

2015 Dry Pea Variety Trial at Minot

Variety	Days to Flower (DAP) ⁶	Days to Last Flower (DAP) ⁶	Bloom Period (DAP) ⁶	Days to PM (DAP) ⁶	Vine Length ¹ (inches)	Canopy Height ² (inches)	Plant Height Index ⁴ (%)	Pod Height ³ (inches)	Pod Height at Maturity (inches)	Pod Height Index ⁵ (%)	Pods Per Peduncle	Seed Protein (%)	Seeds/Pound	1000 Seed Weight (g)	Test Weight (lb/bu)	Seed Yield (bu/a)
Yellow Cotyledon Type																
AAC Carver	51	72	22	92	43	16	38	28	2.0	7	2	25.3	2006	227	64	58
Agassiz	50	78	28	91	34	18	53	20	0.8	5	2	27.4	2041	223	62	52
CDC Amarillo	53	77	24	91	37	18	49	24	1.6	7	2	26.8	1916	237	63	55
CDC Meadow	50	78	28	92	39	15	37	23	1.2	6	2	27.0	2336	195	64	56
CDC Saffron	52	75	23	91	34	15	45	20	1.3	7	2	27.4	1818	250	64	59
DS Admiral	50	73	23	91	35	13	36	23	1.3	6	2	25.6	1993	228	63	48
Earlstar	50	77	27	91	39	14	35	25	0.9	4	1	25.0	2226	204	63	53
Gunner	51	80	29	93	43	16	38	22	1.3	6	2	27.2	2028	224	63	60
Hyline	52	79	27	90	38	14	38	22	0.9	4	2	26.1	1911	238	63	58
Jetset	50	79	28	92	40	33	87	22	1.6	8	1	27.1	1969	231	62	52
Navarro	47	75	28	93	34	12	37	18	1.2	7	2	28.7	1583	287	62	51
PP-0555	50	77	27	91	37	15	40	24	0.9	4	2	26.3	2220	205	64	53
PP-0667	50	77	27	92	41	15	36	28	1.2	4	2	25.1	2295	198	64	54
Salamanca	51	73	22	91	44	17	39	31	2.6	8	1	28.9	1766	257	62	44
Torch	53	72	19	92	35	15	42	23	1.5	7	1	27.4	1776	256	63	54
Vegas	51	73	23	91	38	15	41	23	1.7	7	2	27.7	1954	233	63	50
Green Cotyledon Type																
Aragorn	50	76	26	91	37	13	35	22	0.4	2	2	27.8	2084	218	62	53
Bluemoon	50	72	22	92	36	15	40	23	0.7	3	1	26.4	1871	243	63	59
CDC Striker	50	72	22	91	32	8	26	20	0.4	2	2	26.4	2295	198	63	52
Cruiser	50	78	28	93	41	14	35	24	0.6	3	2	27.6	2340	194	63	52
Daytona	51	72	21	91	33	11	31	19	0.6	3	2	26.7	1866	243	63	49
Ginny	50	78	28	92	31	12	39	14	0.4	3	1	26.5	2260	201	64	46
Greenwood	50	73	23	91	37	9	25	21	0.4	2	1	25.8	2307	197	64	50
Majoret	52	72	21	91	30	12	38	19	0.8	4	2	26.9	2000	227	64	49
Spider	52	77	25	91	41	12	29	24	0.8	3	2	28.0	1894	240	63	60
Grand Mean	51	75	25	91	37	15	40	22	1.1	5	2	26.8	2030	226	63	53
CV	0.9	2.1	6.2	1.0	8.9	48.0	49.2	15.0	51.0	52.9	28.8	3.0	3.9	3.9	1.0	10.5
LSD 10%	0.4	1	1	1	3	6	18	3	0.5	2	0.4	0.7	73	8	1	5
LSD 5%	0.6	2	2	1	4	8	20	4	0.7	3	0.5	0.9	94	10	1	7

Planted: May 10, 2015; Harvested: Aug. 25, 2015

Previous crop: hard red spring wheat

¹Plant height at end of flowering

³Plant height to first pod

⁵Calculated as the ratio of pod height at maturity/pod height

²Height of canopy at harvest

⁴Calculated as the ratio of canopy height/plant height

⁶Days after planting