

2004 Field Pea Variety Trial - Continuously Cropped No-till

Hettinger

Variety	Seed Type	Date of 10% Bloom	Plant Ht at Harvest	Lodg.	1000 Seed wt	Yield			Avg. Yield	
						2002	2003	2004	2 yr	3 yr
	**	June	Inches	0-9*	grams	----- Bu/ac -----				
Cruiser	G	16	15	1.2	197	8.1	38.4	29.2	38.8	28.6
Carneval	Y	18	15	0.2	219	5.9	36.1	40.2	38.2	27.4
CDC Mozart	Y	17	12	2.2	226	6.5	41.2	29.2	35.2	25.6
DS Admiral	Y	17	15	0.0	236		39.6	29.8	24.7	
Majoret	G	17	14	0.2	212		35.4	33.7	34.6	
Nitouche	G	15	16	0.5	272			42.6		
Toledo	G	14	15	1.8	256			34.4		
Eclipse	Y	17	12	0.0	264			21.2		
Stirling	G	13	12	0.5	216			20.0		
Trial Mean		16	14	0.8	233	6.5	38.8	32.3	--	--
C.V. %		0.1	6.4	86.0	4.1	27.3	6.3	6.7	--	--
LSD .05		1	1	0.9	14	NS	3.7	3.1	--	--
LSD .01		1	2	1.3	19	NS	5.1	4.3	--	--

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

**Seed Type: G = green, Y = yellow.

NS = no statistical difference between varieties.

Planting Date: April 8, 2004

Harvest Date: August 18, 2004

Seeding rate: 250,000 live seeds/A

Previous Crop: 2001 = fallow, 2002 & 2003 = barley

Notes: The 2002 trial sustained severe heat and moisture stress. The 2004 trial sustained a hard frost (25°F) on June 18 causing blossoms to abort.