

2009 Field Pea Variety Trial – Continuously Cropped - No-till

Hettinger

Variety	Brand	Days to Plant			1000 Seed wt.	Test Weight	Seed Yield			Avg. Yield	
		Bloom	Height	Lodg.			2007	2008	2009	2 yr	3 yr
		*	inches	0-9**	grams	lbs/bu	bushels per acre				
Yellow Cotyledon Types											
CDC Mozart	Crop Dev. Ctr.	58	21	3	164	60.8	47.4	46.6	40.9	43.8	45.0
DS Admiral	Pulse USA	58	18	2	174	59.4	50.5	41.6	33.8	37.7	42.0
Agassiz	Meridian Seeds	58	20	3	188	60.1		45.7	43.4	44.6	
Thunderbird	Meridian Seeds	61	20	2	152	61.8		41.6	27.7	34.6	
CDC Meadow	ASST	57	21	4	176	59.6			44.2		
CDC Centennial	ASST	59	18	7	204	59.9			42.7		
Summit	ASST	58	19	4	182	59.4			41.9		
CDC Golden	Alt. Seed Str.	58	19	4	186	60.8			40.8		
SW Midas	Legume Logic	59	18	8	172	61.2			39.6		
PUSA 09001	Pulse USA	56	21	2	174	60.7			38.3		
Commander	ASST	59	20	4	188	60.8			37.4		
PUSA 09002	Pulse USA	58	19	4	178	59.7			33.6		
PUSA 09006	Pulse USA	56	20	2	178	60.7			32.9		
Korando	Pulse USA	55	21	2	218	59.7			31.2		
SW Marquee	Legume Logic	58	18	2	146	59.8			30.9		
Noble	Pulse USA	60	18	4	176	61.2			28.5		
PUSA 09005	Pulse USA	56	20	2	172	60.2			27.2		
Green Cotyledon Types											
Majoret	Pulse USA	59	20	6	154	61.2	48.6	41.3	34.9	38.1	41.6
Cruiser	Pulse USA	58	21	5	182	59.0	49.4	36.4	36.1	36.2	40.6
Cooper	Meridian Seeds	62	20	2	194	60.4	49.2	39.7	28.7	34.2	39.2
CDC Striker	Alt. Seed. Str.	56	20	3	182	60.8	48.3	38.1	25.3	31.7	37.2
Arcadia	Legume Logic	58	19	9	174	59.6			42.1		
K2	Legume Logic	55	18	2	168	59.1			37.9		
APCM 03018	Pulse USA	56	22	2	180	60.3			29.3		
CDC Sage	ASST	59	19	4	164	60.5			28.8		
Forage Types											
CDC Tucker	ASST	61	21	4	140	61.8			30.0		
Trial Mean		58	20	4	176	60.3	46.4	40.1	34.9	--	--
C.V. %		1.3	10.7	32	--	1.6	9.3	6.1	7.7	--	--
LSD .05		1	NS	1	--	1.4	6.1	3.5	3.8	--	--
LSD .01		1	NS	2	--	1.8	8.0	4.6	5.0	--	--

* Days to Bloom = the number of days from planting to 10% bloom.

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

NS = No statistical difference between varieties.

Planting Date: May 5, 2009

Harvest Date: August 24, 2009

Seeding Rate: 330,000 live seeds / acre.

Previous Crop: 2008 = durum, 2007 & 2006 = HRSW.

Note: The 2009 trial sustained moderate hail damage on June 22 and 24.