

# Nebraska Pea Variety Test - 2015: Scotts Bluff Co. Irrigated

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 start (DAP**)	Flowering end (DAP)	Flowering period (days)	Max plant height before senescence (inches)	Plant height at harvest (inches)	Lodging %
University of Saskatchewan	CDC Saffron	1	37	60	222	74	89	15	37	20	1
Meridian Seed	Jetset	2	36	62	213	72	79	7	35	16	30
Pulse USA	Korando	3	36	61	245	71	89	18	38	21	1
Meridian Seed	AAC Carver	4	34	65	205	73	81	8	36	18	23
Great Northern Ag.	Spider	5	33	61	209	71	85	14	36	14	26
Meridian Seed	AC Agassiz	6	31	63	211	71	88	17	34	16	36
Great Northern Ag.	Bridger	7	30	57	201	68	79	11	33	18	20
Legume Logic	Trapeze	8	30	59	222	71	85	14	35	15	76
Pulse USA	Mystique	9	29	59	229	70	84	14	36	20	10
Pulse USA	Viper	10	28	59	205	72	85	14	34	16	14
Great Northern Ag.	Salamanca	11	28	59	221	72	81	10	36	19	23
Great Northern Ag.	Navarro	12	28	59	236	68	80	12	32	13	68
Pulse USA	SW Midas	13	28	58	191	70	86	16	37	17	14
University of Saskatchewan	CDC Meadow	14	28	61	181	74	81	7	31	14	49
Arrowseed	Montech 4193	15	27	59	207	70	88	17	35	17	9
Pulse USA	Abarth	16	27	62	213	70	81	11	33	16	53
Pulse USA	Durwood	17	26	58	217	71	80	10	35	15	56
Legume Logic	Hyline	18	25	60	229	71	82	12	31	11	76
Pulse USA	DS-Admiral	19	23	58	210	71	83	12	31	12	56
Pulse USA	Nette 2010	20	23	57	194	68	83	15	33	15	49
Meridian Seed	AC Earlystar	21	23	59	189	71	85	15	35	18	30
University of Saskatchewan	CDC Amarillo	22	19	58	215	71	81	10	36	16	58
<b>Average of all entries</b>			<b>29</b>	<b>60</b>	<b>212</b>	<b>71</b>	<b>83</b>	<b>12</b>	<b>34</b>	<b>16</b>	<b>35</b>
<b>Difference required for significance at 5%</b>			<b>7</b>	<b>5</b>	<b>15</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>29</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 103.40686, W 41.53409
- 2 Trial was planted on conventionally-tilled field following corn
- 3 Herbicide: 1.5 oz/ac optill pre plant
- 4 Seeding rate: 435,000 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 (14.65") & irrigation (2.68") during the growing period: 17.73 inches
- 8 Post-planting spray (e.g. herbicides, fungicides): None
- 9 Yield loss (15-25%) from lodging caused by a storm accompanied by rain few days before harvesting