

**2019 Montana State University Spring Canola Variety Trial** summarized results from the Central Agricultural Research Center, Moccasin, 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	9.5	177	<b>46</b>	1	1	<b>1136.8</b>	<b>48.9</b>	PENDING
16MH6001	Cargill Inc	CL	8.9	176	41.5	1	1	<b>1156.5</b>	45.9	PENDING
16MH6004	Cargill Inc	CL	9.4	176.2	40.8	1	1	1025.8	44	PENDING
CS2500 CL	Meridian Seeds, LLC.	CL	9.2	177.5	<b>47</b>	1	1	866	45.2	PENDING
16CH4181	Cargill Inc	Conventional	10.6	174	42.8	1	1	<b>1175.2</b>	44.1	PENDING
NCC101S	PHOTOSYNTECH, LLC.	Conventional	9.9	<b>171.8</b>	39.8	1	1	<b>1154.2</b>	41.4	PENDING
4187RR	Brett Young	RR	9.5	179	<b>45.2</b>	1	1	<b>1184.5</b>	<b>49.2</b>	PENDING
6090RR	Brett Young	RR	7.7	177.2	<b>47.5</b>	1	1	<b>1120.2</b>	46.7	PENDING
CS2100	Meridian Seeds, LLC.	RR	10	174.7	43.7	1	1	<b>1229</b>	<b>48.9</b>	PENDING
CS2300	Meridian Seeds, LLC.	RR	8.7	177.2	<b>45</b>	1	1	<b>1253.5</b>	<b>47.5</b>	PENDING
CP930RR	Winfield United	RR	9.7	174	42	1	1	<b>1098.5</b>	45.9	PENDING
CP955RR	Winfield United	RR	10.6	174.5	41.2	1	1	<b>1071.5</b>	<b>47.1</b>	PENDING
DKTF91SC	Dekalb/Bayer	TruFlex RR	10.1	173.8	42.5	1	1	<b>1165</b>	<b>47</b>	PENDING
DKTF92SC	Dekalb/Bayer	TruFlex RR	10.4	173	41.8	1	1	915.8	43.3	PENDING
CP9978TF	Winfield United	TruFlex RR	11.5	175	43.2	1	1	851.8	43.5	PENDING
Mean			9.7	175.4	43.3	1	1	1091.3	45.9	PENDING
CV%			13.4	0.4	4.3			13.5	3.5	
LSD			NS	1	2.7			226.3	2.4	
P-Value			0.0514	<0.001	<0.001			0.0038	<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