

**NDSU Carrington Research Extension Center  
2007 Variety Trial Data**

**Field Pea**

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Variety	Days to Bloom	Bloom Duration	Days to PM	Canopy			Lodging at PM	---- Harvest Ease ----		Seed Protein %	Seeds/1000 Pound KWT	---- Seed Yield ----			
				Vine Length cm	Ht at Harvest cm	Height Index %		3-yr. Avg. 2007	0-9			Test Weight lb/bu	3-yr. Avg. 2007	bu/ac	
<b>Green Cotyledon Type</b>															
61758	51.5	13.5	83.8	69	30	45	4.3	4.5	--	26.2	2717	168	63.4	36.0	--
93018	50.3	13.5	82.3	83	37	46	3.0	3.3	--	25.6	2461	185	62.4	52.0	--
711446	52.5	15.0	84.0	75	38	53	2.3	2.8	--	25.3	2232	204	63.8	46.0	--
Aragorn	49.0	20.8	82.5	66	31	48	3.8	5.0	4.6	26.1	2767	164	62.3	39.5	47.3
CDC Sage	54.0	13.8	86.0	66	35	54	3.8	4.3	--	24.1	2973	153	64.0	35.8	--
CDC Striker	53.3	13.3	84.5	74	43	58	2.3	2.0	2.5	25.7	2159	211	64.3	48.1	51.7
Camry	51.8	13.5	85.5	57	13	23	6.5	8.3	5.8	24.1	2344	194	63.0	49.0	52.3
Matrix	54.8	11.0	84.3	70	40	56	2.5	3.0	2.8	22.6	2015	225	62.8	60.9	62.9
Cooper	56.5	12.0	86.0	74	33	45	2.8	3.3	2.9	23.4	1822	249	63.2	55.9	57.3
Cruiser	52.0	18.0	84.8	63	36	56	4.0	4.0	4.2	24.8	2562	177	64.5	40.6	45.9
K2	49.8	17.3	83.3	62	37	60	2.5	2.8	3.2	24.9	2406	189	64.3	43.0	49.5
Majoret	53.0	14.0	85.0	68	25	37	4.5	5.3	4.4	26.1	2319	197	63.2	42.5	50.7
Medora	54.5	14.8	85.5	63	36	58	2.8	4.0	3.5	23.8	2639	172	62.9	24.2	44.0
Nitouche	51.3	17.0	86.0	70	33	47	3.5	4.0	3.8	25.9	1986	229	62.7	43.3	48.8
Tamora	56.8	10.8	86.5	70	34	49	2.8	4.0	4.2	24.1	1800	253	62.7	53.9	53.1
<b>Yellow Cotyledon Type</b>															
86010	51.0	14.0	82.0	78	41	52	2.0	2.0	--	24.4	1908	239	64.2	56.1	--
97113	49.8	13.3	78.8	80	36	46	3.3	3.5	--	23.6	2067	221	62.7	52.9	--
Agassiz	51.3	18.3	84.5	76	33	44	3.0	3.0	--	25.9	2177	210	62.9	54.2	--
CDC Golden	52.8	17.0	84.3	78	35	45	2.5	3.5	3.8	25.6	2410	189	64.3	48.3	56.8
CDC Meadow	52.0	17.5	83.3	71	42	61	2.0	2.3	--	23.8	2550	178	64.3	46.9	--
MEAN	52.2	15.3	84.3	72.5	35.7	49.3	3.0	3.7	--	24.9	2250	206	63.5	47.2	--
C.V.%	1.2	11.0	1.5	8.7	19.1	20.9	26.1	25.1	--	3.4	5.7	5.6	1.4	11.9	--
LSD.05	0.8	2.3	1.7	8.7	9.4	14.3	1.1	1.3	--	1.2	177	16	1.2	7.8	--

**Planting Date = April 27 ; Harvest Date = July 30 ; Previous Crop = Spring Wheat**

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**Carrington (Page 2 of 2)**

Variety	Days to Bloom	Bloom Duration	Days to PM	Canopy			Lodging at PM	---- Harvest Ease ----			Seeds/1000	Seeds/Pound	1000 KWT	Test Weight	---- Seed Yield ----	
				Vine Length	Ht at Harvest	Height Index		3-yr. Avg.	Seed Protein	2007					3-yr. Avg.	
				cm	cm	%		0-9	%	----- 0-9 -----					----- bu/ac -----	
CDC Mozart	51.8	16.8	83.8	64	20	31	6.8	8.0	6.8	23.8	2256	202	64.8	49.8	57.8	
Ceb 4152	50.3	19.8	85.5	80	43	55	1.0	1.5	1.6	25.2	1898	241	63.6	55.8	58.0	
Ceb 4163	52.5	16.8	86.0	75	24	32	5.3	6.3	--	26.1	2081	219	62.7	58.3	--	
DS Admiral	52.0	14.0	82.5	74	32	43	2.8	3.3	2.6	23.9	2154	211	63.8	51.2	56.7	
Eclipse	51.0	15.8	84.5	67	25	38	3.5	5.5	4.0	25.6	2227	204	63.6	48.5	56.3	
Fusion	50.0	17.5	85.3	69	33	49	3.3	3.5	4.3	24.0	1962	232	63.6	52.8	55.8	
IN 4176	50.3	18.3	82.3	80	46	56	0.8	1.5	--	26.7	2625	174	64.2	36.9	--	
IN 4179	47.5	18.8	83.8	82	32	40	2.5	3.8	--	25.6	2090	217	62.5	54.5	--	
Miami	51.3	15.5	83.0	75	27	36	4.8	5.3	--	25.1	2166	210	62.9	51.9	--	
Noble	54.3	15.5	86.5	79	38	48	1.8	2.3	--	26.3	2257	202	62.7	51.0	--	
PS01102958	54.3	15.0	86.0	62	16	25	6.5	7.8	7.5	25.1	1959	232	63.2	46.6	51.6	
Polstead	51.5	17.3	86.3	68	15	23	5.8	7.8	5.8	25.6	1939	235	63.0	62.3	60.8	
SW Capri	53.0	14.3	81.8	70	38	55	2.3	2.5	2.3	24.9	2639	172	62.9	46.3	55.9	
SW Circus	50.8	14.3	82.3	67	48	72	1.8	2.3	2.8	23.4	2962	154	63.7	34.4	49.4	
SW Marquee	53.3	16.0	84.5	69	55	80	0.8	0.8	1.4	25.7	2466	184	63.9	46.1	50.9	
SW Midas	52.5	13.8	80.8	74	32	44	3.0	3.8	3.6	23.9	2458	185	64.2	56.0	55.3	
SW Salute	52.3	15.5	83.3	71	32	45	3.3	4.0	5.2	24.4	2375	192	64.1	48.9	53.1	
Thunderbird	58.5	11.3	85.3	78	40	52	2.3	2.3	--	25.1	2287	200	64.1	49.4	--	
Tudor	54.3	14.8	85.0	84	39	47	2.0	2.5	2.7	24.9	2012	226	63.6	51.2	55.9	
<b>Misc. Type</b>																
<i>Marrowfat</i>																
Orka	51.3	14.8	86.3	65	25	40	4.0	5.3	5.4	24.3	1414	324	63.7	44.9	46.8	
MEAN	52.2	15.3	84.3	72.5	35.7	49.3	3.0	3.7	--	24.9	2250	206	63.5	47.2	--	
C.V.%	1.2	11.0	1.5	8.7	19.1	20.9	26.1	25.1	--	3.4	5.7	5.6	1.4	11.9	--	
LSD.05	0.8	2.3	1.7	8.7	9.4	14.3	1.1	1.3	--	1.2	177	16	1.2	7.8	--	

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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.