

**NDSU Langdon Research Extension Center  
2010 Variety Trial Data**

Field Pea											Langdon				
Variety	Days to 1st Flower	Days to Mature	Vine Length in	Canopy Ht at Harvest in	Height Index <sup>1</sup> %	Harvest Ease <sup>2</sup> 0-9	Protein %	Seeds/ Pound	1000 KWT gms	Test Weight lb/bu	Yield			Average	
											2008	2009	2010	year	year
<b>Yellow Cotyledon Type</b>											-----bu/a-----				
Agassiz	65	103	41	17	42	4.8	23.7	2090	218	62.0	--	95.8	83.1	89.5	--
Audit	63	104	42	14	33	5.5	23.1	1875	243	62.9	--	--	90.7	--	--
Avantgarde	61	102	45	14	31	5.5	22.7	1726	263	63.2	--	--	96.8	--	--
CDC Centennial	65	103	37	10	26	8.3	22.7	1840	247	62.4	--	100.3	88.0	94.2	--
CDC Golden	65	103	40	12	29	6.5	23.4	2244	203	62.9	--	82.1	81.5	81.8	--
CDC Meadow	63	101	40	14	35	6.3	23.2	2423	191	62.7	--	83.5	75.7	79.6	--
DS Admiral	65	101	44	14	31	6.8	21.9	1969	231	62.6	66.9	80.2	84.7	82.5	77.3
LN4206	63	101	43	16	37	5.8	22.7	2141	213	62.4	--	--	76.8	--	--
PUSA 09003	65	105	43	17	39	4.3	22.6	1884	242	62.1	--	96.5	79.6	88.1	--
<b>Green Cotyledon Type</b>															
CDC Patrick	65	102	42	13	32	6.5	22.5	3020	153	62.4	--	--	73.8	--	--
CDC Striker	65	102	43	13	30	7.5	23.6	1978	230	62.7	72.8	89.3	83.0	86.2	81.7
Cruiser	65	101	40	14	35	7.0	22.4	2337	194	62.6	59.5	80.9	75.6	78.3	72.0
LAN 1103	66	82	43	15	35	5.3	22.0	1683	271	62.6	--	84.3	83.0	83.7	--
Majoret	64	102	45	14	32	7.0	23.5	2144	213	62.8	73.6	92.4	79.9	86.2	82.0
Mean	64	101	42	14	33	6.2	22.8	2097	222	62.6	71.1	89.9	82.3	--	--
C.V. %	1.1	11.8	6.1	15.2	17.1	19.1	1.7	8.7	6.4	0.7	5.4	5.3	9.7	--	--
LSD 0.05	1.0	NS	3.6	3.0	8.1	1.7	0.8	392	31	0.6	5.5	6.8	11.5	--	--

<sup>1</sup> Height Index: Plant height at time of harvest relative to plant height at the end of bloom.

<sup>2</sup> Harvest Ease: 0=plants standing erect, 9=plants laying horizontal.

Planting Date: April 23

Harvest Date: August 18