

**NDSU Carrington Research Extension Center
2003 Variety Trial Data**

Field Pea **Carrington (Page 1 of 2)**

- Seed Yield

Variety	Plant Stand	Days to Bloom	Bloom Duration	Days to PM	Vine Length	Canopy		Lodging at PM	Harvest Ease	Powdery Mildew	Seed Protein %	Seeds/1000 Pound	1000 KWT	Test Weight lb/bu	3-yr. Avg. bu/ac
						Ht at Harvest	cm								

Green Cotyledon

A-0031.3	5.8	50.3	18.5	92.3	78	30	4.5	5.5	4.5	20.1	1708	266	64.4	72.4	--
Ariel	5.6	54.5	19.3	93.0	85	40	4.3	5.5	4.5	22.1	2713	168	64.2	66.0	--
Avasis	5.5	56.0	16.5	95.3	85	55	2.5	2.5	0.0	21.9	2243	203	65.5	63.6	--
CDC Striker	5.3	55.0	16.3	93.5	92	55	2.5	3.8	4.8	22.7	1871	243	65.2	74.7	--
Ceb 1080	5.7	53.0	18.5	93.3	64	27	4.5	6.5	0.5	21.3	2071	219	64.4	70.4	--
Ceb 1081	5.7	60.5	16.8	97.3	94	38	3.5	4.0	0.0	21.5	1661	274	65.0	76.2	--
Ceb 1090	4.3	53.3	21.0	96.3	90	32	6.0	6.5	0.0	20.7	1782	262	64.6	75.6	--
Ceb 1170	5.8	51.3	20.8	94.8	88	55	2.0	2.3	5.8	20.5	1652	279	65.5	71.8	66.7
Cruiser	5.3	53.3	22.0	94.0	88	35	4.8	6.3	6.0	21.4	2268	200	64.8	70.9	60.9
DS 49500	5.4	53.0	18.0	94.8	87	42	3.8	3.5	5.5	21.8	1749	260	66.1	65.0	--
DS 49555	5.1	52.5	19.5	95.3	78	33	4.3	4.5	5.0	22.3	1816	251	65.0	78.0	--
Majoret	3.9	54.0	18.5	95.5	91	44	3.5	3.8	4.0	23.3	1967	232	65.4	65.5	58.7
Nitouche	5.3	53.5	19.0	95.0	88	35	5.0	5.3	6.0	22.6	1727	265	64.7	72.2	62.3
Pro3172	4.5	50.8	21.5	90.8	78	41	4.0	5.0	4.0	20.0	2111	215	64.7	65.1	--
SW 98692	4.8	51.3	21.8	93.5	81	51	1.8	3.0	4.5	20.3	2082	218	65.4	70.1	--
SW A 6005	5.4	56.0	19.3	93.5	84	29	6.5	6.5	3.5	22.4	2410	190	63.7	69.3	--
SW A 6107	3.9	52.3	21.0	94.5	80	29	4.8	6.3	4.0	20.8	1987	229	64.6	65.9	--
SW A 6153	5.5	53.0	22.5	94.0	89	57	3.0	3.5	0.0	20.9	2473	184	65.4	71.1	--
SW A 6154	5.4	54.8	23.8	95.8	91	32	5.8	7.0	0.0	21.3	2335	195	64.9	72.7	--
SW Parade	5.0	55.0	23.8	95.8	88	30	6.0	7.5	1.3	22.2	2733	166	64.9	68.6	--
Stratus	5.6	52.8	20.0	95.3	76	22	7.3	8.5	0.0	22.4	1957	233	64.1	79.6	--
Toledo	4.9	51.0	18.5	92.8	81	41	2.8	3.3	5.0	21.9	1648	276	64.5	71.6	60.1

Yellow Cotyledon

4-0862.035	5.1	50.5	20.0	91.0	87	67	1.5	2.0	3.3	19.9	1561	291	65.0	71.0	--
4-0862.039	5.1	51.3	20.5	90.8	88	55	2.3	3.8	4.5	20.6	1627	281	65.1	74.5	--
CDC Minuet	5.7	58.5	21.3	95.3	82	31	4.8	5.8	0.0	22.4	2636	172	64.9	75.8	63.8
CDC Mozart	5.7	52.3	22.8	94.3	69	24	7.3	8.0	0.3	20.6	2064	220	64.9	80.8	70.3
Carneval	5.1	54.8	19.0	92.5	91	37	2.5	3.8	1.8	20.2	2340	195	64.9	74.2	63.1
Ceb 4119	5.5	53.0	20.0	93.8	80	25	7.0	8.3	0.0	22.3	1894	240	63.1	74.9	--
Ceb 4135	5.7	52.0	24.0	96.8	91	33	4.8	5.3	0.8	23.2	1537	296	66.2	84.4	--
Ceb 4136	6.3	52.3	22.3	94.8	89	34	4.5	5.8	0.0	22.6	2002	229	65.7	69.5	--
Ceb 4137	5.9	52.3	20.8	94.3	93	45	3.3	4.5	0.0	21.2	1640	277	66.4	75.2	--

MEAN	5.3	52.9	20.3	93.4	84.5	39.0	4.0	4.8	2.2	21.5	2013	234	65.0	72.6	--
C.V.%	13.9	1.1	6.3	1.3	8.1	23.4	28.7	24.2	43.5	3.3	7.1	7.7	0.9	8.0	--
LSD.05	1.0	0.9	1.8	1.7	9.5	12.7	1.6	1.6	1.3	0.9	197	25	0.8	8.0	--

Planting Date = May 2; Harvest Date = August 4 (1 line), 8 (early group) and 14 (later group), based on maturity;

Previous Crop = Spring Wheat

Powdery Mildew scores; 0 = no symptoms present to 9 = heavy disease pressure.

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

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2003 Variety Trial Data**

- Seed Yield

Variety	Plant Stand ft-2	Days to Bloom	Bloom Duration	Days to PM	Vine Length cm	Canopy		Lodging at PM 0-9	Harvest Ease 0-9	Powdery Mildew 0-9	Seed Protein %	Seeds/1000 Pound KWT	Test Weight lb/bu	3-yr. Avg. bu/ac	
						Ht at Harvest cm	3-yr. Avg. bu/ac								
Ceb 4138	5.3	52.0	25.3	94.3	103	42	3.0	3.0	3.8	20.0	1653	275	66.3	83.4	--
Croma	6.2	51.0	18.0	92.3	74	36	5.8	6.5	2.3	21.4	1658	277	64.5	78.0	--
DP 36183	6.4	53.0	19.0	93.8	86	33	2.8	4.0	0.0	22.1	1691	269	65.3	74.6	--
DP 36192	5.4	52.0	21.0	95.5	89	28	5.5	5.8	0.0	22.7	1716	265	65.0	75.6	--
DS 49495	5.6	50.3	21.5	92.5	85	44	2.8	3.5	4.0	20.3	2135	213	64.4	75.6	--
DS 49578	5.5	52.0	19.5	91.8	92	58	1.0	2.0	4.0	19.7	1651	275	65.2	75.2	--
DS Admiral	5.6	54.5	18.5	93.8	92	44	3.3	3.8	0.0	20.9	1948	234	65.7	75.4	64.2
Eclipse	5.7	52.8	26.5	96.8	94	34	4.8	5.3	0.0	23.3	2030	224	65.6	80.4	72.4
Exp-SW5122	5.8	53.5	20.3	94.0	88	39	2.8	3.3	0.0	21.6	2118	214	65.7	81.1	--
FDP 007	3.4	52.5	21.3	95.0	87	45	4.0	4.0	5.3	21.1	1790	255	65.5	66.1	--
FDP 2010	4.9	51.0	21.5	92.3	90	48	2.8	3.8	4.8	20.3	1667	273	64.3	76.3	--
Integra	6.4	52.3	17.8	90.3	82	43	2.5	3.8	3.5	22.6	1776	256	64.5	78.0	63.9
Madonna	5.7	51.5	20.0	91.8	87	48	2.3	3.0	4.3	21.8	1799	253	66.0	73.6	--
Pro98330	5.2	55.5	16.0	92.0	73	23	6.8	7.8	0.0	20.4	1929	236	64.0	64.0	--
SW 985755	4.3	51.3	21.3	92.3	84	52	1.5	2.0	3.0	22.6	1817	250	64.9	74.6	--
SW 995848	5.0	52.5	20.3	93.0	87	33	5.3	6.8	1.5	21.2	2054	221	64.8	70.9	--
SW 995850	4.9	50.8	20.3	93.0	80	35	4.5	5.5	4.0	20.5	1922	236	64.4	73.5	--
SW A 5098	5.0	53.3	20.8	92.8	90	41	4.0	5.0	0.0	21.4	1776	256	64.6	70.6	--
SW A 5126	4.9	55.0	23.3	95.8	89	39	3.8	4.0	0.0	20.9	2606	175	65.5	71.6	--
SW A 5158	5.6	55.8	23.8	94.0	86	31	5.0	6.3	0.0	22.5	2444	186	63.8	72.1	--
SW Bravo	3.5	52.0	21.8	94.8	88	63	1.3	1.5	2.8	22.7	1718	265	65.7	72.6	--
SW Capri	5.4	54.0	17.5	89.0	84	53	1.5	2.3	2.3	21.2	2247	203	65.2	72.5	--
SW Circus	5.5	53.0	18.3	89.8	80	51	1.3	2.5	2.0	20.3	2192	208	65.2	70.4	--
SW Midas	4.9	56.3	18.0	94.0	88	41	2.8	3.5	0.0	20.5	2228	204	65.1	74.4	--
SW Salute	6.1	52.5	20.3	92.0	84	28	5.5	7.0	0.0	21.4	2028	224	64.2	80.5	--
Topeka	5.4	51.5	19.8	92.8	71	24	7.3	8.0	0.0	21.9	2087	218	64.4	74.4	--
Misc. Type															
<i>Marrowfat</i>															
DS 49519	5.7	51.5	18.8	92.3	74	33	6.0	6.3	6.3	21.2	1514	317	63.9	65.8	--
<i>Small Green</i>															
DS 89244	5.6	44.5	20.0	81.3	57	22	7.3	8.3	0.0	24.7	4163	109	65.8	33.7	--
<i>Tan</i>															
Shepsy	6.1	53.8	18.8	94.8	83	32	4.8	5.5	0.0	22.7	2166	210	65.3	70.4	--
MEAN	5.3	52.9	20.3	93.4	84.5	39.0	4.0	4.8	2.2	21.5	2013	234	65.0	72.6	--
C.V.%	13.9	1.1	6.3	1.3	8.1	23.4	28.7	24.2	43.5	3.3	7.1	7.7	0.9	8.0	--
LSD.05	1.0	0.9	1.8	1.7	9.5	12.7	1.6	1.6	1.3	0.9	197	25	0.8	8.0	--

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