-Jul	196.0	26.8	51.8	32.8
11H4030	Cargill Global Edible Oil Solutions	16.1	5-Jun	<b>156.0</b>	13-Jul	<b>194.0</b>	29.9	<b>49.3</b>	32.3
11H4054	Cargill Global Edible Oil Solutions	13.2	7-Jun	158.3	16-Jul	197.3	24.3	51.0	35.3
HyCLASS 930	CROPLAN by WinField	13.7	6-Jun	157.3	13-Jul	<b>194.0</b>	28.9	51.0	<b>37.8</b>
HyCLASS 955	CROPLAN by WinField	13.8	7-Jun	157.5	14-Jul	<b>194.5</b>	35.0	50.4	<b>37.1</b>
HyCLASS 970	CROPLAN by WinField	11.6	9-Jun	160.3	17-Jul	197.8	22.5	<b>48.6</b>	<b>36.7</b>
DKL 35-23	Dekalb	18.0	7-Jun	158.0	14-Jul	<b>194.5</b>	30.5	<b>50.1</b>	34.9
DKL 70-10	Dekalb	16.9	8-Jun	159.3	16-Jul	196.8	28.4	50.9	<b>36.7</b>
Sulfonylurea									
C5507	Cibus	12.6	13-Jun	164.3	20-Jul	201.3	16.0	<b>49.0</b>	35.7
C5513	Cibus	10.9	14-Jun	164.8	20-Jul	201.0	16.8	50.3	34.1
C5522	Cibus	9.6	12-Jun	162.5	19-Jul	200.0	19.7	<b>49.6</b>	35.9
Mean		13.9	10-Jun	160.6	17-Jul	197.8	24.8	50.0	35.1
CV%		56.5	-	0.4	-	0.5	16.4	2.2	2.2
LSD		NS	-	0.9	-	1.3	NS <sup>2</sup>	1.6	1.1
P-Value		0.9829	-	<0.0001	-	<0.0001	<0.0001	<0.0001	<0.0001

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

<sup>2</sup> 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)

Seeding Date: 4/11/17

Harvest Date: 7/25/17