

Minot Lentil Variety Trial

Trial information

Design: RCB with four replicates

Planting Date: May 18

Harvest Date: September 29

Planting Rate: 600K PLS/acre

Fertility: Granular inoculant placed with seed

Previos Crop: Flax

Weed Control: 1.75 oz/acre Pursuit + 2.7 5pt/acre Prowl + 22 oz/acre Roundup WeatherMax PRE on May 21, 8 oz/acre

Volunteer on June 28, 2 pt/acre Gramoxone NTEON pre-harvest on September 10

Variety	Market Class	Seed Coat Color	Days to Flower	Canopy Height	Lodging ¹	1000 Seed Weight	Seeds/Pound	Test Weight	Seed Yield			3 Yr Ave
									2010	2009	2008	
			DAP ²	cm	1-9	g		bu/A	lb/A			
CDC Greenland	Large	Green	48	16.3	6.0	59.8	7,609	51.8	1,767	2,599	1,733	2,033
CDC Lemay	Small	French Green	49	11.8	7.5	32.8	13,867	55.3	1,909	2,372		
Pennell	Large	Green	46	14.8	6.5	66.3	6,856	50.4	1,738	2,683	1,282	1,901
CDC Redberry	Small	Red	46	28.5	3.0	38.6	11,770	53.7	2,059	2,803		
CDC Red Rider	Small	Red	48	18.8	5.3	42.0	10,852	53.5	1,850	2,703		
CDC Richlea	Medium	Green	47	15.8	6.0	44.3	10,267	52.0	1,665	2,699	1,285	1,883
Riveland	Large	Green	47	12.0	7.0	66.5	6,839	49.9	1,210	2,094	928	1,411
CDC Rosetown	Small	Red	46	10.5	6.8	26.5	17,154	54.4	1,513	2,714	1,879	2,035
CDC Rouleau	Small	Red	49	21.3	4.3	32.8	13,871	53.8	2,082	2,686	1,962	2,243
CDC Viceroy	Small	Green	49	14.5	6.3	29.5	15,392	55.3	1,961	2,744	1,511	2,072
MEAN			47	16.4	5.9	43.9	11,448	53.0	1,775	2,504	1,446	
CV			3	14.4	11.4	4.3	4	1.3	13	10	25	
LSD (0.05)			2	3.4	1.0	2.7	674	1.0	340	357	589	

¹ Lodging (1=erect, 9=flat)

² Days after Planting