

2019 Montana State University Spring Canola Variety Trial summarized results from the Northern Agricultural Research Center, Havre, MT (dryland).

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	6.4	168	41.8	1	1	3868.5	51.7	43.8
16MH6001	Cargill Inc	CL	5.5	168	40	1	1	3660.2	51.3	43.2
16MH6004	Cargill Inc	CL	4.3	167	38.3	1	1	3468	51.6	42.1
CS2500 CL	Meridian Seeds, LLC.	CL	6	168	44.2	1	1	3451.2	52	43.8
16CH4181	Cargill Inc	Conventional	5	166.8	41.3	1	1	3790.8	50.8	44
NCC101S	PHOTOSYNTECH, LLC.	Conventional	6.7	162	34.9	1	1	3915.2	52.8	39
4187RR	Brett Young	RR	6.3	169	44.8	1	1	3774.8	51.4	44.1
6090RR	Brett Young	RR	5.8	168	44.7	1	1	3932.5	51.2	43.8
CS2100	Meridian Seeds, LLC.	RR	6.7	166.2	42.4	1	1	3663.2	52.5	42.2
CS2300	Meridian Seeds, LLC.	RR	6.2	168.2	49.5	1	1	4060.8	51.7	43.7
CP930RR	Winfield United	RR	6.3	164.8	41	1	1	4037	50.7	46.8
CP955RR	Winfield United	RR	6.6	166.2	42.5	1	1	4334.2	51.6	44.4
DKTF91SC	Dekalb/Bayer	TruFlex RR	6	164.5	39.6	1	1	3975	51.5	42.7
DKTF92SC	Dekalb/Bayer	TruFlex RR	7	164	39.2	1	1	4404	52.2	41.9
Mean			6.1	166.5	41.7	1	1	3881.1	51.6	43.2
CV%			10.9	0.3	6.5			5.3	0.7	2
LSD			0.9	0.7	3.9			296.1	0.5	1.2
P-Value			<0.001	<0.001	<0.001			<0.001	<0.001	<0.001

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