

**NDSU Langdon Research Extension Center
2024 Variety Trial**

Field Pea - 2024										Langdon (Page 1-2)				
Variety	Brand	Days	Days	Canopy	Harvest	1000	Seeds/ pound	Test	Protein	Grain Yield				
		to 1st Flower	to Mature	Ht at Harvest						Ease	KWT	Weight	2022	2023
Yellow Type				in	1-9	gms		lb/bu	%	-----bu/a-----				
EP_6816	Equinom	50	96	20	6	205	2212	62.3	28.5	--	77.0	67.9	72.4	--
EP_8971	Equinom	50	101	16	6	232	1960	61.8	30.2	48.4	64.8	62.7	63.7	58.6
EP_6381	Equinom	51	97	14	5	196	2325	63.2	29.2	--	--	58.8	--	--
GTPC001	GeneTech	50	90	12	8	226	2015	63.5	26.1	--	--	81.8	--	--
GTPR004	GeneTech	54	93	14	7	228	1996	63.4	26.8	--	--	74.3	--	--
GTPR005	GeneTech	54	95	16	7	228	1993	63.3	26.4	--	--	75.5	--	--
Spider	LaFrenz Seed	50	96	15	8	243	1866	61.6	28.1	--	80.4	77.6	79.0	--
CDC Inca	Meridian Seeds	53	98	28	3	219	2071	63.6	26.1	71.7	77.7	90.8	84.2	80.1
CDC Spectrum	Meridian Seeds	52	99	21	7	233	1950	62.6	26.5	61.0	83.9	84.3	84.1	76.4
MS GrowPro	Meridian Seeds	52	98	23	4	302	1504	63.2	29.3	69.9	80.0	87.3	83.6	79.1
AAC Beyond	Meridian Seeds	52	92	14	8	196	2316	62.3	26.8	--	87.8	70.5	79.1	--
MS Prostar	Meridian Seeds	50	93	16	6	240	1894	62.6	27.3	--	78.0	82.0	80.0	--
AAC Carver	Meridian Seeds	49	90	20	6	223	2039	62.3	24.7	--	--	91.7	--	--
MS23-Y1	Meridian Seeds	52	99	22	5	208	2186	61.5	26.5	--	--	86.5	--	--
CDC Boundless	NDCISA	52	98	13	8	258	1763	63.1	25.8	--	--	74.6	--	--
Caphorn	NDCISA	51	98	20	5	268	1693	62.3	27.7	--	--	82.9	--	--
PS1710022	NDCISA	49	90	4	9	242	1879	62.6	27.1	--	80.0	57.5	68.7	--
Iconic	NDCISA	51	94	19	6	292	1557	63.4	27.7	--	--	96.0	--	--
NDP140510Y	NDSU	51	94	16	7	208	2188	61.8	26.3	--	--	62.8	--	--
NDP150231Y	NDSU	53	92	15	7	203	2241	64.1	26.0	--	--	74.9	--	--
ND Dawn	NDSU/NDCIA	50	88	12	9	214	2127	62.7	24.9	46.4	73.7	66.0	69.9	62.0
Protin	Photosyntech	50	93	19	5	321	1417	62.4	28.4	--	--	93.6	--	--
PSTSPS54	Photosyntech	53	97	21	4	235	1939	63.5	25.8	--	--	84.7	--	--
PSTSPS55	Photosyntech	48	89	18	6	247	1836	62.9	26.1	--	--	88.8	--	--
PSTSPS56	Photosyntech	49	96	19	6	269	1689	63.9	26.4	--	--	73.4	--	--
AAC Profit	Premier Genetics	52	101	18	6	202	2245	64.0	27.8	73.4	81.0	76.8	78.9	77.1
Orchestra	Premier Genetics	49	90	14	7	277	1642	63.0	27.8	55.9	82.1	85.4	83.7	74.5
PG-Cash	Premier Genetics	50	91	14	8	251	1812	62.5	27.5	--	75.9	83.7	79.8	--
PG-Prairie	Premier Genetics	49	96	23	4	268	1693	64.0	26.3	--	--	80.4	--	--

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Field Pea - 2024 **Langdon (Page 2-2)**

Variety	Brand	Days to 1st Flower	Days to Mature	Canopy Ht at Harvest	Harvest Ease	1000 KWT	Seeds/ pound	Test Weight	Protein %	Grain Yield				
										2022	2023	2024	2-yr Avg.	3-yr Avg.
Yellow Type										-----bu/a-----				
PG-Bank	Premier Genetics	50	97	20	6	233	1948	61.5	27.2	--	--	80.4	--	--
DS Admiral	Pulse USA	49	90	15	7	226	2011	62.1	26.5	70.3	82.1	66.3	74.2	72.9
AAC Chrome	Valesco	51	99	17	7	254	1796	63.1	25.8	70.8	84.5	72.3	78.4	75.9
AAC Julius	Valesco	51	94	17	7	193	2351	61.5	27.9	58.6	86.6	70.3	78.4	71.8
5206	Valesco	51	95	23	4	225	2027	62.7	26.8	--	83.1	78.5	80.8	--
2822	Valesco	51	101	19	6	201	2259	61.9	28.7	--	83.5	72.8	78.2	--
McMurphy	Valesco	51	96	22	5	232	1957	62.9	27.6	--	--	78.0	--	--
2119	Valesco	52	96	23	4	211	2155	64.2	27.0	--	--	70.7	--	--
Lacross	Valesco	49	94	16	6	172	2645	63.3	26.2	--	--	62.8	--	--
CP5222Y	Winfield/Croplan	48	95	20	5	240	1899	63.2	27.1	71.2	81.8	81.5	81.7	78.2
CP5244Y	Winfield/Croplan	48	95	18	6	284	1601	62.5	28.3	64.0	85.5	79.9	82.7	76.5
Green Type														
Aragorn	Great Northern AG	48	87	17	9	200	2299	62.0	26.8	40.4	67.6	61.5	64.6	56.5
MS22-G1	Meridian Seeds	51	100	24	4	215	2108	63.4	27.4	--	--	81.3	--	--
NDP150412G	NDSU	49	87	13	8	196	2318	62.7	26.7	--	--	76.1	--	--
ND Victory	NDSU/NDCIA	56	104	20	5	166	2740	63.7	26.5	44.9	72.4	68.3	70.3	61.9
PSTSPS49	Photosyntech	52	93	18	4	238	1908	63.9	25.1	69.6	82.0	81.9	81.9	77.8
PSTSPS57	Photosyntech	52	94	23	5	210	2168	63.7	26.0	--	--	88.1	--	--
PSTSPS58	Photosyntech	53	99	24	5	274	1656	63.7	25.8	--	--	81.2	--	--
PG-Greenback	Premier Genetics	51	93	20	6	230	1974	63.4	25.7	--	--	85.4	--	--
CDC Striker	Pulse USA	50	90	7	9	200	2277	62.3	26.0	43.9	78.5	63.1	70.8	61.8
Arcadia	Pulse USA	50	90	17	8	225	2018	63.8	27.9	46.6	70.2	67.0	68.6	61.3
Shamrock	Valesco	53	91	14	7	245	1851	62.8	26.0	61.4	81.4	75.8	78.6	72.9
Maple Type														
PSTSPS48	Photosyntech	48	96	25	4	264	1723	63.9	27.4	61.7	80.2	72.8	76.5	71.6
Trial Mean		51	95	18	6	232	1995	62.9	26.9	60.8	78.9	76.7	--	--
C.V. %		1.6	2.7	19.6	14.5	4.0	4.3	1.0	2.2	7.4	7.4	11.4	--	--
LSD 10%		1	3	4	1	11	99	0.7	0.7	5.0	7.9	10.2	--	--

Planting Date = May 17; Harvest Date = September 9; Previous Crop = Barley; Soil Type = Svea-Barnes Loam