NDSU Langdon Research Extension Center
2026 Variety Trial

Field Pea - 2026 **Langdon**

Variety	Brand	Days to 1st Flower	Days to Mature	Canopy Ht at Harvest	1000 KWT	Seeds/ pound	Protein	Grain Yield 2024	Grain Yield 2025	Grain Yield 2026*	Grain Yield 2-yr Avg.
Yellow Type				in	gms		%	----------bu/a----------			
PSTSPS64	Photosyntech	49	70	23.7	231.4	1970	23.8	--	--	26.6	--
PSTSPS63	Photosyntech	45	70	25.9	241.0	1893	23.4	--	--	26.1	--
PSTSPS65	Photosyntech	46	71	19.9	233.8	1956	24.5	--	--	24.7	--
21162	Peterson Farms Seed	50	75	27.3	229.0	1996	26.1	--	50.1	23.4	--
PSTSPS62	Photosyntech	50	71	24.4	215.2	2121	22.9	--	--	21.9	--
AAC IronHorse	Valesco Genetics, LLC	50	70	25.8	218.0	2082	21.9	--	45.1	21.3	--
PG Bank	Premier Genetics	48	70	25.4	220.4	2064	23.0	80.4	50.7	20.8	65.5
Protin	Photosyntech	49	70	25.9	254.0	1793	22.2	93.6	63.0	20.8	78.3
21163	Peterson Farms Seed	50	73	23.0	178.0	2628	25.5	73.7	34.5	18.6	54.1
AAC Julius	Valesco Genetics, LLC	48	69	23.0	192.1	2371	22.1	70.3	43.6	16.1	56.9
ND Dawn	NDSU	47	71	21.1	200.0	2284	22.3	66.0	49.4	15.9	57.7
MS ProStar	Meridian Seeds LLC	50	70	18.0	202.5	2288	23.4	82.0	55.4	15.1	68.7
CP5411Y	Croplan	47	68	20.3	191.5	2368	21.5	--	39.6	14.9	--
DL2000-1/EG25001	Evolution Genetics	47	70	24.1	213.2	2128	22.7	--	64.1	14.4	--
PP2702	Puris Foods	50	72	17.4	183.1	2519	23.8	--	--	14.3	--
DL2000-3/EG26001	Evolution Genetics	46	67	21.2	205.7	2215	21.8	--	--	14.3	--
PG Cash	Premier Genetics	48	70	21.8	218.1	2101	23.0	83.7	66.4	13.9	75.1
AAC Beyond	Meridian Seeds LLC	50	70	18.8	166.0	2740	22.2	70.5	62.0	13.6	66.2
CDC Inca	Meridian Seeds LLC	50	69	20.6	188.2	2429	22.6	90.8	65.4	13.5	78.1
AAC Carver	Meridian Seeds LLC	50	69	20.0	189.5	2409	22.4	91.7	63.4	13.0	77.6
Iconic	NDCISA	49	68	20.4	216.5	2107	21.9	--	--	12.3	--
CDC Engage	Meridian Seeds LLC	50	72	18.0	191.8	2398	23.2	--	47.6	12.2	--
CDC Canuck	NDCISA	50	70	21.6	205.0	2286	23.1	--	--	11.4	--
CP5222Y	Croplan	42	68	18.4	247.8	1847	23.9	81.5	57.4	11.0	69.5

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Yellow Type				in	gms		%	----------bu/a----------			
AAC Goldstorm	Meridian Seeds LLC	48	68	19.6	180.7	2531	22.0	--	--	10.9	--
PP2802	Puris Foods	50	69	19.6	179.1	2576	23.2	--	--	10.7	--
PP2602	Puris Foods	46	74	20.4	199.8	2259	24.2	--	--	9.7	--
Orchestra	Premier Genetics	44	70	20.9	196.9	2382	22.4	85.4	65.9	9.4	75.6
PG 2026	Premier Genetics	47	67	19.4	155.0	2932	21.9	--	--	9.3	--
PP1804	Puris Foods	45	69	19.4	196.3	2329	22.6	--	--	8.5	--
PG Prairie	Premier Genetics	50	68	18.2	192.1	2388	22.8	80.4	58.2	7.6	69.3
Green Type											
PG Greenback	Premier Genetics	50	75	28.5	225.2	2025	22.5	85.4	45.6	39.1	65.5
PSTSPS57	Photosyntech	49	70	23.8	184.6	2469	21.4	88.1	59.6	25.9	73.9
PSTSPS49	Photosyntech	50	70	26.4	242.6	1871	22.3	81.9	51.8	24.5	66.8
PSTSPS61	Photosyntech	47	70	24.9	207.2	2196	20.9	--	49.7	23.5	--
Arcadia	Pulse USA	45	67	15.7	171.9	2647	21.9	67.0	51.3	14.5	59.2
CP5488G	Croplan	50	67	19.6	172.6	2671	21.7	--	--	12.1	--
Aragorn	Pulse USA	42	66	19.0	185.0	2458	21.7	61.5	40.3	11.7	50.9
ND Victory	NDSU	50	73	21.3	139.6	3356	23.1	68.3	39.8	8.1	54.1
Trial Mean		48.2	69.9	21.6	199.4	2330.9	22.8	76.7	50.6	15.5	
LSD (10%)		0.8	1.8	2.3	15.1	206.2	0.7	10.2	8.7	3.3	
C.V.		1.9	2.9	11.8	8.2	9.6	3.4	11.4	14.7	14.1	

Planting Date: May 22

Harvest Date: August 13

Previous Crop: HRSW

Soil Type: Svea-Barnes loam

* Best linear unbiased estimates (BLUE). Plots were flooded at flowering causing water logging injury. Values will not be used in multi-year averages.

* The 2 year average yield is 2024 and 2025 data.

Test weight data was not analyzed. Some plots did not have enough peas for the test. Based on plots with enough grain the trial mean was 64.6 lbs/bu.