

**NDSU Langdon Research Extension Center
2017 Variety Trial**

Field Pea - 2017	Langdon
-------------------------	----------------

Variety	Days to 1st Flower	Bloom Duration	Mature	Vine Length	Canopy Ht at Harvest	Height Index ¹	Harvest Ease ²	1000 KWT	Test Weight	Yield			Average	
	Flower	Days	Days	in	in	%	0-9	gms	lb/bu	2015	2016	2017	year	year
-----bu/a-----														
Yellow Cotyledon Type														
Agassiz	55	20	92	42	17	40	5.0	210	62.9	77.3	40.0	80.2	60.1	65.8
DS Admiral	55	18	90	45	18	39	5.5	233	63.3	81.1	50.1	78.9	64.5	70.0
Spider	57	19	95	47	18	39	7.0	247	63.3	--	42.8	79.5	61.2	--
Jetset	55	14	89	40	15	39	6.8	211	62.0	--	56.9	73.5	65.2	--
Earlstar	55	19	90	45	17	38	5.8	196	63.2	--	46.9	74.6	60.8	--
AAC Carver	56	16	91	46	18	38	6.0	221	63.6	--	38.9	90.8	64.9	--
CDC Inca	58	17	93	47	27	59	2.8	219	64.1	--	--	80.8	--	--
CDC Amarillo	59	16	95	49	28	58	2.5	226	63.9	82.4	38.8	87.5	63.2	69.6
CDC Saffron	57	15	91	42	20	51	5.3	247	64.1	78.6	43.8	75.0	59.4	65.8
Mystique	56	18	94	45	22	50	3.3	235	63.0	83.6	34.8	81.7	58.3	66.7
Nette 2010	52	16	88	40	17	42	5.5	211	64.2	79.4	49.6	79.8	64.7	69.6
Green Cotyledon Type														
Arcadia	55	15	88	37	11	31	8.0	204	62.9	--	44.3	81.0	62.7	--
Cruiser	54	19	91	40	16	42	5.8	186	62.9	70.4	28.6	70.5	49.6	56.5
CDC Striker	55	15	90	41	11	28	8.5	207	63.1	83.2	42.7	85.4	64.1	70.4
AAC Comfort	63	12	98	48	21	45	4.5	250	61.7	--	--	74.8	--	--
CDC Greenwater	58	19	96	48	25	51	3.5	242	63.5	--	--	89.1	--	--
Mean	56	17	92	44	19	43	5.3	221	63.2	78.8	42.4	80.2	--	--
C.V. %	1.5	11.5	1.8	7.6	30.8	34.9	35.7	3.3	1.2	4.9	11.5	6.9	--	--
LSD 5%	1.2	2.7	2.3	4.7	8.2	NS	2.7	15.5	1.1	5.5	7.0	7.9	--	--
LSD 10%	1.0	2.3	1.9	3.9	6.9	NS	2.3	12.7	0.9	4.6	5.8	6.6	--	--

¹ Height Index: Plant height at time of harvest relative to plant height at the end of bloom

² Harvest Ease: 0=plants standing erect, 9=plants laying horizontal.

Planting Date: May 9

Harvest Date: August 24