

2019 Field Pea Variety Yield Trial at Minot

Variety	Days to Flower	Days to Maturity	Canopy Height	Lodging	Seed Protein	1000 Seed Weight	Seeds/Pound	Test Weight	Seed Yield	Significant Difference ⁵
	DAP ¹	DAP ¹	cm	(0-9) ⁴	%	g	#	lb/bu	bu/A	
Green Cotyledon										
Shamrock	53	82	65	2.0	25	252	1817	65.5	50.8	A
AAC Comfort	56	86	60	2.0	26	252	1813	64.5	49.2	A
CDC Greenwater	52	83	72	2.0	25	237	1913	65.9	48.3	A
CDC Dakota	56	83	70	1.0	28	219	2077	65.8	48.3	A
Arcadia	50	79	49	5.0	25	212	2144	64.9	47.9	A
CDC Striker	51	79	44	3.0	24	223	2036	65.2	47.3	A
Hampton	52	81	49	5.0	27	224	2027	65.0	46.1	A
Empire	52	81	80	1.0	25	225	2018	66.9	45.8	A
Cruiser	51	79	53	4.0	25	203	2235	64.4	40.6	B
Bluemoon	52	79	52	2.0	24	222	2077	64.6	33.1	C
Yellow Cotyledon										
CDC Amarillo	53	81	70	1.0	25	228	1990	65.9	59.1	A
CDC Inca	53	82	71	2.0	24	229	1984	66.0	53.7	A
AAC Profit	53	81	58	1.0	26	233	1953	65.9	52.5	A
DL Apollo	51	79	62	1.0	25	219	2069	66.7	51.9	A
AAC Chrome	52	81	49	1.0	24	244	1857	66.4	50.9	B
Earlstar	51	80	65	4.0	23	219	2078	65.6	50.5	B
AAC Asher	51	80	44	1.0	25	272	1670	65.3	49.7	B
CDC Spectrum	52	82	62	2.0	26	232	1959	65.6	49.2	B
Astronaut	51	75	58	2.0	25	240	1891	65.4	48.8	B
CDC Saffron	52	80	55	2.0	25	248	1830	65.6	48.7	B
Agassiz	51	80	60	3.0	26	226	2013	65.4	48.5	B
Jetset	51	79	59	2.0	26	263	1783	64.7	47.8	B
Hyline	52	81	59	2.0	24	228	1990	65.8	46.6	B
Spider	52	81	70	2.0	26	236	1936	66.0	46.3	B
AAC Carver	52	81	62	1.0	24	234	1946	65.3	46.0	B
DS Admiral	51	80	60	2.0	24	232	1955	65.1	45.6	B
Korando	49	78	48	2.0	26	248	1844	65.0	43.4	B
Salamanca	51	79	58	1.0	25	236	1925	65.6	43.2	B
Bridger	50	80	55	1.0	24	228	1988	65.9	42.9	C
Majestic	53	79	63	1.0	25	212	2148	64.2	42.6	C
LG Sunrise	48	79	56	1.0	24	237	1913	65.2	42.3	C
Durwood	51	81	67	1.0	25	233	1950	65.6	41.6	C
Viper	49	78	52	1.0	26	237	1913	64.6	40.4	C
LG Amigo	52	83	63	2.0	25	235	1936	65.0	38.2	C
Navarro	47	77	40	1.0	24	244	1884	64.4	36.9	C
Nette 2010	49	78	53	1.0	22	237	1925	65.8	34.6	D
Trial Mean	51	80	59	2	25	233	1962	65.4	45.9	
CV	2.2	2.7	13.1	76.6	3.9	7.3	6.9	0.9	15.0	
LSD 5%	1	3	9	2	1	20	158	0.7	8.1	

¹ Days after planting

Planted: 4/30/2018

² Pod Height at Maturity/Pod Height

Harvested: 8/9/2018

³ Canopy Height/Vinlength⁴ Lodging: 0 = all plants erect, 9 = all plants lying flat on the ground⁵ Seed yields within a market class with different letters are significantly ($p < 0.05$) different