

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
----- bushes/ per acre -----														
<i>Yellow Types</i>														
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		
<i>Green Types</i>														
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

Seeding Rate: 330,000 live seeds / Acre.

Harvest Date: August 8

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