

Canola Roundup Ready Variety Trial **WREC, Williston - 2015**

Variety	Brand/Company	Stand %	Days to Flower DAP ¹	Flower Duration days	Days to Mature DAP ¹	Plant Height inches	Shatter %	Oil ² %		Yield ³ lb/a		
								2015	3yr avg	2015	2yr avg	3yr avg
6070 RR	BrettYoung	90	53	12	96	41	11	41.5	44.5	1054	1345	1478
Star 402	Star Specialty Seed	91	53	11	95	41	24	44.1	46.5	1057	1266	1412
V12-1	Cargill	93	56	10	94	40	34	40.5	-	838	1025	-
6064 RR	BrettYoung	90	59	8	98	45	6	41.4	-	1146	-	-
6074 RR	BrettYoung	86	59	9	97	44	6	40.3	-	1054	-	-
V22-1	Cargill	93	58	10	95	44	28	40.5	-	815	-	-
Mean		89.1	56.2	9.8	95.4	42.1	22.7	40.92	-	961.3	-	-
C.V.%		5.0	2.7	18.6	0.8	6.6	49.4	1.3	-	14.0	-	-
LSD 5%		NS	2.2	2.7	1.2	4.1	16.5	0.80	-	197.5	-	-
LSD 10%		5.5	1.2	2.2	1.0	3.4	13.6	0.66	-	163.5	-	-

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

Planted: 4/24/15

Harvested: 8/11/15

Harvested area: 56 ft2

Previous crop: green peas

Applied fertilizer in lb/a: 6 N : 26 P2O5 : 0 K2O

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: 21P : 317K OM-1.8 pH-6.5

Soil test to 24" in lb/a: 35N

Previous Crop Credit: 40N

Chemical Applications: Tombstone Helios 2.5fl.oz/a for flea beetle control (5/28 & 6/9), Roundup Weathermax 12fl.oz/a for weed control (6/5)

DAP¹ = Days after planting

Oil² = Oil content adjusted to 8.5% moisture

Yield³ = Yield content adjusted to 8.5% moisture

Lodging & Shatter = 7/28/15 - had sustained westerly winds of 20-40mph nearly all day with gusts over 50mph with 0.27 inch rainfall so all varieties lodged significantly to the east. When harvested 8/11/15, stands had straightened back up, so did not take individual ratings. Did take shatter ratings just prior to harvest (8/11/15) because the windy and rainy day caused pods that were more mature to split open. The varieties that were not as far along when the windy day occurred faired better in regards to pod/seed shatter.