

Minot Pea Variety Trial

Design: RCB with four replicates

Planting Date: May 3 Harvest Date: August 14

Planting Rate: 300K PLS/acre

Fertility: Granular inoculant placed with seed

Weed Control: 2.5 pt/acre Prowl H20 + 3 oz/acre Spartan + 32 oz/acre Gly-Star+ PRE on April 16, 1 pt/acre Basagran + 4 oz/acre Volunteer + 4 oz/acre Raptor on May 30, 1.5pt/acre paraquat on August 5

Variety	Market Class	Days to	Days to	Bloom Period	Plant Height Index	Canopy Height	Lodging ¹	1000		Seeds/Pound	Test Weight	Seed Yield			3 yr Ave
		Flower	Maturity					Seed Weight	Protein %			2010	2011	2012	
		DAP ²	DAP ²	days		cm	1-9	g	%		lb/bu	bu/A			
AGASSIZ	LY	75	109	20	0.38	34	7	210	25.1	2161	61.5	51.5	40.6	73.6	55.2
BLUEMOON	LG	75	109	16	0.44	40	5	215	25.0	2128	62.1		35.3	69.5	
BRIDGER	LY	75	109	18	0.61	52	5	227	24.8	2007	62.5		35.8	79.7	
CDC GOLDEN	LY	76	108	19	0.35	29	7	192	25.0	2374	63.4	46.8	37.1	67.6	50.5
CDC MEADOW	LY	75	108	21	0.48	41	5	184	23.9	2481	63.3	49.0	33.2	72.2	51.5
CDC PATRICK	LG	77	109	19	0.48	43	5	166	24.2	2745	62.8	53.0	28.0	63.6	48.2
CDC STRIKER	LG	75	108	17	0.36	30	7	183	23.3	2492	62.0	51.5	33.0	76.9	53.8
CDC TREASURE	LY	76	109	22	0.49	49	5	197	23.4	2309	63.7		34.3	69.5	
CRUISER	LG	75	110	20	0.47	41	6	179	25.1	2547	62.3	39.3	30.5	56.6	42.1
DAYTONA	LG	77	109	14	0.37	35	7	218	24.8	2098	61.5			70.9	
DS ADMIRAL	LY	76	108	18	0.37	35	7	216	24.6	2111	61.9	43.2	38.0	76.2	52.5
JETSET	LY	75	107	15	0.58	55	4	219	25.4	2074	62.9			81.3	
MAJORET	LG	75	109	17	0.40	31	7	195	26.1	2331	62.1	46.6	37.2	65.3	49.7
NAVARRO	LY	70	109	21	0.38	37	6	243	25.2	1875	62.0			69.1	
SPIDER	LY	77	110	18	0.37	36	7	212	24.8	2154	62.1	39.5	36.0	79.6	51.7
THUNDERBIRD	LY	80	113	17	0.55	58	4	209	26.3	2177	63.1	50.6	38.1	67.4	52.0
TORCH	LY	78	111	13	0.52	48	4	244	25.6	1865	62.6			72.2	
GRAND MEAN		76	109	18	0.44	41	6	204	24.9	2231	62.5	47.1	35.2	71.2	
CV		0.5	2.1	9.6	23.1	18.8	20.2	5.1	2.9	5.1	0.8	23.3	9.8	11.5	
LSD (0.05)		1	3	2	0.12	9	1	12	0.8	136	0.6	15.1	6.3	9.4	

¹ Lodging (1=erect, 9=flat) ² Days after planting