

2018 Field Pea Variety Yield Trial at Minot (No Till)

Variety	Days to Flower	Days to Maturity	Vine Length	Pods/ Peduncle	Pod Height	Seed Protein	1000 Seed Weight	Seeds/ Pound	Test Weight	Seed Yield	
	DAP ¹	DAP ¹	cm	#	cm	%	g	#	lb/bu	lb/A	bu/A
Green Cotyledon											
PSTSP29	51	87	68	2	51	27	251	1823	64.9	3682	61.4
PSTSP13	51	85	74	2	60	26	269	1692	65.6	3467	57.8
CDC Greenwater	49	84	73	2	54	25	234	1940	65.3	3458	57.6
Viper	46	84	76	1	57	26	206	2440	64.3	3414	56.9
LG Koda	50	82	65	2	49	24	226	2014	64.7	3399	56.7
CDC Dakota	54	83	72	2	57	29	218	2090	64.9	3361	56.0
PSTSP30	48	83	69	2	52	27	220	2067	65.7	3200	53.3
Arcadia	47	80	58	2	42	24	195	2327	64.3	3145	52.4
Shamrock	52	84	69	2	53	25	217	2096	65.7	3114	51.9
PSTSP28	48	82	70	2	51	26	213	2133	64.6	3103	51.7
AAC Comfort	55	87	62	2	52	25	252	1804	64.6	3083	51.4
Bluemoon	48	80	67	1	47	25	241	1882	64.4	3047	50.8
PSTSP31	49	84	76	2	58	26	222	2051	64.2	3028	50.5
Hampton	50	85	63	2	46	28	208	2184	64.2	2980	49.7
CDC Striker	48	82	64	1	47	24	208	2186	64.7	2845	47.4
Cruiser	47	83	74	2	53	25	200	2278	64.1	2794	46.6
Majoret	52	87	64	2	43	27	222	2046	65.3	2769	46.1
Yellow Cotyledon											
PSTSP34	48	81	76	2	54	26	211	2164	65.8	3717	62.0
Kareni	46	78	65	2	44	26	274	1669	65.0	3670	61.2
PSTSP7	49	82	73	2	60	25	239	1898	65.4	3645	60.8
PSTSP32	51	85	81	2	64	27	234	1942	65.3	3583	59.7
LG Sunrise	46	81	71	2	50	24	226	2010	65.4	3573	59.5
AAC Carver	48	80	62	2	49	23	233	1952	65.1	3570	59.5
Mystique	50	84	68	2	45	25	245	1852	65.1	3546	59.1
Majestic	50	85	76	2	56	25	255	1781	65.6	3538	59.0
Bridger	46	81	61	2	43	25	221	2055	64.8	3519	58.6
Nette 2010	46	82	66	2	48	24	240	1890	66.4	3514	58.6
Salamanca	50	81	71	2	55	26	247	1838	65.4	3469	57.8
AAC Chrome	49	83	62	2	37	25	218	2085	63.5	3462	57.7
Agassiz	48	83	67	2	49	26	230	1975	64.7	3458	57.6
Navarro	45	81	61	2	46	26	262	1739	64.7	3433	57.2
Spider	49	84	67	2	55	26	242	1878	65.4	3383	56.4
PSTSP35	50	85	81	2	51	26	217	2095	65.2	3381	56.4
Earlstar	48	79	65	2	44	23	200	2268	64.6	3354	55.9

CDC Amarillo	50	82	70	2	51	24	226	2020	65.6	3353	55.9
SW Midas	49	81	60	2	43	24	187	2430	64.9	3343	55.7
PS08101022	44	81	62	2	43	26	243	1867	64.8	3337	55.6
AAC Asher	49	82	58	2	45	25	250	1818	65.0	3327	55.4
PS07100925	45	82	54	2	37	25	249	1822	63.6	3315	55.2
DS Admiral	47	83	65	2	45	25	250	1820	65.6	3242	54.0
PSTSP33	49	82	62	2	48	25	239	1910	65.2	3213	53.5
CDC Inca	53	84	69	2	55	25	218	2092	65.9	3170	52.8
Durwood	50	84	70	2	58	25	234	1953	65.3	3153	52.5
CDC Saffron	50	81	53	2	45	25	238	1908	65.6	3122	52.0
Hyline	50	84	64	2	46	24	239	1905	64.9	3098	51.6
Jetset	47	82	67	2	55	26	238	1913	65.1	3055	50.9
LG Amigo	48	85	69	1	45	26	235	1930	64.8	2880	48.0
AAC Profit	51	85	72	2	50	28	204	2234	64.7	2837	47.3
Trial Mean	49	83	67	2	50	25	230	1995	65.0	3295	54.9
CV	2.8	2.8	15.3	22.0	15.1	3.5	6.4	9.1	1.1	12.7	12.7
LSD 5%	2	3	12	0	9	1	17	211	0.8	488	8.1
LSD 10%	1	2	9	0	7	1	13	164	0.6	380	6.3

¹ Days after planting

Planting date: 4/30/2018

Harvest Date: 8/1/2018

Previous Crop: Hard Red Spring Wheat

Seed Sources	Birdsall Grain	Great Northern Ag	JB Farms	Legume Logic	Meridian Seeds
	Nodricks Norsask Seeds Ltd.	Photosyntech		Pulse USA	USDA-ARS