

**NDSU Carrington Research Extension Center
2016 Variety Trial Data**

Field Pea - Organic													Carrington	
Variety	Plant Stand sq ft	Days to Bloom	Bloom Duration days	Days to PM	Plant Height 1 ¹ inch	Plant Height 2 ¹ inch	Plant Height 3 ¹ inch	Plant Lodge 0-9	TKW gram	Seeds per lb	Test Weight lb/bu	Seed Protein %	---- Seed Yield ---- 3-yr. ----- bu/ac -----	
													2016	Avg.
PUSAEXP 312	9.3	48.7	11.3	83.3	28.3	23.9	23.2	0.3	212.3	2139.5	61.2	26.7	26.4	47.5
PUSAEXP 512	8.0	47.0	12.0	73.7	20.1	18.6	16.8	2.0	208.5	2177.9	60.2	26.7	25.0	45.0
PUSA 0414	8.9	47.3	13.3	74.0	20.7	17.4	16.0	4.0	230.2	1972.2	59.8	26.5	34.0	49.2
PUSA 0814	9.2	49.7	11.0	82.0	26.2	23.4	20.8	0.7	200.5	2265.5	60.4	26.9	30.1	49.7
PUSA 0114	7.4	52.3	9.7	83.7	24.9	19.4	18.6	1.7	185.8	2444.0	61.1	26.2	24.1	46.4
PUSAEXP 315	8.9	48.7	12.3	81.3	21.9	18.2	17.1	1.7	177.3	2567.1	60.6	28.0	30.2	--
PUSA 1604	10.1	46.7	13.0	77.3	24.1	16.9	15.8	3.3	218.9	2076.0	59.7	26.9	40.6	--
PUSA 1616	10.1	47.0	12.0	74.3	24.4	10.8	7.8	8.3	223.6	2030.7	59.0	28.2	36.3	--
PUSA 1618	7.7	53.0	8.0	84.3	26.2	18.1	17.6	2.7	220.7	2057.6	60.6	27.1	33.2	--
PUSA 1630	9.8	50.0	10.3	79.3	24.4	20.9	20.0	1.3	225.6	2013.4	61.0	26.2	37.1	--
Matrix	9.2	54.0	5.3	85.0	20.5	17.6	15.9	3.0	234.8	1935.6	60.7	26.2	28.7	--
Nette	7.7	47.7	11.7	73.3	21.5	18.1	17.1	1.0	211.3	2149.1	60.6	25.0	32.9	50.3
DS Admiral	7.3	48.7	9.7	75.7	23.2	19.8	18.3	1.0	217.9	2084.4	60.7	26.0	24.2	39.7
Agassiz	6.9	50.0	12.0	81.0	22.8	18.0	19.1	1.7	198.1	2292.2	59.6	27.6	28.6	45.0
Spider	2.9	51.0	12.3	86.0	22.3	19.2	17.6	2.0	218.5	2077.9	60.9	26.9	14.5	--
CDC Striker	7.3	49.3	10.0	77.3	21.1	13.4	10.0	8.3	193.4	2348.0	59.3	26.4	30.7	39.8
Cruiser	6.4	49.0	12.7	75.3	20.5	17.4	14.9	6.0	190.6	2382.6	59.4	26.0	28.5	37.3
Arcadia	8.2	49.3	11.3	77.0	19.4	11.1	8.2	8.7	196.1	2315.5	58.8	26.3	31.5	--
Mean	8.1	49.4	11.0	79.1	22.9	17.9	16.4	3.2	209.0	2185	60.2	26.7	29.8	--
C.V. (%)	10.7	1.4	9.0	2.0	8.5	8.0	14.1	25.7	2.7	2.8	0.7	1.5	17.3	--
LSD 0.10	1.2	0.9	1.4	2.2	2.7	2.0	3.2	1.1	7.8	85	0.6	0.6	7.1	
LSD 0.05	1.4	1.1	1.6	2.7	3.2	2.4	3.8	1.4	9.3	102	0.7	0.7	8.6	--

Planting Date = April 29; Harvest Date = July 25; Previous Crop = Einkorn

This trial received hail damage on July 9.

¹ Plant height 1 taken at end bloom, Plant height 2 taken at PM, Plant height 3 taken at harvest.