

2011 Field Pea Variety Trial at Hettinger

Variety	Brand	Days to Bloom	Duration of Bloom	Days to Mature	Plant Height	Lodging	1000 Seed wt	Protein Content	Test Weight	Seed Yield			Avg. Yield	
		*	days	*	inches	0 - 9**	grams	%	lbs/bu	2009	2010	2011	2 year	3 year
----- bushels per acre -----														
Yellow Types														
CDC Golden	Alt. Seed Str.	63	14	88	19	8	199	25.3	64.6	40.8	64.4	60.9	62.6	55.4
Agassiz	Meridian Seed	63	15	89	22	6	228	25.7	65.8	43.4	53.7	58.6	56.2	51.9
Midas	Pulse USA	64	12	87	21	8	168	25.2	65.0	39.6	53.5	58.5	56.0	50.5
Korando	Pulse USA	61	14	86	18	8	243	25.4	63.2	31.2	51.5	64.4	58.0	49.0
DS Admiral	Pulse USA	63	14	86	21	6	211	25.3	63.9	33.8	50.3	59.8	55.0	48.0
Gunner	Paulson Pr. Seed	62	15	88	21	7	197	25.1	64.4			60.1		
Vegas	JB Farms	62	14	87	24	7	196	25.4	66.4			59.5		
Green Types														
SW Arcadia	Pulse USA	62	12	86	19	9	176	25.6	64.3	42.1	52.2	51.3	51.8	48.5
K2	Pulse USA	62	14	88	22	7	180	25.1	64.2	37.9	47.4	55.4	51.4	46.9
Majoret	Pulse USA	64	12	89	20	8	193	25.9	64.8	34.9	49.3	46.3	47.8	43.5
Cruiser	Pulse USA	62	15	89	19	8	193	25.3	63.6	36.1	48.0	44.0	46.0	42.7
CDC Striker	Alt. Seed Str.	64	12	89	20	8	199	26.2	64.7	25.3	46.0	47.0	46.5	39.4
Shamrock	Legume Matrix	66	11	92	23	5	212	25.2	64.1			51.0		
Trial Mean		62	14	88	22	6	201	25.7	64.7	34.9	52.1	55.5	--	--
C.V. %		1.0	5.6	1.0	16.3	14.4	6.6	1.5	2.5	7.7	6.1	4.9	--	--
LSD 5%		1	1	1	5	1	19	0.5	NS	3.8	4.5	3.9	--	--
LSD 1%		1	1	2	NS	2	25	0.7	NS	5.0	6.1	5.1	--	--

* Days to Bloom & Mature = the number of days from planting to 10% bloom and physiological maturity.

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

Planting Date: April 29

Harvest Date: August 8

Seeding Rate: 330,000 live seeds / Acre.

Previous Crop: 2008 = durum, 2009 & 2010 = HRSW.