

Minot Pea Variety Trial

Trial Information

Design: RCB with four replicates

Planting Date: April 21

Harvest Date: August 24

Planting Rate: 300K PLS/acre

Fertility: Granular inoculant placed with seed

Weed Control: 2.75 pt/acre Prowl H2O + 4 oz/acre Spartan + 22 oz/acre Roundup WeatherMax PRE on April 30, 8 oz/acre Volunteer +2 pt/acre Basagran on 6/14, 2 pt/acre Gramoxone NTEON pre-harvest on Aug 11

Variety	Market Class	Plant Stand pl/ft ²	Days to Flower	Bloom Period	Disease Rating ¹	Canopy Height	Lodging ²	1000 Seed Weight	Protein %	Seeds/Pound	Test Weight	Seed Yield			3 yr ave
			DAP ³	days	1-9	cm	1-9	g			lb/bu	2010	2009	2008	
Agassiz	LY	7.4	61	34	5.0	68.5	6.0	232	23.6	1,976	62.1	51.5	70.1	38.9	53.5
CDC Centennial	LY	6.5	65	23	7.0	30.8	9.0	239	22.7	1,919	62.1	47.7	69.1		
CDC Golden	LY	6.9	65	27	6.5	57.8	7.0	212	23.8	2,177	62.7	46.8	75.4	43.0	55.1
CDC Meadow	LY	7.6	61	31	7.0	48.8	7.5	211	23.7	2,163	62.7	49.0	49.5	40.7	46.4
CDC Patrick	LG	9.5	66	25	4.3	62.5	7.5	181	23.3	2,548	62.3	53.0	57.9		
CDC Striker	LG	7.9	64	30	4.0	60.8	6.5	241	24.8	1,889	63.1	51.5	64.8	38.2	51.5
Cooper	LG	8.4	68	21	2.8	54.5	7.0	261	22.8	1,758	61.3	47.1	64.2	44.1	51.8
Cruiser	LG	7.3	63	27	6.3	53.8	7.5	213	24.1	2,137	61.7	39.3	48.3	28.5	38.7
DS Admiral	LY	7.8	63	23	7.5	51.3	7.0	243	22.0	1,879	62.6	43.2	59.7	29.7	44.2
Majoret	LG	7.5	62	31	5.0	55.0	6.5	243	24.6	1,872	63.4	46.6	50.6	36.6	44.6
Marquee	LY	8.4	65	22	7.3	49.5	6.5	179	23.4	2,547	61.9	45.1			
Matrix	LG	7.6	66	17	5.5	44.5	8.5	264	23.2	1,744	62.1	43.4			
Spider	LY	6.9	65	28	6.5	57.0	7.5	236	24.6	1,944	62.6	39.5	62.8	36.7	46.3
SW Capri	LY	7.3	63	24	7.0	52.8	7.0	218	23.6	2,093	61.5	47.5		39.6	
Thunderbird	LY	7.1	67	28	3.8	52.5	7.0	235	23.9	1,944	63.3	50.6	62.7	45.5	52.9
Trapeze	LY	8.2	62	26	7.0	51.8	7.0	240	23.8	1,916	61.2	46.9			
MEAN		7.6	63	27	5.3	57.0	7.1	232	23.7	1,995	62.3	45.9	61.7	36.0	
CV		15.6	2	15	20.5	14.0	7.9	7	2.5	7	0.7	23.3	17.0	14.4	
LSD (0.05)		1.7	2	6	1.5	11.3	1.1	23	0.8	193	0.7	15.1	17.3	7.3	

¹ Primarily mycosphaerella blight. Rated mid and upper canopy.

² Lodging (0=erect, 9=flat ³ Days after planting