

**NDSU Carrington Research Extension Center  
2017 Variety Trial Data**

<b>Field Pea - Organic</b>	<b>Carrington</b>
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Variety	Plant Stand sq ft	Days to Bloom	Bloom Duration	Days to PM	Plant Height 1 <sup>1</sup> inch	Plant Height 2 <sup>1</sup> inch	Plant Height 3 <sup>1</sup> inch	Plant Lodge 0-9	Seeds/ lb	Test Weight lb/bu	Seed Protein %	--- Seed Yield ---	
												2017 ----- bu/ac -----	3-yr. Avg.
<b>Yellow cotyledon type</b>													
Banjo	8.1	50.7	16.3	82.3	36.0	33.5	32.2	0.3	2219	63.0	26.3	46.8	--
Fiddle	8.7	50.7	17.0	86.0	31.6	29.9	31.0	0.0	2149	63.0	26.9	42.2	--
DS Admiral	10.1	49.7	14.7	80.3	30.4	30.2	28.2	0.0	2017	62.9	24.7	42.7	34.5
Nette 2010	9.9	47.0	16.7	78.0	29.8	27.7	25.7	0.0	2253	62.4	23.5	46.1	39.9
Agassiz	8.8	48.7	19.0	79.3	31.1	28.9	25.7	0.0	2109	62.3	24.9	47.6	37.6
Spider	8.3	49.7	18.0	83.0	34.0	30.6	29.0	1.7	2158	63.1	26.2	46.1	--
PUSA 1604	9.6	47.0	16.0	79.0	32.8	29.7	29.0	0.3	2037	61.2	26.0	50.7	--
G161528	11.6	56.0	12.7	85.0	35.8	35.7	33.7	0.0	2481	63.3	25.8	43.3	--
G161529	10.4	57.0	11.3	87.0	35.3	34.6	31.4	0.3	2449	62.9	26.5	40.5	--
PUSA 1701	9.9	46.0	18.0	79.0	30.6	31.2	28.6	0.0	1820	62.0	25.4	49.8	--
PUSA 1703	10.3	49.0	16.0	81.3	38.3	36.0	34.1	0.7	1876	62.0	26.3	49.1	--
PUSA 1705	10.3	50.3	16.3	82.3	39.0	32.2	30.7	0.3	1652	62.5	27.2	53.1	--
PUSA 1707	10.4	46.3	17.0	80.7	33.5	34.0	32.8	0.0	1635	63.0	24.8	48.4	--
<b>Green cotyledon type</b>													
Flute	8.9	53.3	14.3	85.7	35.3	33.6	31.4	0.0	2469	63.3	25.4	43.8	--
Matrix	7.3	56.0	9.3	83.7	27.6	25.5	24.8	0.0	1837	62.9	23.7	42.2	--
LG Koda	6.8	54.0	12.3	84.0	28.5	30.1	27.8	0.0	2146	63.6	23.6	38.2	--
Cruiser	8.5	48.0	18.3	79.7	31.5	28.0	28.3	0.0	2373	62.1	23.8	41.7	30.3
CDC Striker	9.4	49.3	15.7	79.7	27.4	23.4	24.0	0.0	2306	62.2	24.8	47.2	37.2
Arcadia	9.4	49.0	16.0	80.3	26.0	24.7	24.7	1.0	2335	62.1	25.0	47.6	--
PUSA 1723	9.6	50.3	14.0	83.3	32.4	31.1	27.2	0.0	1767	63.2	25.6	52.0	--
Mean	9.3	50.4	15.5	82.0	32.3	30.5	29.0	0.2	2104	62.7	25.3	45.9	--
C.V. (%)	11.7	0.9	5.8	1.3	6.2	7.0	10.3	262.6	3.9	0.7	2.3	9.6	--
LSD 0.10	1.5	0.6	1.2	1.4	2.8	2.9	4.1	0.8	113	0.6	0.8	6.1	--
LSD 0.05	1.8	0.8	1.5	1.7	3.3	3.5	4.9	1.0	136	0.8	1.0	7.3	--

**Planting Date = May 2; Harvest Date = August 1; Previous Crop = Einkorn**

<sup>1</sup> Height 1 taken @ end bloom; Height 2 taken @ PM; Height 3 taken @ harvest