

2024 Field Peas Variety Trial at Minot

Variety	Days to Flower DAP*	Days to Mature DAP	Plant Height inches	Lodging 1-9**	Test Weight lbs/bu	KWT g/1000 seeds	Seeds/ pound	Protein	Yield bu/a
Yellow									
AAC Beyond	54	87	31	1	66.6	201	2292	27.7	53.5
AAC Carver	53	85	30	2	67.0	205	2228	25.4	55.3
AAC Julius	53	85	25	2	66.2	190	2434	28.3	52.5
AAC Profit	55	89	24	3	64.8	177	2564	28.4	44.8
Caphorn (DL 1814)	55	86	23	3	65.9	200	2278	28.1	43.7
CDC Inca	55	88	26	2	65.4	169	2769	27.7	47.8
CDC Spectrum	55	87	31	1	65.3	204	2228	29.2	50.1
CP5222Y	53	88	29	2	66.6	201	2275	27.3	44.4
CP5244Y	52	86	31	2	65.7	222	2055	29.3	56.9
DS Admiral	51	83	27	3	65.9	201	2265	26.3	50.0
EP_6381	54	86	30	2	64.4	225	2056	32.0	35.7
EP_6816	54	88	23	3	65.2	178	2557	29.5	43.2
EP_8971	52	88	21	5	65.4	187	2421	30.9	43.3
GTPC001	53	83	30	1	66.3	186	2496	27.2	51.2
GTPR004	55	88	25	2	66.2	189	2421	29.8	51.1
GTPR005	56	89	26	2	66.8	175	2688	27.9	51.5
Iconic	54	85	31	1	66.2	191	2477	27.9	48.7
Majestic	54	87	39	1	65.7	219	2114	28.4	46.3
MS GrowPro	54	85	32	1	66.2	242	1905	27.9	49.5
MS ProStar	54	88	23	4	65.8	184	2484	27.3	50.6
ND Dawn	53	80	19	4	65.2	191	2377	26.5	49.7
Orchestra	51	84	32	2	67.2	215	2137	28.3	50.0
PG-Bank	51	83	34	1	66.2	215	2110	29.0	49.6
PG-Cash	55	88	23	4	65.3	161	2833	28.4	53.0
PG-Prairie	38	87	31	1	65.9	202	2254	27.7	43.3
PS1710022	52	83	19	5	65.6	207	2194	27.4	45.9
Green									
Aragorn	50	81	17	4	65.8	218	2113	27.8	43.6
Arcadia	53	84	22	4	66.2	178	2555	28.4	49.4
Blumoon	52	83	27	1	66.3	211	2175	26.6	49.4
CDC Striker	54	87	29	1	66.3	200	2274	29.3	38.5
ND Victory	58	91	17	7	65.0	155	3055	31.1	34.1
PG8318	53	87	25	2	65.5	188	2414	27.4	49.5
Trial mean	53	86	27	2	65.9	195	2377	28.2	48.0
C.V.%	9.5	4.6	22.8	--	1.5	12.5	13.0	6.5	8.2
LSD 0.05	8	6	10	2	1.6	40	505	3.0	6.4
LSD 0.1	7	5	8	2	1.3	33	422	2.5	5.4

*DAP = Days after planting.

**Lodging: 1 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planting date: May 12, 2024

Harvest date: August 12, 2024

Seeding rate: 300,000 live seeds/acre

Previous crop: wheat

Tillage system: no-till

Soil type: Williams loam