

2017 Pea Variety Trial at North Platte (Lincoln Co.)_Rainfed

Planting Date: April 5, 2017

Harvest Date: July 6, 2017

Brand	Variety	Entry	Yield rank	*Yield (lbs/a)	*Yield (bu/a)	Seed protein (% dry basis)	50% bloom (DAP)	Height at harvest (inch)	Lodging at harvest (%)	Moisture at harvest (%)	Stand (plants/a)
Pulse USA	Nette 2010	8	1	1884	31	27	63	26	5	9	319440
Meridian	AC Earlystar	2	2	1711	29	26	63	26	3	9	307824
Meridian	AAC Carver	3	3	1671	28	25	63	26	14	9	312083
Serbian	Dukat	27	4	1639	27	26	63	24	12	9	301242
Pulse USA	SW Midas	9	5	1613	27	26	63	23	32	9	371712
Pulse USA	LGPN 4244	12	6	1591	27	26	63	24	8	9	294659
Meridian	Jetset	1	7	1567	26	27	62	27	6	9	308405
Meridian	CDC Saffron	6	8	1521	25	27	62	27	4	9	313051
Pulse USA	DS-Admiral	7	9	1512	25	27	62	25	7	9	313245
Pulse USA	Durwood	10	10	1471	25	27	62	27	16	9	326410
Meridian	CDC Inca	4	11	1442	24	27	63	24	18	9	371325
Serbian	Partner	28	12	1360	23	27	63	23	14	9	253229
Pulse USA	LGPN 4903	13	13	1273	21	26	62	21	30	9	236579
Pulse USA	Mystique	11	14	1159	19	27	62	21	32	9	330282
Meridian	CDC Amarillo	5	15	1077	18	27	62	27	43	9	373261
Average of all entries				1487	25	27	63	25	16	9	315517
Difference required for significance at 5%				313	5	1	1	4	25	NS	68981

Yield @13% moisture 1 bu = 60 lbs

DAP = Days After Planting

Trial summary:

- 1 Trial location: North Platte in Lincoln Co. (GPS: N 41.053803, W 100.750641)
- 2 Trial was planted on no-till ground on corn stubble
- 3 Herbicide: Pre Plant Sharpen, Prowl, Roundup
- 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 (8 rows with 7.5" row spacing)
- 7 Total precipitation during the growing period: 6.39 inches

