

2018 Pea Variety Trial at Callaway (Custer Co.)_Rainfed (1804)

Planting Date: March 29, 2018

Harvest Date: July 21, 2018

Brand	Variety	Yield rank	Entry	*Yield (lbs/a)	*Yield (bu/a)	Test wt (lbs/bu)	Flowering 50% (DAP)	Height at harvest (inch)	Physiological Maturity (DAP)	Seed protein %
Great Northern Ag.	AAC Profit	1	12	2347	39	58	63	18	95	25
Meridian Seeds	CDC Saffron	2	8	2322	39	59	64	18	89	24
Meridian Seeds	CDC Spectrum	3	5	2305	38	58	63	21	95	26
Meridian Seeds	CDC Inca	4	6	2262	38	61	63	18	93	25
Legume Logic	CDC Dakota	5	9	2251	38	60	63	19	94	27
Meridian Seeds	AAC Carver	6	4	2244	37	60	63	18	95	24
Great Northern Ag.	Spider	7	16	2212	37	60	63	18	88	25
Pulse USA	Korando	8	28	2169	36	61	64	20	96	26
Arrowseed	Montech 4193	9	21	2085	35	59	63	19	96	23
Pulse USA	Durwood	10	23	2066	34	61	63	18	96	24
Pulse USA	LG Sunrise	11	25	2043	34	62	63	18	96	23
Pulse USA	DS-Admiral	12	22	1904	32	59	63	20	90	23
Meridian Seeds	Agassiz	13	1	1852	31	60	63	17	90	25
Arrowseed	Montech 4152	14	20	1837	31	61	63	19	89	24
Great Northern Ag.	Salamanca	15	15	1801	30	60	63	19	96	26
Great Northern Ag.	Bridger	16	13	1786	30	63	63	20	96	24
Meridian Seeds	Jetset	17	2	1775	30	60	64	19	88	25
NS Seed	DUKAT	18	35	1763	29	60	64	17	93	25
Pulse USA	Nette 2010	19	27	1755	29	51	65	20	93	23
Meridian Seeds	CDC Amarillo	20	7	1660	28	60	64	18	93	25
Meridian Seeds	AC Earlystar	21	3	1587	26	59	64	19	96	23
Pulse USA	LG Amigo	22	24	1548	26	60	63	19	98	26
Pulse USA	Pro 133-7410	23	30	1511	25	59	64	16	96	24
Pulse USA	SW Midas	24	26	1386	23	59	64	18	94	25
Pulse USA	Pro 133-6243	25	29	1223	20	61	63	21	96	25
NS Seed	PARTNER	26	36	1098	18	53	63	17	95	25
Average of all entries				1877	31	59	63	19	93	25
Difference required at 5% significance				421	7	6	1	3	10	1
CV				16	16	8	1	13	7	2

*Yield @13% moisture

1 bu=60 lbs

DAP=Days After Planting

Trial summary:

- 1 Trial location: Callaway in Custer Co.
- 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
- 6 Plot: 5 ft x 25 ft (8 rows with 7.5" row spacing)