

**2006 Lentil Variety Trial – Continuously Cropped - No-till**

**Hettinger**

Variety	Days to Bloom	Duration of Bloom	Days to Mature	Plant Ht.	Lodg.	1000 Seed wt.	Test Wt.	Seed Yield			Average Yield	
								2004	2005	2006	2 yr	3 yr
		days		inchs	0-9*	grams	lbs/bu	----- Pounds per acre -----				
<b>Small Red</b>												
CDC Blaze	59	20	84	10	2.0	31	62.2	1587	2370	1875	2122	1944
CDC Robin	62	16	86	12	2.5	24	62.3	1382	1956	2029	1992	1789
Crimson	62	17	86	11	7.0	28	60.8	1148	1981	1989	1985	1706
CDC Redberry	60	17	86	12	1.8	36	59.1		2492	1997	2244	
CDC Rouleau	61	18	88	12	1.8	34	60.7		2508	1526	2017	
<b>Small Green</b>												
CDC Milestone	58	20	85	11	2.2	31	60.4	2203	2378	2102	2240	2228
CDC Viceroy	62	16	88	11	2.5	30	60.2		2386	1972	2179	
<b>Medium Green</b>												
CDC Richlea	59	19	87	11	3.5	43	59.0	2436	2143	2135	2139	2238
Merrit	56	20	83	12	4.8	46	56.5	1951	1364	1485	1424	1600
<b>Large Green</b>												
CDC Sedley	61	17	89	12	1.2	57	58.6	2268	1883	1494	1688	1882
CDC Sovereign	64	15	90	13	1.5	53	58.8		1794	1599	1696	
CDC Glamis	64	15	90	12	2.8	44	57.6		1745	1567	1656	
CDC Meteor	61	18	88	12	2.8	40	59.4			2054		
CDC Plato	62	17	90	13	2.5	51	58.8			1737		
Grandora	64	16	92	14	1.5	51	56.7			1161		
<b>Extra Large Green</b>												
Pennell	64	15	89	12	2.5	47	57.4	2614	1908	1453	1680	1992
Laird	64	16	91	14	2.2	48	58.0	2194	1534	1404	1469	1711
<b>French Green</b>												
Pardina	57	20	86	10	6.0	32	61.8	1596	2378	2029	2204	2001
CDC LeMay	61	17	86	11	4.0	29	59.6		2135	1591	1863	
Trial Mean	61	17	88	12	3.0	40	59.3	1938	2060	1727	--	--
C.V. %	1.7	6.9	1.3	10.4	21.7	6.1	1.3	10.6	8.5	6.2	--	--
LSD .05	1	2	2	2	0.9	3	1.1	297	251	151	--	--
LSD .01	2	2	2	2	1.2	5	1.5	402	335	200	--	--

\*Lodging: 0 = none, 9 = lying flat on ground.

Planting Date: April 12, 2006  
 Harvest Date: July 25, 2006  
 Seeding Rate: 550,000 live seeds / acre.  
 Previous Crop: barley

**2006 Lentil Seeding Rate Trial – Continuously Cropped - No-till**

**Hettinger**

Seeding Rate	Plant Stand	Days to Bloom	Duration of Bloom	Days to Mature	Plant Height	Lodg.	1000 Seed wt.	Test Weight	----- Seed Yield -----			
#/ft <sup>2</sup>	#/ft <sup>2</sup>		Days		inches	*	grams	lbs/bu	2003	2004	2005	2006
									----- Pounds per acre -----			
24	19	61	16	82	10	2.5	29.8	60.8			2660	2240
20	18	61	16	84	10	2.5	30.0	62.4			2623	2194
16	15	61	17	84	10	3.0	29.8	62.6			2464	2063
12	12	61	17	86	10	2.2	30.3	62.0	1307	2233	2352	2110
8	8	61	18	86	10	2.2	30.5	62.4	999	1960	1979	1895
4	--	--	--	--	--	--	--	--	719	1591	--	--
C.V. %	15.7	0	2.9	0.6	9.0	24.5	0.9	2.9	8.2	6.2	7.3	10.0
LSD .05	4	NS	1	1	NS	NS	0.8	NS	134	184	270	NS
LSD .01	5	NS	1	1	NS	NS	1.1	NS	188	258	378	NS

\* Lodging: 0 = none, 9 = lying flat on ground.

Planting Date: April 12, 2006

Harvest Date: July 25, 2006

Variety = 2003, 04 & 05 = CDC Richlea (medium green type), 2006 = CDC Blaze (small red type).

Previous Crop: barley

NS = no statistical difference between seeding rates.