

Canola Roundup Ready Variety Trial

WREC, Williston, ND 2016

Variety	Brand/Company	Days to Flower	Days to Mature	Plant Height	Seed Oil Content			Yield		
					2016	2-Yr Avg*	3-Yr Avg*	2016	2-Yr Avg	3-Yr Avg
		DAP ¹	DAP ¹	inch	(%)	(%)	(%)	(lb/a)	(lb/a)	(lb/a)
HyCLASS 930	Winfield	43	92	30	46.6	44.9	45.8	2159	1723	1701
7150RR	Integra	43	91	29	45.5	45.3	45.5	2056	1733	1729
HyCLASS 955	Winfield	45	94	33	43.5	43.7	44.6	2173	1760	1787
Star 402	Star Specialty Seed	44	92	29	46.6	45.6	46.5	2237	1856	1805
V12-1	Cargill	47	91	33	44.0	43.7	-	2078	1645	-
6074 RR	BrettYoung	46	93	31	45.2	-	-	2237	-	-
6080 RR	BrettYoung	46	92	32	45.0	-	-	2228	-	-
CS2000	Canterra Seeds	48	93	37	43.2	-	-	2277	-	-
CS2100	Canterra Seeds	45	92	30	44.6	-	-	2104	-	-
HyCLASS 972	Winfield	43	91	27	46.1	-	-	2286	-	-
V12-3	Cargill	47	92	31	44.9	-	-	2254	-	-
V22-1	Cargill	46	90	32	45.2	-	-	2012	-	-
Mean		45.2	91.7	31.2	45.04	-	-	2175.2	-	-
CV (%)		1.9	1.1	8.0	1.5	-	-	6.0	-	-
LSD (5%)		1.2	1.4	3.6	0.95	-	-	182.1	-	-
LSD (10%)		1.0	1.2	3.0	0.79	-	-	152.0	-	-

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

Previous crop: Durum

Planted: 5/2/2016

Harvested: 8/12/2016

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), Mad Dog 5.4# for weed control 6 oz/a (6/1), and Tombstone Helios for flea beetle control 2.5 oz/a (6/6)

DAP¹ = Days after planting

*Previous year averages were adjusted to 8.5% moisture