

2017 Pea Variety Trial at Grant (Perkins Co.)_Rainfed

Planting Date: March 27, 2017

Harvest Date: July 10, 2017

Brand	Variety	Entry	Yield rank	*Yield (lbs/a)	*Yield (bu/a)	Test wt (lbs/bu)	Seed protein (% dry basis)	50% bloom (DAP)	Height at harvest (inch)	Lodging at PM (0-9)	Moisture at harvest
Legume Logic	MP 1907	17	1	2248	36	61	23	75	23	0	10
Great Northern Ag	Salamanca	20	2	2240	37	61	24	72	25	1	12
Meridian Seeds	AAC Carver	3	3	2233	37	63	21	72	25	0	13
Great Northern Ag	Bridger	22	4	2213	36	62	24	69	23	0	10
Meridian Seeds	AC Earlystar	2	5	2171	35	62	25	70	24	2	11
Pulse USA	Durwood	10	6	2094	34	60	23	71	26	1	10
Legume Logic	LL 5053	25	7	2089	35	63	23	71	22	0	12
Great Northern Ag	Spider	21	8	2069	34	62	25	72	25	0	10
Meridian Seeds	Jetset	1	9	2037	33	61	23	68	23	0	10
Great Northern Ag	Shamrock	23	10	2034	35	64	23	75	22	2	15
Pulse USA	LGPN 4903	15	11	2017	33	61	23	72	22	4	11
Pulse USA	Nette 2010	8	12	1991	34	63	23	71	20	1	15
Pulse USA	SW Midas	9	13	1991	32	62	24	72	21	1	10
Pulse USA	Pro 133-6243	13	14	1985	33	61	24	67	22	6	14
Legume Logic	Majestic	16	15	1981	33	61	24	73	25	0	13
Meridian Seeds	CDC Saffron	6	16	1947	33	62	25	73	23	1	12
Pulse USA	LGPN 4244	12	17	1936	31	61	24	71	23	2	10
Pulse USA	Mystique	11	18	1936	33	60	24	72	22	0	14
Pulse USA	DS-Admiral	7	19	1929	31	61	24	71	23	1	10
Pulse USA	Pro 093-7410	14	20	1912	31	62	24	68	18	9	11
Legume Logic	Hyline	18	21	1903	33	62	23	71	23	3	15
Great Northern Ag	Oro	19	22	1886	33	63	25	73	22	1	16
Legume Logic	LL 66	26	23	1877	31	61	25	71	25	3	10
Meridian Seeds	CDC Inca	4	24	1823	30	62	25	75	23	0	10
Legume Logic	LL 5196	24	25	1657	27	60	25	68	23	3	10
Average of all entries				2008	33	61	24	71	23	2	12
Difference required for significance at 5%				424	7	2	1	2	3	2	4

*Yield @13% moisture

1 bu = 60 lbs DAP = Days After Planting

PM = Physiological maturity

Trial summary:

- 1 Trial location: North Platte in Lincoln Co. (GPS: N 40.4934, W 101.5721)
- 2 Trial was planted on no-till ground on wheat 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
- 7 Total precipitation during the growing period: 5.83 inches