

2013 Field Pea Variety Trial—Minot

North Central Research Extension Center—Minot

Brand	Variety	Days to Flower Flower DAP ¹	Flower Duration (days)	Days to Maturity (days)	Protein %	Seeds/ Pound	1000	Test Weight lb/bu	Seed Yield	
							Seed Weight g		2013 bu/a	3-yr. Avg. bu/a
Yellow Cotyledon Types										
Meridian Seeds	Agassiz	43	18	75	27.9	2233	204	67.0	37.0	50.4
Nodricks Norsask Seeds	CDC Treasure	43	18	73	26.3	2471	184	68.1	44.1	49.3
Pulse USA	DS Admiral	40	18	72	26.1	2149	211	66.7	31.7	48.6
Great Northern Ag.	Bridger	41	16	72	27.8	2836	160	66.0	30.1	48.5
Nodricks Norsask Seeds	CDC Meadow	41	17	74	26.1	2530	180	67.5	36.6	47.3
Great Northern Ag.	Spider	44	16	76	29.0	2123	215	67.8	41.9	43.2
Paulson Seeds	Gunner	43	17	75	27.3	2508	182	67.2	43.0	--
Pulse USA	Korando	37	20	76	28.6	1897	239	66.5	42.8	--
Legume Logic	Supreme	40	15	73	27.6	2472	184	66.3	41.1	--
Pulse USA	Nette	42	12	71	25.9	2779	164	66.9	39.7	--
Pulse USA	SW Midas	42	16	71	27.7	2595	175	66.9	39.3	--
Pulse USA	LN4206 Abarth	43	17	74	28.7	2566	177	67.4	38.0	--
Great Northern Ag.	Navarro	37	18	71	27.1	2218	206	66.6	36.3	--
Legume Matrix	Torch	45	11	73	29.8	2611	174	66.8	34.2	--
Legume Logic	Rainbow	43	10	71	26.1	2242	203	65.2	34.0	--
Legume Logic	Garrison	44	10	73	26.9	2284	199	66.3	33.3	--
Pulse USA	Mystique	44	17	75	28.2	2637	172	66.3	32.3	--
STI	SW Trapeze	40	16	74	29.0	2072	220	66.3	30.1	--
Great Northern Ag.	Salamanca	43	13	73	30.0	2443	186	65.7	27.9	--
JB Farms/Pulse USA	Vegas	43	15	72	30.2	3003	151	65.5	26.3	--

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							Seed Weight g		bu/a	3-yr. Avg. bu/a
Green Cotyledon Types										
JB Farms/Pulse USA	Bluemoon	43	12	73	27.6	2408	189	66.3	33.6	46.1
Pulse USA	Majoret	44	14	74	28.2	2768	164	66.6	34.8	45.8
Nodricks Norsask Seeds	CDC Striker	41	13	72	26.8	2697	169	66.0	27.3	45.7
Pulse USA	Cruiser	43	17	74	27.4	2931	155	66.8	26.9	38.0
ProGene	Greenwood	41	14	74	25.3	2421	188	68.5	41.3	--
Pulse USA	Viper	39	14	73	28.6	2524	180	65.5	40.2	--
GNA/Pulse USA	SW Arcadia	42	13	72	26.9	2735	166	66.2	32.6	--
GNA/Pulse USA	K2	40	20	73	27.7	2820	161	66.5	29.5	--
Legume Matrix	Shamrock	48	13	76	29.2	2525	180	66.7	28.4	--
ProGene/Pulse USA	Aragorn	40	20	71	27.2	2776	164	65.8	27.8	--
Nodricks Norsask Seeds	CDC Raezer	44	12	72	24.9	2419	188	67.5	25.8	--
Mean		42	16	73	27.6	2516	209	66.6	34.5	--
CV %		1.8	8.8	2.4	2.8	3.8	3.9	0.6	18.1	--
LSD 0.05		1	2	2	1.1	111.4	10	0.6	7.3	--

¹ DAP = Days after planting

Planting Date: June 19
 Planting Rate: 300,000 PLS/A
 Harvest Date: October 2
 Previous Crop: durum
 Soil Type: Williams loam