

Lentil Clearfield Variety Trial

WREC, Williston, ND 2016

Variety	Days to Flower	Days to Mature	Vine Length	Canopy Height	Height Index	1000 Seed Weight	Test Weight	Yield	
								2016	2-Yr Avg
								DAP ¹	DAP ¹
Extra Small Red									
CDC Impala	53	87	12	11	91	26	63.7	1514	1431
French Green									
CDC Peridot	47	82	12	8	71	36	63.5	1743	-
Medium Green									
CDC Imigreen	50	86	16	12	77	57	61.5	2038	1566
CDC Impress	50	87	13	11	91	46	61.6	1705	-
Small Green									
CDC Invincible	50	85	12	12	96	31	63.3	2241	1757
Small Red									
CDC Dazil	50	87	12	10	89	32	63.1	2057	-
CDC Maxim	51	85	12	10	83	35	63.0	1739	1677
CDC Proclaim	51	86	12	10	88	38	63.0	1974	-
Mean	50.2	85.6	12.4	10.6	85.7	37.6	62.86	1876.3	-
CV (%)	2.5	1.8	9.0	10.2	8.6	3.1	0.4	7.7	-
LSD (5%)	1.9	2.3	1.6	1.6	10.8	1.7	0.35	211.51	-
LSD (10%)	1.5	1.9	1.4	1.3	8.9	1.4	0.29	175.01	-

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

Previous crop: Barley

Planting Date: 5/6/2016

Harvest Date: 8/11/2016

Harvested area: 49.2 ft²

Soil test (0-6"): P=20 ppm; K=252 ppm; pH=6.3; OM=2.5%

Soil type: Williams-Bowbells loam

(0-24"): NO₃-N=39 lb/a

Applied fertilizer in lb/a: none; seed inoculated with peat-based inoculant at planting

Chemical Applications: Proline 480 SC at 5fl.oz/a (6/21/2016), Gramosone SL at 1qt./a (8/5/2016)

DAP¹ = Days after planting