

NDSU Carrington Research Extension Center
2019 Variety Trial Data

Field Pea - No-till	Carrington
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Variety	Days to Bloom	Bloom Duration	Days to PM	Plant Ht		Harvest Ease ¹	Seeds/ Pound	1000 KWT	Seed Protein %	Test Weight lb/bu	Seed Yield bu/ac
				at Harvest inch	Plant Lodge 0 to 9						
Green Cotyledon											
AAC Comfort	61.0	11.3	96.3	26.6	2.8	6.8	1633	278	25.4	64.2	64.1
CDC Greenwater	59.8	13.3	95.5	30.7	3.0	6.0	1737	261	24.8	65.0	65.3
Empire	58.3	14.5	95.3	35.8	2.3	4.8	1838	247	25.2	65.5	61.7
Hampton	58.8	12.5	94.0	20.5	8.0	9.0	1963	231	27.3	63.8	51.4
LG Koda	59.0	13.3	93.8	25.4	3.3	7.5	1944	234	23.6	65.7	62.7
Shamrock	59.8	11.5	93.5	27.6	2.3	5.8	1795	253	25.9	64.9	59.9
Viper	56.8	12.5	93.8	24.3	3.0	5.3	1788	254	28.7	63.9	47.5
Yellow Cotyledon											
AA Carver	56.5	15.0	92.5	29.9	2.8	5.3	1765	258	23.9	64.3	69.3
AAC Asher	57.8	14.0	93.0	21.7	3.5	8.3	1636	278	26.1	64.3	64.1
AAC Chrome	58.0	13.3	94.5	25.6	3.0	7.5	1700	267	24.6	64.7	67.3
AAC Profit	59.8	12.8	95.0	29.9	2.5	7.0	1876	242	26.3	64.8	73.5
AC Earlystar	58.0	14.5	93.3	30.1	3.8	7.0	1931	235	24.2	65.0	63.1
Agassiz	57.8	15.0	94.0	28.6	3.5	6.3	1869	243	25.9	64.6	66.2
Bridger	56.3	15.0	91.5	25.3	2.0	5.8	1887	241	25.7	64.5	56.7
CDC Dakota	60.0	12.5	94.3	29.3	3.3	6.5	1987	229	26.5	65.2	72.3
CDC Inca	58.5	15.0	94.5	28.0	3.8	5.5	1986	229	25.3	65.1	72.9
CDC Spectrum	58.0	12.8	95.3	29.1	2.8	6.5	1712	266	26.1	63.7	60.6
DL Apollo	57.8	13.0	91.3	27.2	1.5	4.8	1923	237	26.7	65.0	65.9
Durwood	58.5	13.8	94.8	29.5	2.5	4.8	1759	258	25.9	65.0	68.3
Hyline	58.3	14.3	93.8	22.8	3.8	8.8	1706	266	25.4	64.4	67.2
Jetset	56.0	13.3	89.8	28.1	3.0	7.0	1779	256	26.8	64.2	58.1
Korando	55.5	16.3	94.5	28.2	2.5	5.8	1519	299	28.3	64.4	57.9
LG Amigo	56.8	12.0	90.3	22.6	2.3	6.5	1857	245	27.7	64.0	48.5
LG Sunrise	57.5	14.8	95.3	30.7	3.0	5.5	1845	246	24.4	65.0	68.0
LGPN 4915	56.3	14.8	92.5	25.8	2.3	3.8	1987	229	29.4	64.5	53.6
Majestic	58.5	12.0	95.0	31.5	2.0	3.5	1682	271	26.9	63.3	59.8
Navarro	54.0	16.0	92.8	25.2	3.5	5.8	1543	294	26.9	64.4	57.9
Nette 2010	57.0	13.8	93.3	26.0	2.5	6.5	1794	254	26.1	65.1	57.6
Salamanca	59.3	12.3	93.5	29.0	2.3	5.0	1656	275	28.1	65.0	63.5
Spider	58.3	14.0	94.3	26.5	2.8	6.8	1792	254	27.2	65.3	55.7
SW Midas	57.8	13.5	90.3	23.0	2.8	7.3	2015	225	25.8	64.5	52.5
MEAN	57.9	13.6	93.5	27.2	3.0	6.2	1803	254	26.1	64.6	61.7
C.V. (%)	1.2	5.9	1.0	10.2	27.4	13.1	3.7	3.5	2.3	0.6	10.2
LSD 0.10	0.8	1.0	1.1	3.2	1.0	1.0	78	10	0.7	0.5	7.4
LSD 0.05	1.0	1.1	1.3	3.9	1.1	1.2	93	13	0.8	0.6	8.8

Planting Date = May 3 ; Harvest Date = August 19 ; Previous Crop = Durum and Barley (within replicates)

¹ Harvest Ease scores; 0 = all plants upright ~ very easy harvest, to 9 = all plants flat ~ very difficult to harvest direct.