

NDSU Carrington Research Extension Center 2020 Variety Trial Data

Field Pea - Organic	Carrington
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Variety	Days to Bloom	Bloom Duration	Days to PM	Plant Height inch	Plant Lodge 0-9	1000 KWT gram	Seeds/ Pound	Seed Protein %	Test Weight lb/bu	----- Seed Yield ----- 2020 bu/ac	3-yr. Avg. -----
Yellow Cotyledon Type											
Flute	47.0	6.0	73.8	22.8	0.3	218	2087	22.6	63.8	30.4	41.1
PUSA 1919	47.0	5.3	75.3	23.6	0.5	246	1843	24.7	62.6	23.3	--
PUSA 20P1	43.5	6.8	70.0	20.3	0.3	235	1930	21.3	63.6	25.0	--
PUSA 20P2	46.8	4.3	69.5	20.7	0.3	206	2208	20.9	63.5	28.5	--
PUSA 20P3	46.3	5.8	70.5	20.3	0.3	210	2166	20.9	63.2	28.6	--
Salamanca	45.3	6.3	70.5	21.5	0.5	249	1827	23.5	63.0	25.2	--
Hyline	47.0	6.5	71.8	18.1	0.8	238	1911	21.6	63.2	30.0	--
Cronos	44.0	5.8	70.0	18.7	0.0	264	1721	23.3	62.2	12.2	--
AAC Chrome	47.3	5.3	74.5	16.1	0.0	244	1883	22.2	63.1	29.4	--
Agassiz	45.0	7.8	72.3	21.3	0.3	238	1909	21.6	63.1	32.0	43.8
DS Admiral	45.0	6.0	69.8	19.1	0.3	234	1942	21.7	63.0	26.0	37.8
Durwood	45.3	5.5	72.3	22.0	0.3	241	1884	23.9	63.3	20.5	--
CDC Amarillo	47.0	5.8	75.0	21.7	0.5	234	1938	23.1	63.3	33.6	--
ND Dawn	46.5	5.0	71.3	18.3	0.3	237	1916	21.0	62.9	31.4	--
Protecta	46.5	4.5	71.8	19.5	0.3	268	1693	23.3	63.5	35.4	--
Nette 2010	44.8	6.0	69.0	18.7	0.3	220	2074	21.9	63.7	24.9	41.3
AAC Asher	47.0	5.0	75.0	16.7	0.3	270	1685	22.4	62.5	24.8	--
AAC Profit	47.0	7.8	72.5	20.3	0.0	240	1896	22.5	63.5	29.8	--
Green Cotyledon Type											
Arcadia	46.3	4.0	68.5	15.7	0.3	210	2163	21.7	63.2	24.4	39.2
Cruiser	42.5	9.3	67.8	20.3	0.5	233	1949	21.5	62.9	18.7	36.0
CDC Striker	45.5	5.8	69.5	16.9	0.0	208	2180	22.1	63.4	26.6	41.1
Aragron	44.0	6.0	67.8	17.1	0.8	197	2309	21.8	62.0	23.1	--
Greenwood	45.5	5.5	69.3	16.3	0.0	202	2248	20.9	63.9	19.6	--
Shamrock	47.0	6.0	74.0	21.3	0.3	234	1947	22.6	63.6	21.2	40.8
Mean	45.9	6.0	71.5	19.7	0.3	231	1982	22.2	63.2	26.3	--
C.V. (%)	1.3	21.5	1.8	9.6	155.5	3.7	3.8	2.2	0.5	12.0	--
LSD 0.10	0.7	1.5	1.5	2.2	0.6	2.5	89	0.6	0.4	3.7	--
LSD 0.05	0.9	1.8	1.8	2.7	0.7	3.0	107	0.7	0.4	4.5	--

Planting Date = May 12; Harvest Date = August 30; Previous Crop = Spring Wheat