

## 2018 Spring canola variety trial, Eastern Agricultural Research Center near Sidney, MT

(preliminary)

CULTIVAR	SOURCE	HERB. RES.	COUNT (sqft)	FLWR DATE (julian)	CANOPY HT (in)	LODGING (1–9)	SHATTER (1–9)	YIELD (lb/ac)	TEST WT (lb/bu)	OIL (%)
5545 CL	BrettYoung	Clearfield	7	169	39.5	6.5	1	1418.7	54	PENDING
V32–1CL	Cargill	Clearfield	9.2	171	36	7	1	1208.4	53.1	PENDING
15CH2081	Cargill	Conventional	11.9	176	39.5	2.8	1	1554.8	52.9	PENDING
16CH5186	Cargill	Conventional	10.9	174	36.2	2.8	1	1178.2	53.9	PENDING
4187 RR	BrettYoung	Roundup Ready	8.6	173	40	2.8	1	1539.2	53.8	PENDING
6074 RR	BrettYoung	Roundup Ready	9.2	171.2	36.5	5.2	1	1518.1	52.8	PENDING
6090 RR	BrettYoung	Roundup Ready	8.8	176.2	45.2	3	1	1181.6	52.9	PENDING
11H4030	Cargill	Roundup Ready	7.8	165	31	9	1	1578.5	52.9	PENDING
15RH1142	Cargill	Roundup Ready	8.6	176.5	42.8	2.2	1	1265.4	52.9	PENDING
15RH1167	Cargill	Roundup Ready	9.9	175	37.2	2	1	1287.4	53.5	PENDING
HyCLASS 730	CROPLAN by WinField	Roundup Ready	11.4	165.2	32.2	8	1	1640.9	53.9	PENDING
HyCLASS 930	CROPLAN by WinField	Roundup Ready	8.5	164.8	28.2	7.8	1	1491	53	PENDING
HyCLASS 955	CROPLAN by WinField	Roundup Ready	9.2	165.8	31.8	8	1	1682.6	53	PENDING
DKL 35–23	DEKALB	Roundup Ready	9.1	165.5	29.8	7	1	1589.8	54	PENDING
DKL 70–10	DEKALB	Roundup Ready	9.2	166	31.2	5.8	1	1604.5	53.4	PENDING
C5507	Cibus	Sulfonylurea	8.1	173.5	39	7	1	1164.9	53	PENDING
Exp201801	Cibus	Sulfonylurea	7.4	176	47.2	2.8	1	952.8	52	PENDING
Exp201803	Cibus	Sulfonylurea	8.2	176.2	40.2	4.8	1	539.7	51	PENDING
Mean			9.1	171.1	36.9	5.2	1	1355.4	53.1	PENDING
CV%			21.6	0.7	12	12.4	0	12.2	2.1	PENDING
LSD			NS	1.8	6.3	0.9	NS	235.1	NS	PENDING
P–Value			0.0571	<0.001	<0.001	<0.001	0.4736	<0.001	0.0598	PENDING

YIELD and OIL adjusted to 8.5% moisture

LODGING: 1 = none lodged, 9 = all plants lodged

SHATTER: 1 = none shattered, 9 = all plants shattered

Note: Fisher's protected least significant difference ( $\alpha = 0.05$ ) not significant (NS) when CV% > 15 (YIELD readings only) and/or P–Value > 0.05 (ALL readings)