

Canola-Clearfield Dryland Variety Trial - NDSU

WREC, Williston, ND 2019

Variety	Company/ Brand	Flower Duration	Days to Maturity	Plant height	Lodging	Oil [†]	Test weight	Yield [#] 2019
		(days)	(DAP ¹)	(in)	(0-9)	(%)	(lb/bu)	(bu/a)
CS2500 CL	Canterra Seeds	28	103.0	36.0	5.5	45.5	51.7	1423.6
5545 CL	BrettYoung	29	103.0	41.0	3.0	45.9	51.3	1339.1
Mean		28	102.2	36.3	3.7	45.3	51.5	1333.8
CV (%)		4.9	1.9	6.8	28.7	4.1	0.5	14.2
LSD (5%)		2.2	3.1	4.0	1.7	3.0	0.4	303.4
LSD (10%)		1.8	2.5	3.2	1.4	2.4	0.3	245.9

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

[†]Seed Oil Content = Oils are reported on a oven dried basis, 120 ° F for 4 hours.

[#]Yield reported on a 13.5% moisture basis.

¹DAP = Days after planting.