

Field Pea Variety Trial								WREC, Williston - 2015			
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Variety	Days to	Days to	Canopy	Lodging	Protein <sup>2</sup>		1000 Seed	Test	Yield <sup>4</sup>		
	Flower	Mature	Height	0-9	%		Weight	Weight <sup>3</sup>	bu/a		
	DAP <sup>1</sup>	DAP <sup>1</sup>	inches		2015	3yr avg	g	lb/bu	2015	2yr avg	3yr avg
<b>Yellow Cotyledon Type</b>											
CM3404	58	87	27	7	24.4	24.6	278	62.4	39.8	44.9	50.9
CDC Meadow	52	84	22	7	26.0	25.3	226	61.5	39.9	46.1	50.8
LN4228	52	86	19	7	26.1	26.6	267	61.0	33.0	44.2	47.9
Agassiz	54	84	19	7	26.3	25.7	242	60.1	36.7	43.8	47.0
DS Admiral	53	83	23	7	26.5	25.7	252	60.9	32.9	42.1	46.3
Bridger	52	87	21	7	27.3	26.7	239	62.0	30.6	38.1	44.4
Nette	52	87	24	7	27.3	25.7	294	62.2	25.7	38.5	44.0
Trapeze	52	86	21	7	27.7	26.5	271	59.7	32.2	38.1	44.2
Mystique	55	87	20	7	28.2	27.2	318	60.9	28.2	35.6	43.6
Abarth	52	87	24	7	26.7	25.5	295	60.6	28.8	37.8	43.2
Korando	51	86	22	7	28.4	27.9	317	61.4	29.4	38.6	42.0
Gunner	54	87	26	7	26.6	25.9	272	61.1	31.4	38.8	41.4
Hyline	54	82	23	7	25.6	-	248	60.9	36.2	41.0	-
LN4236	53	85	19	7	27.7	-	281	60.0	30.5	40.8	-
Durwood	52	86	24	7	26.1	-	262	61.1	34.9	40.6	-
LGPN4901	57	86	25	7	26.6	-	258	61.8	36.2	-	-
LGPN4903	52	85	23	7	25.3	-	260	61.3	35.2	-	-
LGPN4244	52	85	22	7	27.4	-	257	60.2	32.5	-	-
PUSA 0514	54	87	22	7	27.3	-	292	60.2	31.2	-	-
CDC Amarillo	58	87	23	7	26.7	-	252	60.5	30.9	-	-
CDC Saffron	55	85	20	6	26.9	-	268	61.5	30.2	-	-
LGPN4902	52	87	23	6	27.6	-	268	60.6	28.3	-	-
LGPN4243	52	87	21	7	28.4	-	305	61.3	20.1	-	-
<b>Green Cotyledon Type</b>											
LN1123	57	86	21	7	24.3	24.3	271	61.6	34.5	40.6	47.2
CDC Striker	52	85	17	7	24.5	25.1	218	61.0	38.0	41.5	46.7
Arcadia	53	85	18	7	25.3	25.6	231	60.4	34.1	42.2	46.5
Greenwood	52	86	21	7	23.4	22.6	225	61.2	33.7	39.1	44.0
Majoret	54	87	21	7	28.1	27.4	251	61.3	27.7	35.5	41.1
Cruiser	53	87	23	7	26.6	26.0	221	60.6	28.6	37.0	40.8

Aragorn	52	85	20	7	27.5	26.6	231	59.6	29.3	35.4	39.2
Ginny	52	87	22	7	24.7	-	223	61.2	31.9	43.6	-
PUSA 1114	52	87	21	7	26.2	-	279	62.4	32.6	-	-
LGPN1902	53	87	22	7	27.8	-	287	60.4	28.2	-	-
Mean	53.2	85.9	21.7	6.9	26.53	-	262.3	60.98	31.91	-	-
C.V.%	2.1	2.4	12.9	5.0	3.2	-	5.0	1.0	11.8	-	-
LSD 5%	1.5	2.8	3.9	0.5	1.20	-	18.4	0.88	5.31	-	-
LSD 10%	1.3	2.4	3.3	0.4	1.01	-	15.4	0.74	4.44	-	-

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Planted: 5/1/15

Harvested: 8/3/15

Harvested area: 56 ft<sup>2</sup>

Previous crop: spring wheat

Applied fertilizer in lb/a: none, but inoculated with granular inoculant at planting

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: 37P:430K OM-1.9 pH-6.0

Soil test to 24" in lb/a: 78N

Chemical Applications: Valor at 3fl.oz/A (preplant fall applied), Spartan Charge at 2.75fl.oz/A (preplant spring applied), Raptor at 4fl.oz/A with Basagran 6fl.oz/A and Trophy Gold NIS at 1qt/A (6/9)

DAP<sup>1</sup> = Days after planting

Protein<sup>2</sup> = Protein content adjusted to a 0% moisture

Test Weight<sup>3</sup> = Test Weight content adjusted to 13.5% moisture

Yield<sup>4</sup> = Yield content adjusted to 13.5% moisture