

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Dryland Canola Conventional Variety Trial - NDSU

WREC, Williston, ND 2017

Variety (Trait)	Brand/Company	Days to Flower	Days to Mature	Plant Height	Seed Oil Content ²		Yield	
		DAP ¹	DAP ¹	inches	2017	2-Yr Avg	2017	2-Yr Avg
					(%)	(%)	(lb/a)	(lb/a)
C5507	Cibus	55	99	34	39.5	43.2	748	1318
C5513	Cibus	56	99	33	40.2	43.1	637	1240
C5522	Cibus	54	98	34	39.2	42.9	825	1241
DG 200CL (Clearfield)	Dyna-Gro	56	98	32	36.8	-	936	-
Mean		55.1	98.1	33.4	38.92	-	786.6	-
CV (%)		0.8	0.9	4.8	1.47	-	10.1	-
LSD (5%)		0.6	1.3	2.2	0.82	-	108.6	-
LSD (10%)		0.5	1.1	1.8	0.68	-	90.0	-

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

Previous crop: Oat/HRSW

Planted: 5/4/2017

Harvested: 8/16/2017

Soil test (0-6"): P=25 ppm; K=322 ppm; pH=6.5; OM=2.4%

Soil type: Williams-Bowbells loam

(0-24"): NO₃-N=13 lb/a

Applied fertilizer in lb/a: N=83.98; P=20; K=0; S = 24.62

Chemical Applications: 1 qt./a RT3, 2 pt./a LV6 (preplant fall applied), 8 oz./a Stinger applied 6/12/2017.

DAP¹= Days after planting

Seed Oil Content²= Oils are reported on a oven dried basis, 120 ° F for 4 hours