

**NDSU Carrington Research Extension Center  
2014 Variety Trial Data**

**Field Pea** **Carrington (Page 1 of 3)**

Variety	Days to Bloom	Days to PM	Vine Length inch	Canopy	Height Index <sup>1</sup> %	Lodge at PM 0 to 9	- Harvest Ease <sup>2</sup> -			Seed Protein %	Seeds/ Pound	1000 KWT gram	Test Weight lb/bu	---- Seed Yield ----	
				Ht at Harvest inch			2014	3-yr. Avg.	2014					3-yr. Avg.	
<b>Yellow Cotyledon Type</b>															
Agassiz	56.5	91.8	36.5	22.2	60.8	0.5	6.3	4.2	25.7	1763	258	63.6	80.4	69.3	
DS Admiral	55.8	87.0	33.7	16.8	50.2	3.3	5.8	2.8	25.9	1837	247	63.8	62.0	58.3	
CDC Meadow	56.0	88.8	32.8	18.6	56.8	2.5	6.0	4.4	25.2	2000	227	65.0	71.0	64.1	
Bridger	55.0	88.8	34.8	20.3	58.1	2.0	7.0	3.0	25.3	1838	247	63.9	74.1	66.2	
Spider	58.3	90.8	34.2	17.5	51.3	2.3	5.8	4.0	25.7	1723	264	64.6	80.3	66.2	
Navarro	50.3	88.8	33.6	16.6	49.5	3.5	5.5	3.4	25.5	1661	273	64.0	73.7	64.0	
Salamanca	59.8	91.0	36.8	20.6	56.3	1.8	7.0	4.1	26.5	1700	267	64.0	74.2	64.4	
Gunner	58.3	91.3	35.0	20.9	59.7	1.0	6.5	4.1	25.1	1820	250	63.9	73.0	63.2	
Vegas	58.8	90.3	39.8	21.2	53.2	2.0	6.8	3.1	26.0	1846	246	64.3	75.9	65.0	
Yellowstone	50.3	86.0	34.1	17.7	52.0	3.3	5.3	--	25.2	1633	278	64.0	65.0	--	
Hyline	58.3	91.3	36.2	16.7	46.2	2.0	5.8	--	24.8	1671	272	64.4	76.8	--	
Jetset	56.3	88.3	34.8	18.8	53.9	3.0	6.3	--	25.2	1786	254	63.5	76.7	--	
Earllystar	56.3	88.8	37.3	22.6	59.8	1.8	6.8	--	24.0	2022	225	63.2	77.7	--	
LN4228	52.3	92.0	37.3	22.4	60.0	1.0	7.3	3.1	26.4	1607	283	64.6	74.6	64.3	
CM3404	60.5	91.3	34.3	19.7	58.3	1.8	6.5	4.7	25.5	1471	309	63.9	74.0	67.4	
LN4236	58.0	92.0	34.9	19.0	55.9	2.0	5.8	--	26.7	1749	260	64.0	80.9	--	
N08056-092	54.5	89.5	35.7	16.3	45.9	2.8	5.8	--	25.5	1891	240	63.4	78.4	--	
N08056-099	57.0	92.8	36.9	18.0	48.8	1.3	6.5	--	26.8	1767	257	63.1	78.1	--	
UN F377	52.8	88.8	33.9	16.9	50.1	4.3	5.3	--	25.4	1812	251	63.7	74.5	--	
CM1609	62.3	91.3	38.5	23.4	61.2	1.5	6.5	--	24.9	1367	332	63.6	70.9	--	
PSTSP16	60.0	89.3	35.8	20.0	55.9	1.5	7.0	--	25.4	1750	260	63.4	67.9	--	
PSTSP17	59.5	91.5	35.8	18.7	52.4	1.8	6.3	--	26.1	1580	287	63.4	73.0	--	
SW Midas	57.0	88.8	35.5	15.9	45.2	3.3	5.0	4.0	25.1	2077	219	64.0	71.9	64.3	
MEAN	56.6	90.5	35.6	19.1	53.7	2.2	6.1	--	25.5	1767	259.6	64	73.9	--	
C.V. (%)	1.5	1.7	6.9	12.1	13.5	53.6	11.0	--	2.4	3.3	3.2	1.0	8.0	--	
LSD 0.10	0.8	1.4	2.2	2.1	6.6	1.1	0.6	--	0.7	53	7.6	0.6	5.3	--	
LSD 0.05	1.2	2.1	3.4	3.2	10.1	1.6	0.9	--	0.8	81	11.6	0.9	8.2	--	

**Planting Date = May 1 ; Harvest Date = August 11 ; Previous Crop = Spring Wheat**

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**Field Pea** **Carrington (Page 2 of 3)**

Variety	Days to Bloom	Days to PM	Vine Length inch	Canopy	Height Index <sup>1</sup> %	Lodge at PM 0 to 9	- Harvest Ease <sup>2</sup> -			Seed Protein %	Seeds/ Pound	1000 KWT gram	Test Weight lb/bu	----- Seed Yield -----	
				Ht at Harvest inch			2014	3-yr. Avg.	2014					3-yr. Avg.	
<b>Yellow Cotyledon Type</b>															
Abarth	55.8	90.3	36.2	19.7	54.6	2.0	6.0	--	23.6	1616	281	64.5	80.9	--	
Nette	55.3	87.8	34.9	17.3	50.1	2.0	6.3	3.3	25.0	1960	232	64.6	75.9	65.7	
Korando	51.5	91.0	34.7	18.4	53.1	2.3	5.8	3.8	26.8	1719	264	64.4	69.5	68.6	
Mystique	56.8	93.0	36.9	21.0	57.2	1.3	7.3	4.3	25.0	1630	279	63.6	74.1	65.1	
Durwood	58.0	90.8	39.0	22.3	57.4	1.0	6.8	--	25.5	1712	266	63.6	74.2	--	
PUSA 11001-2	50.0	88.5	34.7	19.4	56.1	3.0	6.0	2.9	25.9	1698	267	63.5	74.8	65.8	
PUSA 11002	51.5	89.5	33.6	18.1	54.4	2.5	5.3	3.6	26.7	2169	209	64.4	69.7	64.3	
PUSA EXP 1300	56.8	92.8	34.0	20.2	59.4	1.3	6.5	--	26.6	1812	251	63.8	68.1	--	
PUSA EXP 1305	56.3	87.5	37.8	21.1	55.7	2.0	7.0	--	24.2	1448	314	64.2	75.0	--	
PUSA EXP 1308	55.3	90.3	36.2	22.4	62.1	0.8	6.5	--	25.5	1714	265	63.8	70.1	--	
PUSA EXP 612	51.0	91.7	34.5	19.2	55.4	3.0	6.0	3.2	26.8	1731	262	63.5	62.3	62.3	
PUSA EXP 0113	58.7	85.3	33.7	19.4	57.7	2.7	5.7	--	23.5	1711	265	63.7	58.6	--	
PUSA 0014	58.3	90.7	34.0	18.4	54.1	3.0	5.7	--	24.0	1745	260	64.1	73.7	--	
PUSA 0314	51.5	90.0	35.7	17.3	48.5	2.8	5.8	--	23.7	1802	252	63.9	72.9	--	
PUSA 0514	58.0	90.0	40.6	19.7	48.4	1.0	6.7	--	26.3	1544	294	63.5	83.7	--	
PUSA 0614	54.8	92.3	33.3	20.1	60.5	2.0	6.3	--	27.3	1754	259	63.9	72.5	--	
PUSA 0714	57.3	90.8	37.1	26.7	71.9	2.3	7.0	--	25.7	1777	255	64.3	79.4	--	
PUSA 0914	50.8	90.3	31.8	18.4	58.0	1.5	6.3	--	26.4	1680	270	64.3	71.4	--	
PUSA 1014	52.0	87.0	35.2	17.8	50.9	3.0	6.0	--	26.0	1567	290	64.2	69.3	--	
PUSA 1114	59.8	95.3	36.7	21.7	59.1	1.0	7.3	--	24.6	1830	248	63.1	78.1	--	
MS001	57.5	89.0	36.1	19.7	54.7	2.3	6.3	--	23.9	1871	243	64.0	72.9	--	
Torch	60.3	90.0	34.5	19.7	57.0	2.0	6.0	3.0	26.0	1629	279	63.2	75.6	63.1	
Quantim	58.5	94.3	35.9	18.4	51.3	1.0	6.3	--	24.9	1511	301	63.3	79.7	--	
MEAN	56.6	90.5	35.6	19.1	53.7	2.2	6.1	--	25.5	1767	259.6	64	73.9	--	
C.V. (%)	1.5	1.7	6.9	12.1	13.5	53.6	11.0	--	2.4	3.3	3.2	1.0	8.0	--	
LSD 0.10	0.8	1.4	2.2	2.1	6.6	1.1	0.6	--	0.7	53	7.6	0.6	5.3	--	
LSD 0.05	1.2	2.1	3.4	3.2	10.1	1.6	0.9	--	0.8	81	11.6	0.9	8.2	--	

**Planting Date = May 1 ; Harvest Date = August 11 ; Previous Crop = Spring Wheat**

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**Field Pea** **Carrington (Page 3 of 3)**

Variety	Days to Bloom	Days to PM	Vine Length inch	Canopy	Height Index <sup>1</sup> %	Lodge at PM 0 to 9	- Harvest Ease <sup>2</sup> -			Seed Protein %	Seeds/ Pound	1000 KWT gram	Test Weight lb/bu	---- Seed Yield ----	
				Ht at Harvest inch			2014	3-yr. Avg.	2014					3-yr. Avg.	
<b>Green Cotyledon Type</b>															
Majoret	58.8	90.8	34.9	18.2	52.4	2.0	6.0	5.1	27.1	1766	258	63.7	72.7	59.6	
Cruiser	56.5	91.8	35.1	18.0	51.2	1.0	6.0	4.6	26.2	2029	224	63.2	67.8	58.5	
CDC Striker	57.0	90.3	34.2	13.6	39.8	5.7	4.8	5.4	25.4	2086	219	63.1	73.6	63.1	
Bluemoon	58.0	92.3	37.9	19.6	52.0	1.8	6.5	3.6	26.3	1704	266	64.0	77.9	67.0	
K2	55.8	90.3	34.4	19.9	58.2	2.3	6.3	3.4	25.6	2014	226	64.1	69.7	58.0	
Arcadia	57.0	90.3	33.0	14.8	44.8	6.0	3.8	4.7	25.8	2134	213	63.8	81.4	66.6	
Daytona	59.0	90.5	32.7	14.8	45.3	2.5	5.0	--	24.9	1711	266	63.5	75.3	--	
LN1115	57.0	91.0	36.3	14.9	40.9	6.5	3.8	2.7	26.3	1677	271	64.5	78.4	69.6	
LN1123	60.0	92.5	32.9	15.4	47.4	2.3	4.3	--	25.2	1894	240	64.3	78.1	--	
LN1109	58.0	91.8	33.3	18.1	54.5	2.5	6.0	--	25.1	1483	307	64.4	66.8	--	
Aragorn	54.5	90.5	34.2	18.0	52.9	1.5	5.3	4.8	27.2	1968	231	62.6	67.4	54.8	
Greenwood	56.5	90.8	33.5	15.7	47.1	3.3	4.5	--	24.4	2097	217	64.6	64.6	--	
Ginny	56.0	91.0	34.7	16.5	47.6	2.8	5.3	--	25.7	2096	217	63.6	68.1	--	
PSTSP5	56.5	93.5	39.4	19.1	48.9	1.8	6.5	--	25.9	1692	268	64.1	71.0	--	
PSTSP9	60.0	91.3	34.6	21.3	62.0	2.5	6.8	--	24.5	1661	273	63.3	71.9	--	
PSTSP13	60.3	90.3	34.0	18.4	54.1	1.8	6.5	--	25.3	1506	302	64.0	74.6	--	
Matrix	60.5	89.8	36.0	15.4	42.6	2.5	5.8	--	24.6	1602	284	63.9	72.7	--	
LN 1123	60.0	93.0	34.5	18.0	52.3	1.5	5.5	--	24.8	1857	244	65.0	79.0	--	
PUSA 0214	56.3	95.5	39.5	22.1	56.2	1.8	7.0	--	26.9	1601	284	62.3	77.1	--	
Shamrock	61.3	94.0	34.4	19.2	55.9	0.8	6.0	3.7	25.1	1712	265	63.7	75.3	58.2	
MEAN	56.6	90.5	35.6	19.1	53.7	2.2	6.1	--	25.5	1767	259.6	64	73.9	--	
C.V. (%)	1.5	1.7	6.9	12.1	13.5	53.6	11.0	--	2.4	3.3	3.2	1.0	8.0	--	
LSD 0.10	0.8	1.4	2.2	2.1	6.6	1.1	0.6	--	0.7	53	7.6	0.6	5.3	--	
LSD 0.05	1.2	2.1	3.4	3.2	10.1	1.6	0.9	--	0.8	81	11.6	0.9	8.2	--	

**Planting Date = May 1 ; Harvest Date = August 11 ; Previous Crop = Spring Wheat**

<sup>1</sup> Harvest Index: Plant height at time of harvest relative to plant height at end of bloom.

<sup>2</sup> Harvest Ease scores: 0 = all plants upright ~ very easy harvest, to 9 = all plants flat ~ very difficult to harvest direct.

\* Crop development notes, equate to days from planting.