

Nebraska Pea Variety Test - 2015: Perkins Co. Rainfed

Planting Date: March 30, 2015

Harvest Date: July 16, 2015

Brand	Variety	Yield rank	*Yield (bu/a)	Bushel weight (lbs/bu)	1000 seeds weight (g)	Flowering (DAP**)	Max plant height before senescence (inches)	Plant height at harvest (inches)
Meridian Seed	AAC Carver	1	34	65	218	69	31	25
Pulse USA	SW Midas	2	34	63	213	68	31	19
University of Saskatchewan	CDC Amarillo	3	33	65	221	69	33	31
Pulse USA	Durwood	4	31	64	221	68	37	30
Great Northern Ag.	Salamanca	5	31	65	236	69	31	26
Great Northern Ag.	Spider	6	31	64	225	70	30	21
University of Saskatchewan	CDC Saffron	7	31	65	222	69	28	18
Legume Logic	Trapeze	8	31	63	228	72	30	20
University of Saskatchewan	CDC Meadow	9	29	65	201	67	29	23
Arrowseed	Montech 4152	10	29	65	228	66	31	23
Arrowseed	Montech 4193	11	29	64	227	70	27	20
Pulse USA	Mystique	12	29	64	217	68	31	24
Legume Logic	Hyline	13	28	65	222	68	28	18
Meridian Seed	Jetset	14	28	64	219	69	29	21
Great Northern Ag.	Bridger	15	28	64	217	68	29	24
Great Northern Ag.	Navarro	16	28	64	244	68	30	18
Pulse USA	DS-Admiral	17	27	64	229	72	30	15
Meridian Seed	AC Earlystar	18	27	66	207	73	28	21
Pulse USA	Abarth	19	27	64	251	68	29	22
Pulse USA	Nette 2010	20	27	66	220	69	26	18
Meridian Seed	AC Agassiz	21	25	64	215	69	28	25
Pulse USA	Viper	22	24	64	218	69	29	16
Average of all entries			29	64	223	69	30	22
Difference required for significance at 5%			5	1	7	1	4	4

*Yield at 10% moisture basis and 1 bu = 60 lbs

**DAP = Days After Planting

Trial summary:

- 1 Trial location: Farmer's Field (Steve Tucker) near Venango, NE (in Perkins Co.)
GPS: N: 40.48103, W: 101.57339
- 2 Trial was planted on no-till ground on wheat stubble with good soil moisture
- 3 Herbicide: Broadaxe and round up (standard recommended rate)
- 4 Seeding rate: 350,000 live seeds/acre
- 5 Seeds were inoculated with granular pea inoculum at the time of planting
- 6 Plot: 5 ft x 25 ft with 7.5 inches row-spacing
- 7 There was good precipitation (12-15") during the season
- 8 Post-planting spray (e.g. herbicides, fungicides): None