

Canola-Roundup Ready Dryland Variety Trial - NDSU

WREC, Williston, ND 2019

Variety	Company/ Brand	Flower Duration	Days to Maturity	Plant height	Lodging	Oil <sup>†</sup>	Test Weight	Yield <sup>#</sup>		
								2019	2-Yr Avg	3-Yr Avg
		(days)	(DAP <sup>1</sup> )	(in)	(0-9)	(%)	(lb/bu)	------(bu/a)-----		
6074 RR	BrettYoung	28	102.3	37.6	1.5	48.4	51.2	1471.3	1343.7	1126.8
CP930RR	Croplan	29	101.0	33.7	3.8	48.3	51.3	1235.3	1147.1	1096.4
300 Mag	Proseed	28	101.8	34.4	4.8	46.4	51.7	1048.5	1107.2	1025.5
CP955RR	Croplan	28	102.5	34.1	3.0	47.7	51.5	976.9	973.9	994.3
Star 402	Star	29	102.5	34.5	2.8	50.1	51.0	1015.2	982.1	969.4
PS 5000	Proseed	28	99.5	34.0	5.3	44.9	52.0	878.3	939.7	928.1
4187 RR	BrettYoung	27	103.3	35.4	2.3	48.2	51.2	1083.0	1032.0	-
6090 RR	BrettYoung	28	103.0	36.5	4.3	48.0	47.2	974.5	828.7	-
CS2100	Canterra Seeds	29	102.0	36.4	3.5	45.6	52.0	1173.6	-	-
CS2300	Canterra Seeds	29	104.5	39.1	2.3	47.4	50.2	925.0	-	-
CS2600 CR-T	Canterra Seeds	30	102.8	31.0	3.5	46.9	51.5	882.0	-	-
CP9982RR	Croplan	29	104.8	39.9	3.0	44.8	50.9	930.1	-	-
CP9919RR	Croplan	31	100.8	26.3	6.3	44.9	35.9	255.0	-	-
CP9978TF	Croplan	28	103.5	35.3	2.5	46.2	51.9	1339.5	-	-
Starflex	Star	27	101.3	33.2	2.8	49.0	51.6	1109.8	-	-
Mean		28	102.4	34.7	3.4	47.2	50.2	1019.6	-	-
CV (%)		7.2	1.7	11.2	48.0	3.7	3.7	24.1	-	-
LSD (5%)		2.9	2.5	5.5	2.3	2.5	2.6	350.5	-	-
LSD (10%)		2.4	2.1	4.6	1.9	2.1	2.2	292.3	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft.

Previous crop: soybeans

Planted: 05/07/2019

Harvested: 08/28/2019

Soil test to 6" in ppm: P=24 ppm K=363 OM=2.0 pH=5.7

Soil type: Williams-Bowbells loam.

Soil test to 24" in lb/a: N=37.5 lb/a

Applied fertilizers in lb/a: N=90; P=24; K=0; S=46; Zn=0.6

<sup>†</sup>Seed Oil Content = Oils are reported on a oven dried basis, 120 ° F for 4 hours.

<sup>#</sup>Yield reported on a 13.5% moisture basis.

<sup>1</sup>DAP = Days after planting.