

2003 Field Peas in the West River Region**Combined Means**

Variety	Type	Plant Height	Lodg.	Seeds / Pound	Test Weight	Grain Protein	Grain Yield
		inches	0-9*		lbs/bu	%	bu/ac
DS Admiral	Yellow	21	1.2	1881	65.4	22.0	31.5
CDC Mozart	Yellow	17	2.2	1984	67.0	22.7	30.8
Cruiser	Green	19	0.9	1914	65.3	22.6	28.4
Majoret	Green	20	0.5	1702	65.8	23.5	25.8
Carneval	Yellow	21	0.8	2058	65.1	21.8	23.7
# of locations		3	2	3	4	4	5

Locations: Hettinger, Beulah, Glen Ullin, Hannover, and Bison SD.

2003 Field Pea Variety Trial - Continuously Cropped No-till

Hettinger

Variety	Seed Type	Days to First Flower	Duration of Bloom	Days to Matur.	Plant Ht. at Harvest	Lodg.	1000 Seed Weight	----- Yield -----			Avg. Yield -----	
								2000	2002	2003	2 yr	3 yr
							inches	0 - 9*	grams	----- bu/ac -----		
CDC Mozart	Yellow	59	12	82	19	3.5	181	50.0	6.5	41.2	23.8	32.6
Carneval	Yellow	60	12	82	25	0.5	168	30.2	5.9	36.1	21.0	24.1
SW Salute	Yellow	59	13	83	21	4.0	180		7.5	41.8	24.6	
Cruiser	Green	59	11	84	24	0.8	181		8.1	38.4	23.2	
DS Admiral	Yellow	60	12	83	25	1.2	188			39.6		
Majoret	Green	60	10	85	25	0	198			35.4		
Trial Mean		60	12	83	23	1.7	183	35.3	6.5	38.8	--	--
C.V. %		0.3	4.1	0.7	10.5	46.9	5.1	11.4	27.3	6.3	--	--
LSD .05		1	1	1	4	1.2	14	5.7	NS	3.7	--	--
LSD .01		1	1	1	5	1.6	20	7.7	NS	5.1	--	--

*Lodging: 0 = none, 9 = lying flat on ground.
 Planting Date: April 21, 2003
 Harvest Date: July 23, 2003
 Seeding Rate: 250,000 live seeds/acre
 Previous Crop: 1999 = Field Pea, 2001 = Fallow, 2002 = Barley.
 Notes: The 2002 trial sustained severe heat and moisture stress.