

**2017 Montana State University Spring Canola Variety Trial** seed yield results in pounds per acre with summary statistics, grouped by location. Includes dryland and irrigated sites.

CULTIVAR	HERB RESIST	DRYLAND YIELD				IRRIGATED YIELD	
		MOCCASIN <sup>1</sup>	CONRAD <sup>2</sup>	HAVRE <sup>3</sup>	HUNTLEY <sup>4</sup>	CORVALLIS <sup>5</sup>	SIDNEY <sup>6</sup>
<b>BASF</b>							
InVigor L140P	LL	310	1330	610	1335	210	1840
InVigor L230	LL	525	<b>1395</b>	835	1260	195	1925
InVigor L233P	LL	410	1275	745	1440	315	1860
InVigor L252	LL	505	<b>1475</b>	<b>885</b>	1315	275	<b>2225</b>
<b>Bayer/DEKALB</b>							
DKL 35-23	RR	520	<b>1405</b>	<b>915</b>	1525	290	1665
DKL 70-10	RR	410	1305	<b>900</b>	1420	365	1890
<b>Brett Young Seeds</b>							
5545 CL	CL	425	1285	780	1085	245	1845
6074 RR	RR	475	1210	740	945	270	<b>2240</b>
6080 RR	RR	495	1160	600	1075	220	1590
<b>Cargill Global Edible Oil Solutions</b>							
15MH6006	CL	385	1185	655	1195	-	-
09H7763	RR	440	1315	655	1175	-	-
11H4009	RR	400	815	460	1340	-	-
11H4054	RR	345	1030	685	1215	-	-
<b>Cibus</b>							
C5507	SU	280	1020	520	800	125	1910
C5513	SU	240	770	510	840	125	1375
C5522	SU	365	1145	545	985	215	2005
<b>CROPLAN by WinField United</b>							
CP9919RR	RR	435	<b>1390</b>	745	1495	-	-
HyCLASS 930	RR	495	1265	785	1445	195	1875
HyCLASS 955	RR	555	<b>1570</b>	<b>930</b>	<b>1750</b>	235	1835
HyCLASS 970	RR	355	1130	645	1125	190	1895
<b>Mean</b>		419	1224	707	1238	231	1865
<b>CV (%)</b>		23.9	13.5	7.6	4.8	39.7	7.6
<b>LSD</b>		NS	235	75	205	NS	200
<b>P-Value</b>		<0.001	<0.001	<0.001	<0.001	0.038	<0.001

**Bold** = maximum yield within a column

**Bold** = statistically equivalent to maximum yield

Fisher's protected LSD not significant (NS) when CV (%) > 15 and/or P-Value > 0.05

Yield adjusted to 8.0% moisture

<sup>1</sup>Seeded April 20, harvested July 28

<sup>2</sup>Seeded May 1, harvested Aug. 15

<sup>3</sup>Seeded April 17, harvested July 25

<sup>4</sup>Seeded April 10, harvested July 25

<sup>5</sup>Seeded April 26, harvested Aug.4

<sup>6</sup>Seeded April 18, harvested July 27