

Canola Conventional Variety Trial

WREC, Williston, ND 2016

Variety	Brand/Company	Stand (%)	Days to Flower DAP ¹	Days to Mature DAP ¹	Plant Height inch	Seed Oil Content		Yield	
						2016 (%)	2-Yr Avg* (%)	2016 (lb/a)	2-Yr Avg (lb/a)
C1511 (SU)	Cibus	93	47	93	34	43.8	39.3	1748	1453
C1516 (SU)	Cibus	95	49	94	39	45.1	40.7	1711	1460
C5507	Cibus	95	47	93	34	46.8	-	1887	-
C5513	Cibus	92	48	94	34	46.0	-	1842	-
C5522	Cibus	97	48	94	31	46.6	-	1657	-
Mean		94.2	47.8	93.6	34.4	45.66	-	1769.0	-
CV (%)		5.0	2.3	0.8	9.4	1.2	-	7.7	-
LSD (5%)		NS	1.6	NS	NS	0.84	-	NS	-
LSD (10%)		NS	1.3	NS	4.0	0.70	-	NS	-

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

Previous crop: Durum

Planted: 5/3/2016

Harvested: 8/16/2016

Harvested area: 49.2 ft²

Soil test (0-6"): P=17 ppm; K=274 ppm; pH=6.5; OM=2.2%
(0-24"): NO₃-N=33 lb/a

Soil type: Williams-Bowbells loam

Applied fertilizers in lb/a: N=64.68; P₂O₅=20; K₂O=0; S=19.67

Chemical Applications: Stinger 8 oz/a for weed control (5/26), Tombstone Helios for flea beetle control 2.5 oz/a (6/6), and Assure II 12 oz/a for weed control (6/10)

DAP¹ = Days after planting

*Previous year averages were adjusted to 8.5% moisture