

2008 Field Pea Variety Trial – Continuously Cropped - No-till

Hettinger

Brand	Variety	Days to Bloom	Days to Mature	Lodg.	1000	Test	--- Seed Yield ----			Avg. Yield	
					Seed wt.	Weight	2006	2007	2008	2 yr	3 yr
				0-9*	grams	lbs/bu	----- bushels per acre -----				
Yellow Cotyledon Types											
Crop Dev. Ctr.	CDC Mozart	67	89	1	197	61.4	56.8	47.4	46.6	47.0	50.3
Pulse USA	DS Admiral	67	89	1	197	59.8	59.0	50.5	41.6	46.0	50.4
Pulse USA	Eclipse	68	92	2	188	55.9	53.7	50.1	37.5	43.8	47.1
Meridian Seeds	SW Capri	68	89	0	184	58.9		46.3	40.9	43.6	
Meridian Seeds	Fusion	67	94	2	203	57.6		42.4	31.1	36.8	
Meridian Seeds	Agassiz	66	89	1	157	58.5			45.7		
Limagrain Adv.	Alezon	66	89	4	197	60.1			43.4		
Meridian Seeds	Thunderbird	73	93	0	197	57.5			41.6		
Limagrain Adv.	Spider	67	91	1	224	59.0			38.6		
Green Cotyledon Types											
Pulse USA	Majoret	68	92	2	167	58.6	50.7	48.6	41.3	45.0	46.9
Alt. Seed Strat.	CDC Striker	68	92	1	205	59.3	50.9	48.3	38.1	43.2	45.8
Pulse USA	Cruiser	66	90	2	197	59.4	48.8	49.4	36.4	42.9	44.9
Meridian Seeds	Cooper	71	96	1	241	57.9		49.2	39.7	44.4	
Limagrain Adv.	Matrix	70	93	0	215	58.3			38.5		
Trial Mean		68	91	1	198	58.7	51.1	46.4	40.1	--	--
C.V. %		0.5	0.6	55.3	7.8	2.0	6.0	9.3	6.1	--	--
LSD .05		1	1	1	22	1.7	4.4	6.1	3.5	--	--
LSD .01		1	1	1	29	2.2	5.8	8.0	4.6	--	--

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

Planting Date: April 23, 2008

Harvest Date: July 31, 2008

Seeding Rate: 250,000 live seeds / acre.

Previous Crop: HRSW

2008 Field Pea Variety Trial – Continuously Cropped - No-till Wilton

Cooperator: Legume Logic

Variety	1000	Test	---- Seed Yield ----			Average Yield		
	KWT	Weight	2006	2007	2008	2 yr	3 yr	
	g	lbs/bu	----- bushels per acre -----					
Yellow Cotyledon Types								
CDC Mozart	228	61.2	64.9	75.0	42.3	58.6	60.4	
Eclipse	265	61.2	56.6	74.5	45.8	60.2	59.0	
Spider	246	62.0	56.9	75.6	40.8	58.2	57.8	
SW Marquee	207	61.2	50.7	79.2	40.1	59.6	56.7	
DS Admiral	254	60.4	56.5	70.4	42.3	56.4	56.4	
SW Midas	213	61.2	52.7	73.5	42.8	58.2	56.3	
Green Cotyledon Types								
Matrix	267	60.8	51.0	82.1	43.9	63.0	59.0	
Cruiser	233	61.2	51.0	72.2	41.4	56.8	54.9	
Aragorn	199	62.0	51.5	73.6	38.0	55.8	54.4	
Majoret	255	62.0	52.3	72.7	36.3	54.5	53.8	
K2	225	62.0	48.2	72.5	39.5	56.0	53.4	
Arcadia	211	61.2		75.1	39.8	57.4		
CDC Striker	220	62.0			43.5			
SW Sargent	219	61.2			42.8			
Marrowfat								
Orka	335	59.2	50.1	71.3	37.0	54.2	52.8	
Trial Mean	249	61.3	54.1	72.1	40.1	--	--	
C.V. %	3.5	--	11.1	6.5	10.1	--	--	
LSD .05	14	--	8.4	6.6	6.6	--	--	
LSD .01	19	--	11.1	8.6	8.8	--	--	

Planting Date: April 22, 2008
 Harvest Date: August 12, 2008
 Seeding Rate: 300,000 live seeds / acre.
 Previous Crop: hrsw.