

## 2018 Spring canola variety trial, Central Agricultural Research Center near Moccasin, 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	11.6	171.8	44.8	1	1	1010.7	50.8	PENDING
4187 RR	BrettYoung	Roundup Ready	13	173	45	1	1	1133.6	51.2	PENDING
6074 RR	BrettYoung	Roundup Ready	12	171	40.8	1	1	1115.1	51	PENDING
6090 RR	BrettYoung	Roundup Ready	11.1	173	46.5	1	1	863.9	50.3	PENDING
11H4030	Cargill	Roundup Ready	13.7	165.2	34	1	1	1098.7	50.9	PENDING
HyCLASS 730	CROPLAN by WinField	Roundup Ready	13.2	166.2	36.5	1	1	1035.3	51.1	PENDING
HyCLASS 930	CROPLAN by WinField	Roundup Ready	12.1	166.5	39	1	1	1057.7	51.4	PENDING
HyCLASS 955	CROPLAN by WinField	Roundup Ready	12.8	167	37.8	1	1	1084.2	51	PENDING
DKL 35–23	DEKALB	Roundup Ready	11.3	168.2	38.8	1	1	944.4	51.2	PENDING
DKL 70–10	DEKALB	Roundup Ready	11.4	169	40	1	1	1127.7	50.8	PENDING
C5507	Cibus	Sulfonylurea	10.4	171.2	44	1	1	1042	50	PENDING
Exp201801	Cibus	Sulfonylurea	10.4	172	42.2	1	1	895.3	50.8	PENDING
Exp201803	Cibus	Sulfonylurea	11.1	172	42.2	1	1	771.2	50.7	PENDING
Mean			11.8	169.7	40.9	1	1	1013.8	50.9	PENDING
CV%			12	0.2	4.8	0	0	9.9	0.7	PENDING
LSD			2	0.6	2.8	NS	NS	143.5	0.5	PENDING
P–Value			0.0354	<0.001	<0.001	0.4685	0.4685	<0.001	<0.001	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)