

**NDSU Carrington Research Extension Center
2023 Variety Trial Data**

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

Variety	Brand	Days to Flower days	Days to Maturity days	Canopy Height At Harvest inches	---- Harvest Ease ----			1000 KWT gram	Seeds/ Pound	Test Weight lb/bu	----- Yield -----	
					2023	3-yr. Avg.	Protein %				2023	3-yr. Avg.
Yellow Cotyledon Type												
DS Admiral	Pulse USA	41	82	16	6	4.0	27.0	280	1621	63.1	51.8	39.6
Agassiz	Meridian Seeds	44	89	19	4	4.6	26.6	283	1606	64.1	65.2	43.3
CDC Amarillo	Meridian Seeds	45	90	20	2	2.9	26.2	260	1754	64.3	65.6	45.2
ND Dawn	NDSU	43	85	18	6	5.2	25.4	281	1617	62.9	61.9	40.9
AAC Profit	Premier Genetics	46	90	21	5	4.8	26.9	267	1703	64.2	71.9	48.9
EP_6816	Equinom	42	87	21	5	--	27.7	250	1813	63.0	61.2	--
EP_8272	Equinom	43	89	20	5	--	29.5	279	1648	63.6	55.8	--
EP_8971	Equinom	46	91	19	5	4.3	31.5	295	1542	63.6	52.8	33.7
CDC Inca	Meridian Seeds	45	90	20	4	3.1	27.4	267	1697	63.9	70.1	47.2
CDC Spectrum	Meridian Seeds	45	91	20	4	3.3	27.3	277	1640	63.7	61.5	42.2
MS GrowPro	Meridian Seeds	43	90	24	4	3.7	30.4	351	1293	63.5	66.4	45.1
MS Prostar	Meridian Seeds	45	87	18	5	--	27.3	305	1486	63.3	61.5	--
AAC Beyond	Meridian Seeds	44	86	20	5	--	26.2	259	1765	64.3	79.2	--
CP5222Y	CROPLAN	42	89	20	4	--	26.9	318	1430	64.0	66.0	--
CP5244Y	CROPLAN	43	91	19	5	--	26.6	265	1726	64.6	57.9	--
PG 2601	Pulse Genetics	44	85	19	5	4.7	27.1	256	1782	64.3	64.8	42.9
AAC Julius	Valesco Genetics / NDCISA	44	83	20	4	--	26.9	253	1801	63.7	72.4	--
1814	NDCISA	44	90	20	4	--	27.2	318	1426	64.0	66.6	--
Mean		43.5	87.5	19.5	4.6	--	27.3	285.0	1612.0	63.7	62.5	--
C.V. (%)		2.8	4.8	17.6	26.9	--	3.0	5.4	6.3	0.8	14.7	--
LSD (0.05)		1.7	5.9	4.8		--	1.1	21.4	143.3	0.7	12.9	--
LSD (0.10)		1.4	4.9	4.0		--	1.0	17.9	119.9	0.6	10.8	--

Planting Date = May 4; Harvest Date = August 9; Previous Crop = Flax

**NDSU Carrington Research Extension Center
2023 Variety Trial Data**

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

Variety	Brand	Days to Flower days	Days to Maturity days	Canopy Height At Harvest inches	---- Harvest Ease ----			1000 KWT gram	Seeds/ Pound	Test Weight lb/bu	----- Yield -----	
					2023	3-yr. Avg.	Protein %				2023	3-yr. Avg.
Yellow Cotyledon Type												
Orchestra	Premier Genetics	43	90	18	6	4.6	29.8	322	1410	64.0	49.8	34.5
PG Cash	Premier Genetics	43	86	21	5	--	27.9	307	1478	63.4	70.5	--
PSTSPS50	Photosyntech	43	91	21	4	--	29.8	370	1230	62.9	58.8	--
AAC Chrome	Valesco Genetics	44	89	18	5	5.3	24.2	292	1553	64.4	79.5	49.6
5206	Valesco Genetics	44	89	20	4	--	26.3	267	1709	64.5	65.7	--
2822	Valesco Genetics	44	91	24	3	--	27.6	295	1539	63.5	67.3	--
3513	Valesco Genetics	46	91	21	3	--	27.3	298	1525	63.4	65.4	--
Salamanca	Valesco Genetics	43	84	18	5	--	28.3	269	1692	62.7	52.1	--
Hyline	Valesco Genetics	45	86	20	4	--	25.1	298	1523	64.0	66.2	--
Pizzaz	Valesco Genetics	40	82	16	7	--	27.1	346	1312	63.3	50.7	--
Spider	Lafrenz Seed	41	84	18	5	--	28.0	291	1566	63.8	57.8	--
Green Cotyledon Type												
CDC Striker	Pulse USA	44	87	19	5	5.3	29.1	268	1699	64.0	54.4	37.6
Aragorn	Pulse USA	43	84	17	7	6.2	27.4	250	1817	62.5	56.1	37.5
Arcadia	Pulse USA	43	85	15	7	6.3	25.3	252	1801	63.2	51.8	38.5
ND Victory	NDSU	43	92	26	2	--	26.4	210	2057	64.0	65.3	--
PG8318	Premier Genetics	46	91	25	4	--	25.7	272	1667	64.7	72.1	--
Shamrock	Valesco Genetics	46	89	21	3	4.2	27.1	280	1633	64.2	59.4	40.3
Mean		43.5	87.5	19.5	4.6	--	27.3	285.0	1612.0	63.7	62.5	--
C.V. (%)		2.8	4.8	17.6	26.9	--	3.0	5.4	6.3	0.8	14.7	--
LSD (0.05)		1.7	5.9	4.8		--	1.1	21.4	143.3	0.7	12.9	--
LSD (0.10)		1.4	4.9	4.0		--	1.0	17.9	119.9	0.6	10.8	--

Planting Date = May 4; Harvest Date = August 9; Previous Crop = Flax

Harvest Ease: 0 = no lodging; 9 = plants lying flat.