

**Off-Station Lentil Variety Trial****WREC, Golden Valley County - 2015**

Variety	Lodging	Protein <sup>1</sup>	1000 Seed	Test	Yield <sup>3</sup>	
	0-9	%	Weight g	Weight <sup>2</sup> lb/bu	2015	3yr avg
<b>Large Green</b>						
CDC Greenland	7	26.3	60	54.6	1657	1898
Pennell	8	27.6	58	57.2	2026	2089
Merrit	8	28.9	60	55.7	1670	-
<b>Medium Green</b>						
Avondale	8	25.0	46	58.8	2434	-
CDC Richlea	7	25.4	52	58.6	2773	2589
<b>Small Green</b>						
Essex	8	25.7	41	59.6	2279	2312
CDC Viceroy	8	28.7	29	60.0	2232	2351
<b>Small Red</b>						
CDC Red Rider	8	25.9	41	59.8	2244	2434
CDC Redberry	1	26.0	38	59.1	1619	2122
<b>French Green</b>						
CDC Lemay	9	26.3	31	59.9	1275	1997
Mean	7.3	26.6	45.7	58.32	2020.9	-
C.V.%	11.2	2.6	4.8	0.5	13.3	-
LSD 5%	1.4	1.2	3.8	0.55	462.7	-
LSD 10%	1.2	1.0	3.1	0.45	381.9	-

Location: Latitude 46 50'; Longitude 103 59'W; Elevation 2890 ft

Planted: 5/5/15

Harvested: 9/2/15

Harvested area: 56 ft<sup>2</sup>

Previous crop: durum

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

Soil type: Grail-Grassna complex

Soil test to 6" in ppm: 13 P : 351 K OM-3.5 pH-6.9

Soil test to 24" in lb/a: 33N

Chemical Applications: Roundup at 1 quart/A with Vida at 1fl.oz/A (preplant spring applied), Gramoxone SL at 1 pint/A (preharvest dessication, 7/27)

Protein<sup>1</sup> = Protein content adjusted to 0% moistureTest Weight<sup>2</sup> = Test Weight content adjusted to 13.5% moistureYield<sup>3</sup> = Yield content adjusted to 13.5% moisture