

**2005 Field Pea Variety Trial – Continuously Cropped - Minimum-till**

**Hettinger**

Variety	Days to Bloom	Duration of Bloom	Days to Mature	Plant Height	Lodg.	1000 Seed wt.	Test Weight	--- Seed Yield ---			Avg. Yield	
		days		inches	0-9*	grams	Lbs/bu	2003	2004	2005	2 yr	3 yr
								----- bushels per acre -----				
<b>Yellow Cotyledon</b>												
CDC Mozart	73	12	101	19	6.0	209	62.4	41.2	29.2	72.3	50.8	47.6
DS Admiral	73	12	100	26	1.5	228	61.6	39.6	29.8	59.1	44.4	42.8
Eclipse	74	12	102	21	3.8	231	62.4		21.2	68.3	44.8	
Delta	74	12	100	20	4.8	228	62.0			61.1		
<b>Green Cotyledon</b>												
Majoret	74	10	100	21	2.8	234	59.2	35.4	33.7	66.4	50.0	45.2
Cruiser	73	12	100	22	2.2	202	61.9	38.4	29.2	67.7	48.4	45.1
Nitouche	74	11	102	25	2.0	243	61.0		42.6	66.4	54.5	
Toledo	75	10	101	21	0.5	218	60.4		34.4	51.3	42.8	
Stirling	71	14	103	15	7.8	207	62.0		20.0	59.3	39.6	
Trial Mean	75	11	101	18	4.8	217	61.4	38.8	32.3	59.6	--	--
C.V. %	0.5	4.7	0.9	12.4	24.7	4.3	2.4	6.3	6.7	8.9	--	--
LSD .05	1	1	1	3	1.7	13	NS	3.7	3.1	7.5	--	--
LSD .01	1	1	2	4	2.3	18	NS	5.1	4.3	10.0	--	--

\* Lodging: 0 = none, 9 = lying flat on ground.  
 NS = no statistical difference between varieties.

Planting Date: April 4, 2005

Harvest Date: July 29, 2005

Seeding Rate: 250,000 live seeds / acre.

Previous Crop: barley.

Notes: The 2003 trial sustained late season heat and moisture stress. The 2004 trial sustained hard frosts during flowering.