

Lentil Statewide Conventional VT

WREC, Williston, ND 2016

Variety	Stand (%)	Days to Flower DAP ¹	Days to Mature DAP ¹	Vine Length inch	Canopy Height inch	Height Index (%)	Lodging 0-9	1000 Seed Weight (g)	Test Weight lb/bu	Yield		
										2016 (lb/a)	2-Yr Avg (lb/a)	3-Yr Avg (lb/a)
French Green												
CDC Lemay	92	53	87	12	11	93	1	31	63.4	1814	1688	1515
Large Green												
CDC Greenland	93	53	89	15	13	84	1	61	59.9	2119	1712	1549
Pennell	99	50	85	12	11	90	0	62	59.9	2182	1888	1664
Riveland	97	48	86	15	12	80	3	72	60.0	2156	1762	1548
Medium Green												
Avondale	100	49	87	14	13	92	0	49	61.9	2241	1985	1720
CDC Richlea	98	51	88	13	12	92	0	44	62.1	2209	2004	1746
Small Green												
CDC Viceroy	98	49	86	14	12	86	1	32	63.3	1940	1737	1528
Eston	98	49	85	11	10	90	0	33	63.7	1628	1686	1503
ND Eagle	98	48	83	13	11	86	0	37	62.8	2051	-	-
Small Red												
CDC Red Rider	95	52	90	14	12	87	1	42	62.9	2386	2008	1774
CDC Redberry	97	51	88	13	12	93	0	39	62.6	1874	1687	1520
CDC Rosetown	96	54	89	13	13	94	0	28	63.5	1732	1605	1436
CDC Rouleau	98	51	86	14	13	95	0	35	62.7	2576	2070	1817
Spanish Brown												
Pardina	96	48	83	12	9	78	8	41	64.1	1889	1824	1621
Mean	96.7	50.3	86.4	13.2	11.6	88.6	1.0	43.2	62.35	2057.0	-	-
CV (%)	2.1	2.0	1.9	6.9	10.1	8.5	69.6	2.6	0.3	7.4	-	-
LSD (5%)	2.8	1.4	2.3	1.3	1.6	10.6	1.5	1.6	0.25	211.77	-	-
LSD (10%)	2.4	1.2	1.9	1.1	1.4	8.9	1.3	1.3	0.21	176.91	-	-

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

Previous crop: Barley

Planting Date: 5/5/2016

Harvest Date: 8/9/2016 & 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)

DAP¹= Days after planting