

**NDSU Carrington Research Extension Center
2022 Variety Trial Data**

Field Pea **Carrington (Page 1 of 2)**

Variety	Brand	Days to Flower	Bloom Duration	Days to Maturity	Canopy Height at Harvest	Lodging at Maturity	--- Harvest Ease ---		Protein	KWT	Seeds/ Pound	Test Weight	----- Yield -----	
							2022	3-yr. Avg.					2022	3-yr. Avg.
		days	days	days	inches	0-9	0 - 9	%	g/1000		lb/bu	bu/a		
Yellow Cotyledon Type														
DS Admiral	Pulse USA	49.3	8.5	77.0	22.3	3.0	3.5	3.5	24.7	225.8	2014	63.6	45.4	34.0
Agassiz	Meridian Seeds	46.8	11.8	78.3	18.3	5.5	6.3	5.4	23.9	255.3	1782	62.9	42.9	34.9
CDC Amarillo	Meridian Seeds	51.0	6.5	78.0	20.3	4.5	4.8	3.6	24.5	238.6	1904	62.8	41.8	36.3
ND Dawn	NDSU	48.5	8.0	76.8	18.5	5.5	6.0	4.7	23.1	239.2	1901	62.6	38.8	30.9
EP_2311B1	Equinom	46.0	12.5	78.8	17.3	6.3	6.5		26.5	222.5	2058	63.2	34.4	--
EP_6301S3	Equinom	50.0	8.5	80.5	19.1	3.8	4.8		27.9	192.4	2364	61.8	29.5	--
EP_1401S42	Equinom	50.8	6.8	79.8	17.6	7.3	8.0		25.7	201.2	2259	62.9	34.0	--
EP_8971	Equinom	47.8	9.8	80.8	16.8	5.8	6.5		27.7	245.4	1851	62.3	25.7	--
CP5222Y	WinField United	45.0	11.5	78.3	16.5	6.5	6.5		26.1	278.5	1639	62.5	36.7	--
CP5244Y	WinField United	44.8	13.8	79.3	17.8	6.5	6.0		25.5	247.4	1840	62.8	35.5	--
AAC Profit	Premier Genetics	50.0	6.8	78.3	14.8	6.5	7.3	5.0	24.0	259.3	1752	63.6	45.2	37.9
AAC Asher	Premier Genetics	48.3	9.0	78.5	15.9	5.5	6.0	4.3	23.1	281.1	1617	63.8	47.8	39.5
CDC Inca	Meridian Seeds	49.8	7.8	75.5	21.9	2.8	3.8	3.2	24.1	226.2	2011	63.8	43.7	37.6
CDC Spectrum	Meridian Seeds	50.3	7.5	79.3	18.4	3.8	4.0	3.0	24.9	238.7	1906	62.7	38.6	35.2
MS GrowPro	Meridian Seeds	48.5	10.5	79.8	20.9	5.0	5.3	4.4	26.7	305.9	1485	62.5	42.5	35.0
MS-22YP6	Meridian Seeds	49.3	9.0	76.5	16.7	6.8	7.5		23.7	212.7	2142	62.8	48.4	--
MS-20Y1	Meridian Seeds	48.5	8.5	76.5	21.2	6.5	7.5		24.4	261.5	1740	62.0	41.0	--
MS-20Y3	Meridian Seeds	49.3	8.0	79.8	19.4	5.8	5.8		25.4	268.3	1699	62.1	37.9	--
PG 2601	Pulse Genetics	48.8	8.8	76.5	17.5	5.3	6.5		23.8	227.0	2000	63.8	40.9	--
Mean		48.2	9.2	78.1	18.2	5.3	5.9	--	24.6	240.4	1922	63.0	39.3	--
C.V. (%)		1.4	11.8	2.1	12.9	16.4	16.9	--	3.7	4.9	5.2	0.7	10.9	--
LSD (0.05)		0.9	1.5	2.3	3.3	1.2	1.4	--	1.3	16.8	139	0.7	6.0	--
LSD (0.10)		0.8	1.3	1.9	2.8	1.0	1.2	--	1.1	14.0	116	0.6	5.1	--

Planting Date = May 16; Harvest Date = August 11; Previous Crop = Flax

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

Variety	Brand	Days to Flower days	Bloom Duration days	Days to Maturity days	Canopy Height at Harvest inches	Lodging at Maturity 0-9	--- Harvest Ease ---		Protein %	KWT g/1000	Seeds/ Pound	Test Weight lb/bu	----- Yield -----	
							2022	3-yr. Avg.					2022	3-yr. Avg.
Yellow Cotyledon Type														
PG 3308	Pulse Genetics	48.0	8.5	77.0	16.9	5.0	6.0		22.8	226.7	2006	62.5	46.4	--
PG 4529	Pulse Genetics	45.8	9.8	73.5	20.0	3.0	4.0		23.4	217.3	2092	64.0	39.4	--
DL Apollo	PulseUSA	46.8	10.3	78.0	18.8	4.3	5.3	4.4	24.4	224.5	2032	63.1	39.0	29.5
LG Stunner	PulseUSA	45.8	11.8	79.8	17.8	5.0	5.5		27.4	210.8	2159	62.7	30.2	--
Durwood	PulseUSA	48.3	8.3	77.3	19.5	4.3	4.3	3.7	24.7	247.0	1842	63.1	37.3	30.6
Korando	PulseUSA	44.0	13.3	78.8	18.5	6.3	6.8	4.9	25.8	277.0	1641	62.7	37.3	28.1
AAC Chrome	Valesco Genetics	49.5	8.0	79.0	15.0	6.0	7.8	5.2	21.2	251.1	1809	63.4	47.7	37.6
AAC Julius	Valesco Genetics	49.0	8.5	74.5	19.0	3.5	4.5		23.5	218.2	2085	63.6	43.1	--
DLP-22Y1	Pulse USA	49.0	8.8	78.8	17.1	5.8	6.3		24.7	267.7	1699	63.1	46.2	--
DLP-22Y2	Pulse USA	49.5	8.8	79.5	18.9	5.0	5.8		24.4	257.7	1765	63.1	37.9	--
DLP-22Y3	Pulse USA	46.8	11.3	79.5	17.9	5.0	5.8		24.9	278.4	1632	63.0	41.8	--
DLP-22Y4	Pulse USA	47.5	9.8	76.3	18.8	3.5	3.8		24.1	189.8	2393	63.6	40.2	--
DLP-22Y5	Pulse USA	48.5	8.8	78.3	19.7	5.3	5.8		22.1	280.7	1619	63.4	37.3	--
Orchestra	Premier Genetics	46.8	10.3	80.5	17.9	5.8	5.8	4.8	27.4	274.5	1656	62.0	32.9	25.9
Green Cotyledon Type														
CDC Striker	Pulse USA	49.3	6.0	77.3	18.0	5.0	6.0	5.3	23.9	223.7	2030	63.6	37.0	28.8
Aragorn	Pulse USA	45.8	12.0	76.5	17.1	7.5	8.0	6.4	24.3	226.4	2009	61.5	35.0	25.9
Arcadia	Pulse USA	48.0	8.8	77.0	15.9	6.0	7.0	6.1	23.6	216.6	2099	63.4	41.4	33.0
ND Victory	NDSU	51.8	7.8	81.8	17.5	5.3	6.3		24.3	169.5	2690	63.7	32.9	--
Shamrock	Valesco Genetics	50.8	5.8	78.5	14.6	7.0	7.8	5.6	23.3	249.7	1819	63.3	39.5	32.2
Mean		48.2	9.2	78.1	18.2	5.3	5.9	--	24.6	240.4	1922	63.0	39.3	--
C.V. (%)		1.4	11.8	2.1	12.9	16.4	16.9	--	3.7	4.9	5.2	0.7	10.9	--
LSD (0.05)		0.9	1.5	2.3	3.3	1.2	1.4	--	1.3	16.8	139	0.7	6.0	--
LSD (0.10)		0.8	1.3	1.9	2.8	1.0	1.2	--	1.1	14.0	116	0.6	5.1	--

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