

NDSU Hettinger Research Extension Center

Field Pea - 2016

Hettinger, ND

Variety	Days to Flower	Flower Duration	Days to Mature	Vine Length	Canopy Height	Height Index <sup>1</sup>	Lodging	Seed Protein	1,000 Seed Wt.	Seeds Lb	Test Weight	Seed Yield		
	DAP <sup>2</sup>	days	DAP <sup>2</sup>	inches	inches	%	0 - 9 <sup>3</sup>	%	gm	seeds	lb/bu	2016	2-Yr. Avg.	3-Yr. Avg.
-----bu/a-----														
<b>Yellow Cotyledon Type</b>														
Abarth	61	11	85	18	18	99	5	25.2	239	1898	59.5	18.2	--	--
Agassiz	61	12	87	20	17	89	3	26.5	215	2110	56.3	20.5	35.7	41.4
Bridger	60	12	85	20	18	91	4	26.2	208	2181	60.3	18.5	33.9	42.5
DS Admiral	60	11	86	20	15	73	4	26.3	206	2227	59.9	19.0	38.5	44.1
Durwood	61	12	87	22	15	67	3	26.7	230	1982	58.4	22.2	--	--
Gunner	61	12	87	22	17	76	4	27.0	219	2074	58.9	24.2	34.9	42.1
Hyline	61	12	87	19	15	81	6	25.3	229	1981	58.0	17.5	33.4	--
LGPN4243	60	12	86	19	16	82	5	27.4	238	1912	58.5	18.3	37.7	--
LGPN4244	59	12	85	19	18	97	4	26.2	206	2208	59.3	22.2	39.8	--
LGPN4902	61	12	86	20	18	90	2	26.9	188	2422	59.1	17.8	--	--
LGPN4903	60	12	86	21	18	87	2	25.2	206	2203	58.7	20.5	34.5	--
LGPN4906	60	12	86	19	17	88	4	26.8	203	2242	58.3	18.6	--	--
LGPN4907	60	11	85	19	14	74	6	25.4	266	1710	58.6	19.0	--	--
Mystique	61	12	87	21	18	85	4	26.4	223	2039	59.2	20.3	--	--
Navarro	57	16	87	20	15	77	6	27.3	257	1770	57.8	20.1	--	--
Nette 2010	59	13	86	21	15	71	3	25.4	217	2091	58.4	19.7	38.8	44.8
Pulse USA 0014	60	12	86	22	17	79	3	26.6	220	2064	59.6	19.4	--	--
Pusle USA EXP115	61	11	86	20	20	96	3	27.8	222	2044	61.8	19.6	--	--
Salamanca	60	12	86	21	19	87	4	28.3	241	1883	58.8	20.8	34.9	--
Spider	62	14	90	21	16	77	6	27.5	235	1934	59.0	16.2	35.1	--
SW Midas	61	12	87	17	14	80	5	25.7	202	2247	57.9	15.6	35.3	40.5

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	DAP <sup>2</sup>	days	DAP <sup>2</sup>	inches	inches	%	0 - 9 <sup>3</sup>	%	gm	seeds	lb/bu	2016	2-Yr. Avg.	3-Yr. Avg.
<i>Table continues from previous page</i>														
<b>Green Cotyledon Type</b>														
Arcadia	60	12	86	16	15	92	6	26.5	180	2521	58.8	17.6	--	--
CDC Striker	61	11	86	18	14	82	6	26.3	195	2336	59.2	15.9	33.7	40.2
Cruiser	60	13	87	18	15	81	7	26.3	190	2394	60.1	14.9	31.4	36.4
K2	60	12	86	18	15	87	3	25.9	206	2205	59.9	18.2	--	--
LGPN1903	62	11	87	19	16	84	4	26.9	211	2150	56.0	17.9	--	--
LGPN1904	62	11	87	21	19	92	1	26.4	219	2072	58.6	21.1	--	--
LGPN1905	60	12	86	18	14	77	3	25.7	228	1994	58.8	17.4	--	--
LN1123	62	10	86	20	16	81	3	25.7	212	2145	60.6	20.4	--	--
Pulse USA 0214	61	12	87	20	14	74	5	27.5	243	1871	59.1	18.6	--	--
Viper	60	11	85	20	18	90	5	27.7	222	2044	58.5	17.7	--	--
<b>Marrowfat Type</b>														
Pulse USA 1536	62	11	87	23	17	71	2	29.5	312	1457	57.9	15.7	--	--
Trial Mean	60	12	86	20	16	83	4	26.6	221	2075	58.9	18.9	35.5	41.5
C.V. %	1.1	7.7	0.9	8.1	15.0	13.7	37.2	1.3	3.8	4.0	2.1	14.8	--	--
LSD 5%	0.6	1.3	1.1	2.3	3.4	16.0	2.1	0.5	12	117	1.7	3.9	--	--
LSD 10%	0.5	1.1	1.0	1.9	2.8	13.0	1.7	0.4	10	98	1.4	3.1	--	--

<sup>1</sup> Harvest Index; Plant height at time of harvest relative to plant height at end of bloom.

<sup>2</sup> Days after planting.

<sup>3</sup> Lodging: 0 = none, 9 = lying flat on ground.

Planting Date: April 15

Harvest Date: July 25

Previous Crop: Durum Wheat