

2019 Montana State University Spring Canola Variety Trial summarized results from the Western Agricultural Research Center, Corvallis, MT (irrigated).

CULTIVAR	SOURCE	HERB RESIST	COUNT (sqft)	FLWR DATE (julian)	CNPY HT (in)	LDGE (1-9)	SHTTR (1-9)	YIELD (lb/ac)	TEST WT (lb/bu)	OIL (%)
5545CL	Brett Young	CL	21.5	177.2	41	1	1	2499.2	49.9	44.1
16MH6001	Cargill Inc	CL	19.1	180.5	36.6	1	1	2150.8	49.8	42.3
16MH6004	Cargill Inc	CL	17.7	180.8	35.5	1	1	2080.2	49.2	43.9
16CH4181	Cargill Inc	Conventional	22.5	178.2	37.2	1	1	2157.8	49	45.1
NCC101S	PHOTOSYNTECH, LLC.	Conventional	21.6	175.5	34.7	1	1	2878.8	50.3	39.7
4187RR	Brett Young	RR	21.3	183	39.5	1	1	2558	50.1	45.5
6090RR	Brett Young	RR	21.5	182	40.9	1	1	2205.5	50.3	46.2
CP930RR	Winfield United	RR	22	178.2	35.6	1	1	2631.8	49.9	46
CP955RR	Winfield United	RR	18	180.8	35.9	1	1	2316	49.1	45.6
DKTF91SC	Dekalb/Bayer	TruFlex RR	23.7	175.2	35.1	1	1	1931	49.4	45.2
DKTF92SC	Dekalb/Bayer	TruFlex RR	21.2	175.2	36.7	1	1	2402.8	49.1	43.2
Mean			20.9	178.8	37.2	1	1	2346.5	49.6	44.2
CV%			17.4	1.4	5.9			16.1	2.2	6.4
LSD			NS	3.6	3.2			NS	NS	-
P-Value			0.429	<0.001	0.001			0.0498	0.6454	-

Bold = top-performing cultivar

Bold = statistically equivalent to top-performer

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

Yield adjusted to 8.5% moisture