

**NDSU Langdon Research Extension Center
2025 Variety Trial**

Field Pea - 2025										Langdon (Page 1-2)				
Variety	Brand	Days to 1st Flower	Days to Mature	Canopy Ht at Harvest in	Harvest Ease 1-9	1000 KWT gms	Seeds/ pound	Test Weight lb/bu	Protein %	Grain Yield				
										2023	2024	2025	2-yr Avg.	3-yr Avg.
										-----bu/a-----				
Yellow Type														
CDC Inca	Meridian Seeds	48	94	21	6	194	2351	64.7	26.7	77.7	90.8	65.4	78.1	77.9
AAC Julius	Valesco Genetics	47	92	17	7	188	2430	64.2	26.6	86.6	70.3	43.6	56.9	66.8
ND Dawn	NDSU	45	89	14	8	193	2350	64.0	25.4	73.7	66.0	49.4	57.7	63.0
CDC Engage	Alliance Seed	53	98	19	7	199	2290	65.4	28.1	--	--	47.6	--	--
CP5222Y	Winfield/Croplan	43	91	20	6	220	2079	63.6	28.2	81.8	81.5	57.4	69.5	73.6
CP5411Y	Winfield/Croplan	49	92	17	7	187	2455	63.5	27.3	--	--	39.6	--	--
EG25001	Evolution Genetics	45	92	20	6	199	2291	64.1	29.9	--	--	64.1	--	--
Navigator	Evolution Genetics	48	92	17	7	189	2414	63.5	25.6	--	--	48.7	--	--
GTPR004	GeneTech	52	95	16	8	186	2444	64.5	26.6	--	74.3	40.6	57.5	--
GTPR005	GeneTech	51	96	17	7	191	2385	64.1	26.3	--	75.5	45.3	60.4	--
GTPR007	GeneTech	53	95	17	7	172	2658	64.7	27.1	--	--	42.9	--	--
AAC Beyond	Meridian Seeds	49	92	15	8	179	2561	64.0	26.7	87.8	70.5	62.0	66.2	73.4
AAC Carver	Meridian Seeds	45	92	22	5	195	2331	63.9	25.3	--	91.7	63.4	77.6	--
MS GrowPro	Meridian Seeds	46	93	22	6	254	1798	63.4	29.4	80.0	87.3	60.4	73.8	75.9
MS ProStar	Meridian Seeds	48	94	20	6	200	2301	64.1	27.0	78.0	82.0	55.4	68.7	71.8
21162	Peterson Farms Seed	50	98	22	6	207	2190	64.8	29.3	--	--	50.1	--	--
21163	Peterson Farms Seed	52	96	17	7	171	2660	65.9	29.3	46.4	73.7	34.5	54.1	51.5
Protin	Photosyntech	49	91	18	7	268	1695	63.5	29.0	81.5	93.6	63.0	78.3	79.4
PSTSPS54	Photosyntech	52	93	19	7	198	2293	63.6	26.5	--	84.7	46.7	65.7	--
PSTSPS55	Photosyntech	45	90	19	6	195	2348	63.8	27.5	--	88.8	47.3	68.0	--
PSTSPS59	Photosyntech	42	90	20	6	216	2109	63.7	28.3	--	--	45.8	--	--
PSTSPS60	Photosyntech	46	93	16	8	203	2243	64.1	26.6	--	--	37.4	--	--
CDC Dakota	Premier Genetics	51	95	14	8	170	2681	63.5	30.2	--	--	41.9	--	--
Orchestra	Premier Genetics	43	91	20	6	252	1803	64.0	28.3	82.1	85.4	65.9	75.6	77.8
PG Bank	Premier Genetics	46	92	17	7	188	2430	63.9	28.1	--	80.4	50.7	65.5	--
DS Admiral	Pulse USA	43	87	15	8	219	2076	62.7	25.9	82.1	66.3	59.4	62.9	69.3
PG Cash	Premier Genetics	45	89	14	8	225	2020	62.5	27.9	75.9	83.7	66.4	75.1	75.3
PG Prairie	Premier Genetics	49	96	21	6	193	2370	64.9	26.6	--	80.4	58.2	69.3	--
2822	Valesco Genetics	48	95	20	6	177	2574	64.0	27.9	--	72.8	44.6	58.7	--
25-84 (Thor)	Valesco Genetics	43	93	19	7	228	2010	63.5	29.0	--	--	62.2	--	--
AAC Chrome	Valesco Genetics	47	97	15	8	201	2266	64.6	26.9	84.5	72.3	58.5	65.4	71.8
AAC Harrison	Valesco Genetics	47	96	21	6	186	2452	65.2	27.8	--	--	59.4	--	--
AAC IronHorse	Valesco Genetics	48	96	23	6	189	2414	64.4	26.4	--	--	45.1	--	--
AAC McMurphy	Valesco Genetics	50	96	20	6	191	2404	64.2	27.9	--	78.0	44.7	61.3	--

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										2023	2024	2025	2-yr Avg.	3-yr Avg.
										-----bu/a-----				
Green Type														
ND Victory	NDSU	51	97	24	5	148	3078	65.2	26.6	72.4	68.3	39.8	54.1	60.2
Aragorn	Pulse USA	43	90	17	7	201	2266	62.6	26.1	67.6	61.5	40.3	50.9	56.5
Arcadia	Pulse USA	44	88	11	9	189	2418	62.7	25.5	70.2	67.0	51.3	59.2	62.8
PG Greenback	Premier Genetics	52	95	23	6	196	2332	64.4	26.3	--	85.4	45.6	65.5	--
PSTSPS49	Photosyntech	50	91	22	6	176	2584	64.7	26.5	82.0	81.9	51.8	66.8	71.9
PSTSPS57	Photosyntech	48	93	21	6	188	2417	64.6	25.4	--	88.1	59.6	73.9	--
PSTSPS61	Photosyntech	47	93	22	6	203	2245	64.2	26.2	--	--	49.7	--	--
Maple Type														
PSTSPS48	Photosyntech	48	91	16	7	221	2058	63.0	27.4	80.2	72.8	49.0	60.9	67.3
Trial Mean		48	93	18	7	196	2353	64.1	27.2	78.9	76.7	50.6	--	--
LSD (10%)		1.1	2.3	3.3	1.0	18.3	245.9	0.9	1.1	7.9	10.2	8.7	--	--
C.V.		2	2	16	13	8	9	1.2	3.6	7.4	11.4	14.7	--	--

Planting Date = May 27; Harvest Date = September 9; Previous Crop = HRSW; Soil Type = Svea-Barnes Loam