

Nebraska Pea Variety Test - 2015: Lincoln Co. Rainfed

Planting Date: April 1, 2015

Harvest Date: July 27, 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)
Pulse USA	Nette 2010	1	33	65	201	67	32	22
Great Northern Ag.	Salamanca	2	32	65	232	70	37	28
Meridian Seed	Jetset	3	32	64	205	67	31	23
Pulse USA	Durwood	4	31	65	218	67	41	29
Meridian Seed	AAC Carver	5	29	65	198	70	36	24
University of Saskatchewan	CDC Saffron	6	28	64	233	70	29	20
Pulse USA	Abarth	7	28	64	231	67	35	26
Great Northern Ag.	Bridger	8	28	64	216	67	36	27
Pulse USA	DS-Admiral	9	27	64	216	68	34	21
Pulse USA	Mystique	10	26	64	211	70	39	26
University of Saskatchewan	CDC Meadow	11	26	65	231	67	34	23
Great Northern Ag.	Navarro	12	25	64	249	67	31	23
Pulse USA	Viper	13	25	63	210	67	33	22
Arrowseed	Montech 4193	14	25	64	223	70	30	23
Arrowseed	Montech 4152	15	25	65	240	67	35	25
Great Northern Ag.	Spider	16	24	65	233	69	32	18
University of Saskatchewan	CDC Amarillo	17	23	64	230	70	37	25
Meridian Seed	AC Earlystar	18	23	64	215	70	36	28
Legume Logic	Hyline	19	23	65	224	72	32	23
Legume Logic	Trapeze	20	22	64	228	72	32	19
Pulse USA	SW Midas	21	19	64	222	70	30	14
Meridian Seed	AC Agassiz	22	18	65	210	70	35	22
Average of all entries			26	64	221	69	34	23
Difference required for significance at 5%			6	1	29	1	4	5

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

**DAP = Days After Planting

Trial summary:

- 1 Trial location: UNL's West Central Research and Extension Center's Research Farm At North Platte, NE (in Lincoln Co); **GPS:** N. 41.05298, W: 100.46155
- 2 Trial was planted on conventionally tilled ground following forage oat
- 3 Herbicide: 1.5 oz/ac optill 24 oz roundup pre plant
- 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 Trial was irrigated 2-days after planting with 0.5" water since soil was too dry at planting
- 8 Total precipitation during the growing period: 12.7 inches
- 9 Post-planting spray (e.g. herbicides, fungicides): None
- 10 Yield loss (25-40%) from lodging and shattering by a rain storm few days before harvesting