

# Nebraska Pea Variety Test - 2015: Scotts Bluff 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)	Lodging %
Pulse USA	Mystique	1	30	60	220	72	33	20	16
University of Saskatchewan	CDC Amarillo	2	29	58	218	74	30	22	10
University of Saskatchewan	CDC Saffron	3	28	62	223	74	32	14	31
Meridian Seed	Jetset	4	28	60	222	71	31	16	15
Pulse USA	Viper	5	28	60	219	71	33	23	8
Meridian Seed	AAC Carver	6	27	59	218	74	31	18	18
University of Saskatchewan	CDC Meadow	7	26	58	221	71	31	16	41
Legume Logic	Hyline	8	25	59	222	73	31	13	41
Pulse USA	Abarth	9	25	58	216	70	30	16	31
Great Northern Ag.	Salamanca	10	24	57	234	72	32	18	34
Great Northern Ag.	Spider	11	24	58	221	72	29	16	48
Pulse USA	DS-Admiral	12	24	58	193	71	30	15	45
Meridian Seed	AC Earlystar	13	22	57	201	71	32	14	33
Pulse USA	SW Midas	14	22	58	233	71	28	11	45
Meridian Seed	AC Agassiz	15	21	58	215	73	32	16	28
Arrowseed	Montech 4193	16	21	57	219	71	31	15	63
Pulse USA	Durwood	17	21	58	202	70	28	14	39
Great Northern Ag.	Bridger	18	21	56	206	69	28	17	24
Pulse USA	Nette 2010	19	19	59	243	69	27	14	55
Legume Logic	Trapeze	20	17	57	224	71	27	11	63
Pulse USA	Korando	21	16	57	237	69	30	11	83
Great Northern Ag.	Navarro	22	15	59	249	69	27	10	69
<b>Average of all entries</b>			<b>23</b>	<b>58</b>	<b>221</b>	<b>71</b>	<b>30</b>	<b>15</b>	<b>38</b>
<b>Difference required for significance at 5%</b>			<b>7</b>	<b>3</b>	<b>10</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>30</b>

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

\*\*DAP = Days After Planting

## Trial summary:

- 1 Trial location: UNL's Small Plots at Scottsbluff, NE in Scotts Bluff Co.  
**GPS:** N 103.40735, W 41.53339
- 2 Trial was planted on conventionally-tilled field following corn
- 3 Herbicide: 1.5 oz/ac optill 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 Total precipitation during the growing period: 14.65 inches
- 8 Post-planting spray (e.g. herbicides, fungicides): None
- 9 Yield loss (15-25%) from lodging and shattering by a rain storm few days before harvesting