

NDSU Hettinger Research Extension Center

Field Pea - 2015

Hettinger, ND

Variety	Days to Flower	Flower Duration	Days to Mature	Vine Length ¹	Canopy Height ²	Height Index ³	Lodging 0 - 9 ⁵	Seed Protein	1,000 Seed Wt.	Seeds Lb	Test Weight	Seed Yield	
	DAP ⁴	days	DAP ⁴	inches	inches	%		%	gm	seeds	lb/bu	2015	3-Yr. Avg.
Yellow Cotyledon Type													
AAC Carver	70	17	100	41	21	52	6	23.9	236	1922	62.5	61.6	--
Agassiz	70	22	106	36	20	55	6	25.7	219	2068	60.5	50.9	52.1
Bridger	68	18	100	38	22	59	7	25.9	217	2097	61.6	49.2	54.0
CDC Amarillo	71	20	105	40	22	56	6	25.5	237	1917	62.1	57.7	--
CDC Meadow	69	20	104	39	16	41	7	25.1	213	2139	62.3	51.5	52.1
CDC Saffron	70	16	100	37	17	47	7	25.9	254	1785	61.7	58.1	--
CM3404	71	17	102	40	20	50	6	26.0	286	1588	63.1	53.7	--
DS Admiral	68	19	100	41	19	48	7	25.6	229	1985	60.1	57.9	55.8
Earlstar	68	21	102	40	18	45	7	24.0	210	2159	60.2	57.0	--
Gunner	70	19	103	41	20	48	7	25.8	215	2116	60.8	45.5	50.0
Hyline	69	20	103	38	15	39	7	24.7	243	1871	62.6	49.3	--
Jetset	70	21	105	37	18	49	7	25.7	224	2025	59.8	52.8	--
LGPN4243	67	19	100	38	21	54	7	25.8	267	1698	61.9	57.0	--
LGPN4244	69	17	100	38	17	46	7	26.6	244	1866	60.1	57.4	--
LGPN4901	70	20	104	44	18	41	7	25.8	221	2064	61.7	48.2	--
LGPN4902	70	20	104	39	20	51	7	27.0	227	2002	61.5	48.5	--
LGPN4903	71	19	104	45	19	42	7	24.8	216	2099	61.8	54.4	--
LN4228	68	19	100	37	19	51	7	25.0	271	1673	62.2	57.9	--
LN4236	71	17	102	38	20	52	7	25.9	257	1768	61.0	53.6	--
Nette	68	18	100	37	22	60	6	24.9	241	1886	61.8	57.9	54.4
Salamanca	69	18	101	42	20	46	6	26.8	241	1884	62.5	49.0	--
Spider	68	22	104	40	16	39	8	26.2	251	1808	60.0	53.9	--
SW Midas	70	18	102	34	16	46	7	25.3	199	2282	60.1	55.0	52.3
Vegas	70	17	100	39	20	52	7	27.4	224	2027	61.7	50.6	--

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	DAP ⁴	days	DAP ⁴	inches	inches	%	0 - 9 ⁵	%	gm	seeds	lb/bu	2015	3-Yr. Avg.
Green Cotyledon Type													
Bluemoon	67	19	99	40	17	43	7	26.3	230	1971	59.7	56.4	--
CDC Striker	68	18	100	30	14	47	8	25.2	209	2175	60.9	51.4	52.5
Cruiser	70	20	104	37	17	45	7	25.7	202	2242	60.5	47.9	46.4
Daytona	69	16	100	37	17	45	7	25.3	247	1837	59.8	49.3	--
LGPN1902	68	18	100	35	15	42	7	26.9	242	1879	61.7	48.3	--
Majoret	69	17	100	37	17	44	8	26.7	221	2052	61.5	49.2	49.3
Mean	69	19	102	38	18	48	7	25.7	233	1963	61.2	52.9	--
C.V. %	0.7	5.2	0.8	4.5	15.2	15.7	9.4	1.7	3.3	3.3	1.6	8.2	--
LSD 5%	1	1	1	2	4	11	1	0.6	11	92	1.4	6.1	--
LSD 10%	1	1	1	2	3	9	1	0.5	9	77	1.1	5.1	--

¹ Plant height at end of flowering.

² Height to the top of the canopy at harvest.

³ Harvest Index: Calculated as the ratio of canopy height/plant height.

⁴ Days after planting.

⁵ Lodging: 0 = none, 9 = lying flat on ground.

Planting Date: April 15

Harvest Date: August 3

Previous Crop: Durum Wheat