

2019 Montana State University Spring Canola Variety Trial summarized results, Northwestern Agricultural Research Center, Kalispell, 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	13.5	177	53.8	1	2	1914	49.7	48.1
16MH6001	Cargill Inc	CL	14	177	47.2	1	2	2070.8	49.8	47.5
16MH6004	Cargill Inc	CL	12	176.5	47.5	1	2	1615.8	49.7	47.9
CS2500 CL	Meridian Seeds, LLC.	CL	13.2	175.5	52.8	1	2	1646.5	49	48.4
16CH4181	Cargill Inc	Conventional	13.8	175.5	51.2	1	2	1737.2	47.3	49.1
NCC101S	PHOTOSYNTECH, LLC.	Conventional	13.8	169	48	1	2	1964.8	49.3	47
InVigor L233P	BASF Corporation	LL	14.2	177	52.8	1	2	2318.2	48	48.4
InVigor L234P	BASF Corporation	LL	14.8	179.2	54	1	2	2493.2	47.4	47.8
InVigor L255P	BASF Corporation	LL	14.5	180.8	54	1	2	2424.2	49.1	50.6
4187RR	Brett Young	RR	14.2	177.2	55.8	1	2	2520.2	48.1	49.4
6090RR	Brett Young	RR	13.8	177	59.5	1	2	2111.5	48.1	48.6
CS2100	Meridian Seeds, LLC.	RR	13	175.5	52.8	1	2	1947.2	49.1	48.8
CS2300	Meridian Seeds, LLC.	RR	11	178.2	60.8	1	2	2231.5	48.3	49.3
CP930RR	Winfield United	RR	14	173	50.5	1	2	1981	48.2	51.1
CP955RR	Winfield United	RR	13.5	176	50.8	1	2	1847.8	48.6	50.3
DKTF91SC	Dekalb/Bayer	TruFlex RR	13.8	171.5	47.5	1	2	2000	49	49.6
DKTF92SC	Dekalb/Bayer	TruFlex RR	16	172	49.5	1	2	1965.3	49.4	48.5
Mean			13.7	175.8	52.2	1	2	2047.6	48.7	48.8
CV%			21.8	1	6.1			18.1	0.5	1.7
LSD			NS	2.6	4.5			NS	0.4	1.3
P-Value			0.9560	<0.001	<0.001			0.0194	<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