

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

Field Pea - Organic	Carrington
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Variety	Days to Bloom	Bloom Duration	Days to PM	Canopy Ht at Harvest inch	Plant Lodge 0-9	1000 KWT gram	Seed Protein %	Test Weight lb/bu	----- Seed Yield -----	
									2019 bu/ac	3-yr. Avg.
Yellow cotyledon type										
Agassiz	53.3	13.3	82.8	27.6	1.0	224.7	24.3	63.6	52.4	49.0
Spider	54.5	13.8	85.8	24.0	3.0	236.0	26.1	64.2	45.7	44.3
DS Admiral	53.5	10.8	80.5	28.1	1.8	215.6	23.2	64.0	44.9	43.3
PUSA 1904	55.0	13.3	86.0	28.5	2.8	265.9	24.8	64.3	44.3	--
PUSA 1909	51.3	12.8	79.0	22.7	3.0	243.5	24.5	63.7	48.7	--
PUSA 1914	54.5	12.8	86.0	30.3	0.0	206.5	27.0	62.9	42.7	--
PUSA 1919	55.5	11.5	87.3	32.6	1.3	242.6	26.8	62.1	46.4	--
PUSA 1926	53.0	12.0	84.5	25.0	3.0	252.1	23.7	64.4	44.2	--
G 161526	56.0	10.3	84.8	31.7	1.5	220.5	26.2	63.4	44.6	--
G 161527	56.8	9.3	85.8	26.5	2.8	224.3	26.6	63.2	45.4	--
Protecta	54.0	11.3	86.3	9.2	9.0	239.5	27.5	62.9	46.9	--
Nette 2010	52.5	10.0	80.5	27.4	0.3	219.9	23.1	64.7	45.9	48.4
AAC Profit	56.5	12.8	87.0	26.7	3.3	231.9	26.2	62.4	57.4	--
Green cotyledon type										
Shamrock	57.0	9.5	86.0	15.9	6.8	245.8	24.2	64.2	57.5	--
Viper	53.0	9.5	83.5	28.9	0.8	212.8	25.5	62.6	41.5	--
Arcadia	53.8	10.8	83.3	22.7	3.8	203.7	24.4	63.2	50.8	46.9
Cruiser	53.8	13.0	83.0	24.1	3.8	181.9	25.2	63.2	46.5	43.7
CDC Striker	56.3	8.3	83.5	27.6	1.8	232.4	26.0	64.8	48.7	48.0
Majoret	55.3	9.0	84.5	26.1	1.3	232.6	25.7	64.8	43.7	--
Bluemoon	58.3	6.5	85.3	28.2	2.5	223.4	24.7	64.3	38.7	--
Flute	56.8	12.8	87.8	31.5	0.8	210.2	25.4	63.7	40.1	45.5
Mean	54.7	11.1	84.3	26.0	2.5	226.3	25.2	63.7	46.5	--
C.V. (%)	1.3	10.2	1.4	16.4	78.3	4.0	2.6	0.8	10.8	--
LSD 0.10	0.8	1.3	1.4	5.0	2.3	10.7	0.8	0.6	5.9	--
LSD 0.05	1.0	1.6	1.7	6.0	2.7	12.8	0.9	0.7	7.1	--

Planting Date = May 6; Harvest Date = August 7; Previous Crop = Cover Crop (sorghum sudangrass, sudangrass, cowpea, soybean, crimson clover & turnip)