

Table: 2017 Spring lentil data, Moccasin, MT.

Variety	Plant Count ft <sup>2</sup>	Flower Date		Plant Height in	Lodging Score <sup>1</sup> 0-9	Grain Yield <sup>2</sup> bu/ac	Test Weight lb/bu	1000 Kern. Wt g
		cal	jul					
Avondale	11.2	20-Jun	<u>171.0</u>	13.2	0.8	13.4	61.7	34.6
CDC Imigreen	11.8	21-Jun	<b>171.8</b>	<u>14.8</u>	2.8	8.9	62.2	43.1
CDC Impala CL	10.1	24-Jun	174.8	11.5	1.5	9.3	<u>65.3</u>	34.0
CDC Impress CL	9.7	20-Jun	<u>171.0</u>	<b>13.5</b>	1.8	13.8	62.0	40.3
CDC Invincible CL	10.2	24-Jun	175.2	12.0	1.5	11.4	<b>64.8</b>	36.6
CDC Maxim CL	9.9	20-Jun	<u>171.0</u>	11.6	<u>0.0</u>	10.7	64.1	33.3
CDC Richlea	11.7	20-Jun	<b>171.5</b>	12.5	2.0	13.8	61.1	36.7
CDC Viceroy	10.9	23-Jun	174.0	12.9	<b>0.8</b>	12.3	<u>65.3</u>	36.8
Mean	10.7	22-Jun	172.5	12.7	1.4	11.7	63.3	36.9
CV%	14.9	-	0.4	8.4	61.0	19.8	0.8	28.8
LSD (0.05)	NS	-	1.2	1.7	1.3	NS <sup>3</sup>	0.8	NS
P-Value	0.408	-	<0.0001	0.005	0.005	0.033	<0.0001	0.899

<sup>1</sup> Lodging score: 0 = All plants upright; 9 = All plants prostrate.

<sup>2</sup> Adjusted to 13% moisture.

<sup>3</sup> LSD considered non-significant when grain yield CV% > 15

**Bold** indicates top-performing cultivar(s) in a column

**Underlined** indicates cultivar performing statistically equivalent to top-performing cultivar(s)

Seeding Date: 4/19/17

Harvest Date: 7/26/17