

2018 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	-	1265	1858	-	1981	-
InVigor L233P	LL	-	1145	1952	-	2834	-
<b>Bayer/DEKALB</b>							
DKL 35-23	RR	944	1402	2076	1191	2744	<b>1590</b>
DKL 70-10	RR	<b>1128</b>	1577	<b>2325</b>	1435	2402	<b>1605</b>
<b>Brett Young Seeds</b>							
5545 CL	CL	<b>1011</b>	<b>1465</b>	1691	1426	2631	1419
4187 RR	RR	<b>1134</b>	<b>1577</b>	1830	<b>1631</b>	2628	<b>1539</b>
6074 RR	RR	<b>1115</b>	<b>1468</b>	1951	<b>1605</b>	2248	<b>1518</b>
6090 RR	RR	864	1310	1545	1158	2890	1182
<b>Cargill Global Edible Oil Solutions</b>							
V32-1CL	CL	-	-	-	-	2601	1208
15CH2081	None	-	-	-	-	2092	<b>1555</b>
16CH5186	None	-	-	-	-	2145	1178
15RH1167	RR	-	-	-	-	2651	1287
<b>Cibus</b>							
C5507	SU	<b>1042</b>	1339	1786	1250	2016	1165
Exp201801	SU	895	1277	1644	847	2098	953
Exp201803	SU	771	987	1306	556	2204	540
<b>CROPLAN by WinField United</b>							
CP9919RR	RR	<b>1099</b>	1340	<b>2147</b>	1253	3585	<b>1579</b>
CP9982RR	RR	-	-	-	-	2487	1265
HyCLASS 730	RR	<b>1035</b>	<b>1664</b>	<b>2266</b>	1195	3249	<b>1641</b>
HyCLASS 930	RR	<b>1058</b>	<b>1581</b>	<b>2193</b>	1234	2774	<b>1491</b>
HyCLASS 955	RR	<b>1084</b>	1317	<b>2310</b>	1271	3144	<b>1683</b>
<b>Mean</b>		1014	1381	1925	1235	2570	1355
<b>CV (%)</b>		9.9	14.7	7.1	11.0	19.9	12.2
<b>LSD</b>		144	289	197	196	NS	235
<b>P-Value</b>		<0.001	0.0018	<0.001	<0.001	<0.001	<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 8.5% moisture

<sup>1</sup>Seeded April 26, harvested Aug 10

<sup>2</sup>Seeded May 2, harvested Aug. 21

<sup>3</sup>Seeded May 1, harvested Aug. 7

<sup>4</sup>Seeded April 27, harvested Aug. 10

<sup>5</sup>Seeded May 3, harvested Sept. 10

<sup>6</sup>Seeded May 3, harvested Aug. 14