

Clearfield Lentil Variety Trial**WREC, Williston - 2015**

Variety	Stand %	Days to Flower DAP ¹	Days to Mature DAP ¹	Vine Length inches	Canopy Height inches	Height Index %	Protein ² %	1000 Seed Weight g	Test Weight ³ lb/bu	Yield ⁴ lb/a		
										2015	2yr avg	3yr avg
Medium Green												
CDC Imigreen CL	94	62	97	16	12	77	28.7	57	58.1	1094	680	1028
Small Green												
CDC Invincible CL	90	60	91	12	8	74	28.8	35	60.2	1273	-	-
Small Red												
CDC Maxim CL	89	59	91	13	9	74	25.2	42	60.1	1615	1147	1278
Extra Small Red												
CDC Impala CL	94	60	88	10	8	84	29.4	32	60.8	1348	949	1296
Mean	91.6	60.1	91.6	12.4	9.5	77.3	27.99	41.6	59.78	1332.3	-	-
C.V.%	3.9	3.2	2.2	5.7	8.9	6.0	1.9	2.6	0.4	11.6	-	-
LSD 5%	NS	NS	3.2	1.1	1.4	7.5	0.8	1.7	0.42	246.8	-	-
LSD 10%	4.6	2.5	2.6	0.9	1.1	6.1	0.7	1.4	0.34	199.99	-	-

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

Planted: 4/29/15

Harvested: 8/17/15

Harvested area: 56 ft²

Previous crop: spring wheat

Applied fertilizer in lb/a: none, but inoculated with granular inoculant at planting

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: 37P:430K OM-1.9 pH-6.0

Soil test to 24" in lb/a: 78N

Chemical Applications: Valor at 3fl.oz/A (preplant fall applied), Prowl H2O at 3 pints/A (preplant spring applied), Raptor at 4fl.oz/A with Trophy Gold NIS at 1 quart/A and Actamaster AMS at 12lb/100 gallons (6/9), Gramoxone SL at 1 pint/A with LI700 at 1 quart/100 gallons (preharvest desiccation 8/10)

DAP¹ = Days after plantingProtein² = Protein content adjusted to 0% moistureTest Weight³ = Test Weight content adjusted to 13.5% moistureYield⁴ = Yield content adjusted to 13.5% moisture