

Lentil Statewide Conventional VT **WREC, Williston - 2015**

Variety	Stand	Days to	Days to	Vine	Canopy	Height	Lodging	Protein ²	1000 Seed	Test	Yield ⁴		
	%	Flower	Mature	Length	Height	Index	0-9	%	Weight	Weight ³	2015	2yr avg	3yr avg
	DAP ¹	DAP ¹	DAP ¹	inches	inches	%			g	lb/bu			
Large Green													
Pennell	95	58	91	14	12	84	0	26.9	61	57.2	1595	1405	1624
CDC Greenland	93	62	97	13	12	89	1	27.4	60	56.8	1305	1264	1513
Riveland	94	62	97	16	14	84	1	26.8	68	55.7	1367	1243	1436
Medium Green													
CDC Richlea	93	59	91	15	13	88	1	25.7	47	58.9	1798	1514	1716
Avondale	93	59	94	15	12	80	1	25.0	49	58.5	1730	1460	1612
Merrit	90	62	96	13	10	76	1	27.6	66	56.1	1219	1094	-
Small Green													
Essex	94	60	92	14	11	80	2	25.9	44	59.1	1757	1556	1766
CDC Viceroy	94	59	89	13	12	88	1	28.0	31	60.3	1533	1321	1548
Eston	90	60	90	12	11	88	1	26.7	36	60.1	1745	1441	1495
Small Red													
CDC Red Rider	89	62	95	14	11	79	1	25.7	43	59.7	1631	1467	1701
CDC Redberry	94	60	90	13	10	78	0	26.2	42	59.1	1501	1343	1586
CDC Rouleau	90	61	90	15	13	84	1	22.8	39	59.4	1563	1437	1561
CDC Rosetown	93	61	90	13	11	85	0	28.4	28	60.4	1478	1288	1537
CDC Redcoat	91	58	88	12	10	87	1	24.1	39	60.4	1620	1442	-
Crimson	85	58	87	12	10	83	3	26.3	35	60.2	1538	1255	-
French Green													
CDC Lemay	95	59	86	12	11	86	2	25.8	31	60.5	1561	1366	1560
Spanish Brown													
Morena	93	61	92	15	12	83	1	25.1	40	60.5	1536	1382	1561
Pardina	88	60	86	11	9	83	2	23.8	39	60.9	1759	1486	-
Mean	92.2	60.4	91.7	13.3	11.1	83.9	0.9	25.88	47.6	58.95	1532.8	-	-
C.V.%	2.8	2.9	1.7	8.3	9.7	6.7	50.7	1.8	2.6	0.4	10.0	-	-
LSD 5%	3.7	2.4	2.2	1.5	1.5	7.8	0.6	0.66	1.7	0.32	214.9	-	-
LSD 10%	3.1	2.0	1.8	1.3	1.3	6.6	0.5	0.55	1.4	0.27	179.7	-	-

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

Planted: 4/29/15

Harvested: 8/18/15

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), Intensity at 8fl.oz/A with Trophy Gold NIS at 1 quart/A (6/9), Gramoxone SL at 1 pint/A with LI700 at 1 quart/100 gallons (preharvest desiccation 8/10)

DAP¹ = Days after planting

Protein² = Protein content adjusted to 0% moisture

Test Weight³ = Test Weight content adjusted to 13.5% moisture

Yield⁴ = Yield content adjusted to 13.5% moisture