

**NDSU Carrington Research Extension Center
2009 Variety Trial Data**

Field Pea

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Variety	Canopy				-- Harvest Ease --				---- Seed Yield ----							
	Plant Stand ft ²	Days to Bloom	Bloom Duration	Days to PM	Vine Length cm	Ht at Harvest cm	Height Index %	Lodgin g at PM 0-9	3-yr. Avg. 0 - 9	Seed Protein %	Seeds/1000 Pound KWT	1000 Test Weight lb/bu	3-yr. Avg. bu/ac			
Yellow Cotyledon Type																
Agassiz	7.3	51.3	20.8	83.8	69	66	95	0.0	0.8	--	21.7	1840	247	64.5	67.7	65.4
CDC Centennial	7.3	53.0	18.5	87.0	51	51	100	1.5	3.8	--	21.4	1813	250	64.8	70.8	--
CDC Golden	7.1	51.8	20.5	85.5	66	64	97	0.3	1.0	3.0	22.0	2174	209	64.8	67.6	56.7
CDC Meadow	7.2	50.8	20.0	83.3	70	68	98	0.5	0.5	1.9	21.5	2159	210	65.9	64.8	54.6
CDC Mozart	7.3	53.0	19.5	87.5	52	26	49	4.8	7.3	7.1	21.4	1929	236	64.9	69.4	55.3
Commander	7.6	52.8	19.3	85.3	64	64	100	0.3	0.5	--	21.5	2111	215	64.9	64.0	62.1
DS Admiral	6.6	52.5	15.3	85.8	69	62	90	1.5	2.3	3.0	21.0	1997	227	65.4	64.6	53.8
Eclipse	7.3	51.3	16.3	85.3	53	46	86	0.8	2.3	3.7	22.1	2005	227	65.0	60.6	51.6
Korando	7.1	48.0	14.0	82.0	62	57	92	0.3	1.5	3.5	21.8	1693	268	65.4	67.2	57.8
Noble	7.0	55.0	17.8	94.8	61	60	98	2.0	2.8	2.8	23.6	1943	234	63.1	51.7	57.0
Polstead	6.4	52.0	17.8	86.5	61	53	87	0.8	2.0	5.7	22.1	1924	241	64.8	64.8	62.7
Puma	7.5	52.5	18.5	86.0	73	49	68	2.3	3.3	--	21.5	1792	254	64.8	62.5	--
SW Marquee	7.8	53.8	18.0	84.8	64	64	100	0.3	0.3	1.0	21.8	2372	192	65.3	60.0	54.1
SW Midas	6.5	53.8	16.3	85.5	61	55	90	0.0	1.0	2.6	21.7	2129	217	65.3	66.2	55.9
SW Salute	6.5	52.3	19.3	86.3	70	44	63	2.0	4.5	--	22.0	2129	213	64.3	65.9	--
Sorento	6.5	53.3	19.0	89.5	61	49	82	3.0	5.0	--	21.9	1962	232	64.4	66.7	62.7
Spider	6.4	53.3	18.8	85.8	69	67	97	0.0	0.3	2.3	21.8	1748	260	64.7	67.1	59.7
Summit	7.5	51.3	19.0	84.5	67	61	90	0.5	1.3	--	21.1	2050	222	66.2	68.2	--
Thunderbird	7.1	58.0	14.8	90.5	67	65	97	0.5	0.8	1.4	21.9	2065	220	64.5	59.8	56.5
Tudor	6.6	57.0	14.5	88.0	64	54	85	2.0	3.3	3.4	21.5	1693	269	64.0	59.6	55.4
MEAN	7.2	52.9	16.8	86.3	64.5	55.5	86.6	1.1	1.9	--	21.6	2021	231	64.9	61.7	--
C.V.%	10.7	1.2	7.1	1.7	7.8	13.5	13.2	76.4	60.7	--	2.1	5.3	5.1	1.0	8.0	--
LSD.05	1.1	0.9	1.6	2.0	7.0	10.5	15.9	1.2	1.6	--	0.6	149	16	0.9	6.9	--

Planting Date = May 8 ; Harvest Date = August 18 ; Previous Crop = Spring Wheat

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.

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Variety	Plant Stand ft ²	Days to Bloom	Bloom Duration	Days to PM	Vine Length cm	Canopy		Lodgin g at PM 0-9	-- Harvest Ease --		Seed Protein %	Seeds/ 1000 Pound KWT	---- Seed Yield ----			
						Ht at Harvest cm	Height Index %		3-yr. Avg.	Test Weight lb/bu			3-yr. Avg.			
Green Cotyledon Type																
Aragorn	6.6	49.0	15.8	80.8	53	41	78	1.5	2.5	4.5	21.2	2348	193	64.9	52.7	48.6
Arcadia	7.6	51.8	17.3	84.0	56	47	84	1.0	2.3	4.3	21.4	2202	207	64.5	65.9	56.5
CDC Patrick	7.3	56.8	15.8	89.8	65	48	76	2.5	3.8	--	21.0	2580	176	64.3	60.8	--
CDC Sage	6.5	54.8	18.0	89.8	66	64	97	1.0	1.3	--	20.3	2712	168	64.9	52.9	--
CDC Striker	8.2	52.8	16.8	86.3	64	60	93	0.3	0.3	1.4	22.3	1994	228	65.5	58.6	54.2
Cooper	6.3	59.0	13.0	93.3	58	58	100	0.8	0.8	2.6	21.1	1595	285	64.6	67.2	62.3
Cruiser	7.6	51.0	17.5	83.0	65	45	70	1.3	2.3	3.5	21.4	2345	194	65.0	60.5	48.0
K2	7.8	49.3	15.0	82.0	63	51	81	0.3	0.3	1.2	21.5	2064	220	65.3	56.3	52.1
Majoret	6.3	55.5	16.3	90.3	63	43	68	1.8	3.8	4.0	21.3	2273	200	63.7	63.5	54.3
Matrix	6.7	58.0	14.0	91.3	54	54	100	1.0	1.3	2.6	21.3	1672	272	64.3	53.7	64.4
PUSA 09007	7.4	51.8	18.0	88.0	62	60	98	0.0	1.0	--	21.2	1793	254	65.1	57.8	--
Miscellaneous Types																
CDC Tucker {Forage}	6.9	55.3	17.5	92.0	68	66	97	1.3	2.5	--	22.7	2999	152	64.9	49.7	--
Orka {Marrowfat}	5.9	50.3	16.3	87.0	60	40	68	2.8	4.5	5.5	21.5	1203	378	63.8	59.9	44.2
MEAN	7.2	52.9	16.8	86.3	64.5	55.5	86.6	1.1	1.9	--	21.6	2021	231	64.9	61.7	--
C.V.%	10.7	1.2	7.1	1.7	7.8	13.5	13.2	76.4	60.7	--	2.1	5.3	5.1	1.0	8.0	--
LSD.05	1.1	0.9	1.6	2.0	7.0	10.5	15.9	1.2	1.6	--	0.6	149	16	0.9	6.9	--

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Harvest Ease scores: 0 = all plants upright ~ very easy harvest, to 9 = all plants flat ~ very difficult to harvest direct.

Harvest Index: Plant height at time of harvest relative to plant height at end of bloom.