

**NDSU Carrington Research Extension Center
2015 Variety Trial Data**

Field Pea

Carrington (Page 1 of 3)

Variety	Plant Disease	Days to Bloom ¹	Bloom Duration ¹	Days to PM ¹	Vine Length	Canopy Ht at Harvest	Height Index ²	--- Harvest Ease ³ ---		Seed Protein	Seeds/ 1000 Pound	1000 Test Weight	---- Seed Yield ----		
								2015	3-yr. Avg.				2015	3-yr. Avg.	
					inch	inch	%	----- 0-9 -----	%	gram	lb/bu	----- bu/ac -----			
Yellow Cotyledon Type															
Agassiz	0.0	62.5	15.0	98.8	33.5	15.5	45.9	5.3	4.5	24.8	1865	244	62.2	80.6	75.0
DS Admiral	0.5	61.8	13.0	96.3	32.4	19.0	58.3	3.8	3.4	24.8	1754	259	62.6	85.2	67.2
CDC Meadow	0.3	60.5	16.8	95.5	32.5	17.1	52.7	5.3	4.5	24.4	2029	224	62.6	83.2	70.9
CM3404	1.8	65.0	8.5	98.8	35.5	18.6	52.1	3.8	3.9	25.3	1555	296	62.9	70.2	71.0
LN4228	2.0	58.3	15.3	96.0	30.6	20.3	66.2	3.5	3.9	25.9	1631	278	62.9	73.5	69.7
LN4236	2.0	62.0	13.8	96.8	28.5	16.1	57.0	5.8	--	26.1	1677	271	62.6	78.4	--
LGPN4244	2.3	60.8	10.3	95.0	29.6	19.6	66.5	4.5	--	25.2	1762	258	62.2	78.2	--
LGPN4901	2.3	65.0	12.5	98.5	37.6	18.7	50.2	4.0	--	23.8	1917	237	62.6	74.8	--
LGPN4902	1.3	62.3	11.3	97.0	32.4	17.1	52.6	4.0	--	24.7	1795	254	62.5	77.6	--
LGPN4903	1.5	59.5	16.8	97.8	34.4	22.9	67.7	2.8	--	24.1	1858	244	62.5	75.8	--
LGPN4243	1.5	60.0	13.3	95.5	30.0	18.5	62.2	4.8	--	24.9	1584	287	62.5	75.2	--
CM1609	0.3	66.5	6.3	100.5	36.4	23.1	63.9	2.5	3.5	24.8	1514	300	62.4	69.0	66.8
CDC Saffron	1.3	63.8	10.8	98.0	31.3	24.3	78.4	3.0	--	25.2	1780	255	62.7	75.0	--
CDC Amarillo	0.5	65.0	12.0	99.5	35.9	23.1	64.3	3.0	--	24.6	1762	258	61.9	88.6	--
Abarth	1.5	59.0	13.3	95.3	30.2	19.2	63.9	4.8	4.4	23.9	1660	274	61.7	82.9	75.8
Nette	2.5	58.5	11.5	92.3	26.9	18.0	67.5	3.3	3.7	24.4	1833	248	62.6	73.0	68.1
SW Midas	2.3	62.0	12.8	95.8	28.8	14.7	50.7	5.8	4.1	24.6	2033	223	62.2	72.9	69.1
Korando	2.7	56.3	14.0	96.3	27.8	14.7	53.0	6.0	4.4	27.6	1572	289	61.7	62.2	64.5
Mystique	1.8	63.3	13.7	99.0	36.8	20.1	54.4	3.0	4.3	24.8	1675	271	62.4	74.9	68.3
Durwood	2.5	61.0	11.0	96.5	33.5	23.1	69.7	2.3	--	25.7	1751	259	62.8	72.4	--
PUSA 11001	1.8	51.8	18.0	91.5	29.9	17.8	60.1	5.0	--	26.8	1884	241	61.2	70.1	--
PUSA 0214	1.3	62.0	15.3	101.3	34.4	18.2	53.1	4.5	--	26.6	1627	279	61.3	75.6	--
PUSA 0014	3.3	60.3	11.0	92.8	30.3	16.8	55.1	4.8	--	24.6	1693	268	62.3	75.4	--
MEAN	1.6	61.4	12.5	96.4	31.3	17.9	57.2	4.7	--	25.2	1775	258	62.4	74.8	--
C.V. (%)	46.1	1.6	13.2	1.5	8.0	18.0	19.0	23.2	--	2.5	3.1	3.2	0.7	6.2	--
LSD 0.10	0.8	1.1	1.9	1.7	2.9	3.7	12.7	1.3	--	0.7	63	10	0.5	5.4	--
LSD 0.05	1.0	1.3	2.3	2.0	3.5	4.5	15.1	1.5	--	0.9	76	11	0.6	6.4	--

Planting Date = April 17 ; Harvest Date = July 29 ; Previous Crop = Durum

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Field Pea **Carrington (Page 2 of 3)**

Variety	Plant Disease	Days to Bloom ¹	Bloom Duration ¹	Days to PM ¹	Vine Length	Canopy Ht at Harvest	Height Index ²	--- Harvest Ease ³ ---		Seed Protein	Seeds/ 1000 Pound	1000 Test Weight	---- Seed Yield ----		
								2015	3-yr. Avg.				2015	3-yr. Avg.	
					inch	inch	%	----- 0-9 -----	%	gram	lb/bu	----- bu/ac -----			
Yellow Cotyledon Type															
PUSA 0514	3.5	62.8	7.8	94.5	30.9	21.9	71.5	3.3	--	25.7	1630	279	61.7	68.2	--
PUSA 0614	3.0	58.3	12.5	93.3	32.4	20.1	62.2	4.0	--	27.4	1807	252	62.2	73.7	--
PUSA 0714	3.0	63.5	11.0	98.3	35.0	22.5	64.4	3.5	--	25.9	1782	255	62.2	74.7	--
PUSA 1114	2.3	58.5	12.3	93.8	29.6	18.6	63.5	4.3	--	23.7	1594	285	63.7	74.8	--
Earlstar	1.0	61.0	16.0	94.5	32.0	17.5	55.1	4.8	--	23.5	1966	231	62.5	78.2	--
AAC Carver	1.0	63.3	11.5	95.5	35.4	19.3	54.8	4.0	--	23.7	1767	257	62.5	83.9	--
Jetset	1.8	62.8	15.3	99.5	31.4	13.0	41.2	6.5	--	25.3	1813	250	62.1	78.7	--
Hyline	1.8	62.8	14.3	97.5	29.6	13.8	46.8	6.3	--	24.3	1760	258	62.5	73.2	--
Gunner	1.5	61.8	14.8	99.0	34.4	15.6	45.5	5.3	4.7	25.3	1841	247	62.4	76.5	69.9
Bridger	2.0	59.3	14.0	94.5	31.7	24.8	78.3	2.8	3.5	26.0	1853	245	63.2	76.5	70.0
Salamanca	0.8	63.8	10.3	96.0	34.3	20.4	59.9	4.0	3.9	27.2	1681	270	62.5	77.4	70.4
Spider	1.8	61.5	14.5	98.8	30.8	17.1	55.6	4.8	4.1	25.7	1684	270	62.8	70.5	68.1
Navarro	3.0	55.5	16.5	93.0	26.6	15.1	56.8	6.3	4.6	26.6	1562	291	61.9	69.7	66.2
Vegas	2.3	62.0	10.0	95.5	32.6	21.7	66.4	2.8	3.5	26.2	1806	251	62.5	72.4	68.6
PP-0667	1.0	61.8	14.8	95.3	31.1	18.3	58.6	4.5	--	24.1	1958	232	62.9	76.1	--
PP-0555	1.0	61.3	16.0	95.8	32.9	14.6	43.9	5.8	--	24.4	2002	227	62.3	78.0	--
Exp-PP-0006	1.0	66.0	11.3	101.5	34.3	25.5	74.6	2.0	--	27.1	1758	258	62.1	69.1	--
Gambit	1.5	65.0	10.5	98.0	33.2	16.5	50.1	5.8	--	25.6	1522	298	62.0	71.1	--
Green Cotyledon Type															
Majoret	0.5	63.3	10.0	97.8	30.6	17.0	55.7	5.3	4.9	26.9	1801	252	62.7	76.2	68.6
Cruiser	1.3	60.0	15.8	94.0	31.7	11.4	35.7	7.0	5.3	25.8	2057	221	62.0	71.4	63.9
CDC Striker	0.3	59.8	12.8	96.8	28.9	11.5	38.9	7.3	5.6	24.6	1999	227	62.1	77.7	70.0
LGPN1902	1.8	61.3	12.0	94.5	26.7	20.0	75.0	4.5	--	25.2	1713	265	62.9	68.3	--
MEAN	1.6	61.4	12.5	96.4	31.3	17.9	57.2	4.7	--	25.2	1775	258	62.4	74.8	--
C.V. (%)	46.1	1.6	13.2	1.5	8.0	18.0	19.0	23.2	--	2.5	3.1	3.2	0.7	6.2	--
LSD 0.10	0.8	1.1	1.9	1.7	2.9	3.7	12.7	1.3	--	0.7	63	10	0.5	5.4	--
LSD 0.05	1.0	1.3	2.3	2.0	3.5	4.5	15.1	1.5	--	0.9	76	11	0.6	6.4	--

Planting Date = April 17 ; Harvest Date = July 29 ; Previous Crop = Durum

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Field Pea

Carrington (Page 3 of 3)

Variety	Plant Disease	Days to Bloom ¹	Bloom Duration ¹	Days to PM ¹	Vine Length	Canopy Ht at Harvest	Height Index ²	--- Harvest Ease ³ ---		Seed Protein	Seeds/ 1000 Pound	1000 Test Weight	---- Seed Yield ----		
								2015	3-yr. Avg.				2015	3-yr. Avg.	
		0 to 3			inch	inch	%	----- 0-9 -----	%		gram	lb/bu	----- bu/ac -----		
Green Cotyledon Type															
PST13	0.3	64.0	5.3	96.3	31.1	20.6	65.9	4.0	--	25.1	1517	299	63.7	84.2	--
Viper	1.5	58.5	9.5	93.0	29.6	17.3	58.5	4.8	--	26.4	1756	259	61.8	72.7	--
Matrix	1.0	66.3	7.3	100.0	26.9	16.1	61.3	6.0	4.6	24.2	1457	312	62.5	83.8	73.3
Arcadia	1.3	62.3	11.0	97.0	26.5	10.0	39.7	7.5	4.9	24.9	1940	235	62.2	74.5	71.5
LN1123	0.5	65.0	9.0	97.0	29.2	14.1	48.2	6.3	4.2	24.0	1790	254	63.3	76.3	73.2
Daytona	1.8	62.0	13.3	99.3	29.4	16.9	58.2	4.8	--	26.3	1645	276	62.3	55.5	--
Greenwood	1.3	60.0	12.8	93.5	29.4	12.0	40.7	7.0	4.9	23.8	1976	230	62.8	77.7	64.7
Ginny	0.3	61.5	15.0	99.8	29.7	12.9	43.4	6.8	--	25.5	2000	227	62.9	66.1	--
Bluemoon	1.0	60.3	9.5	95.3	28.5	15.9	56.5	5.5	4.6	24.4	1700	267	62.2	79.4	72.4
Aragorn	3.0	58.0	12.5	90.5	26.4	9.7	37.4	8.0	5.6	26.4	2007	226	60.9	66.0	59.2
MEAN	1.6	61.4	12.5	96.4	31.3	17.9	57.2	4.7	--	25.2	1775	258	62.4	74.8	--
C.V. (%)	46.1	1.6	13.2	1.5	8.0	18.0	19.0	23.2	--	2.5	3.1	3.2	0.7	6.2	--
LSD 0.10	0.8	1.1	1.9	1.7	2.9	3.7	12.7	1.3	--	0.7	63	10	0.5	5.4	--
LSD 0.05	1.0	1.3	2.3	2.0	3.5	4.5	15.1	1.5	--	0.9	76	11	0.6	6.4	--

Planting Date = April 17 ; Harvest Date = July 29 ; Previous Crop = Durum

¹ Crop development notes, equate to days from planting.

² Height Index: Plant height at time of harvest relative to plant height at end of bloom.

³ Harvest Ease scores: 0 = all plants upright ~ very easy harvest, to 9 = all plants flat ~ very difficult to harvest direct.