

2018 Pea Variety Trial at Grant (Perkins Co.)_Rainfed (1803)

Planting Date: March 23, 2018

Harvest Date: July 21, 2018

Brand	Variety	Yield rank	Entry	*Yield (lbs/a)	*Yield (bu/a)	Test wt (lbs/bu)	Flowering 50% (DAP)	Seed protein %
Legume Logic	CDC Dakota	1	9	3377	56	60	62	26
Great Northern Ag	AAC Profit	2	12	2751	46	60	62	25
Legume Logic	Majestic	3	32	2636	44	60	61	24
Pulse USA	Durwood	4	23	2539	42	61	60	23
Legume Logic	AAC Asher	5	10	2450	41	62	61	23
Montana Integrity	Polancos	6	34	2399	40	62	62	21
Meridian Seeds	CDC Spectrum	7	5	2381	40	60	62	25
Meridian Seeds	CDC Amarillo	8	7	2358	39	60	62	23
Meridian Seeds	CDC Saffron	9	8	2307	38	62	61	23
Great Northern Ag	Spider	10	16	2250	38	63	61	24
Meridian Seeds	AAC Carver	11	4	2179	36	62	61	21
Great Northern Ag	Salamanca	12	15	2149	36	61	61	25
Pulse USA	Nette 2010	13	27	2145	36	61	59	23
Meridian Seeds	CDC Inca	14	6	2019	34	62	62	23
Pulse USA	DS-Admiral	15	22	1999	33	60	59	22
Arrowseed	Montech 4193	16	21	1885	31	61	59	22
Pulse USA	SW Midas	17	26	1829	30	61	60	22
Great Northern Ag	Shamrock	18	17	1789	30	62	60	23
Pulse USA	LG Sunrise	19	25	1626	27	62	59	22
Great Northern Ag	Bridger	20	13	1555	26	63	59	24
Meridian Seeds	Jetset	21	2	1551	26	59	60	24
Pulse USA	Pro 133-6243	22	29	1507	25	61	60	24
Meridian Seeds	Agassiz	23	1	1493	25	59	60	23
Pulse USA	Korando	24	28	1479	25	53	61	25
Pulse USA	Pro 133-7410	25	30	1454	24	59	61	21
Arrowseed	Montech 4152	26	20	1433	24	60	60	23
Great Northern Ag.	SGL 7647 (Empire)	27	37	1384	23	62	60	23
Pulse USA	SW Arcadia	28	31	1298	22	60	60	22
Meridian Seeds	AC Earlystar	29	3	1293	22	58	60	22
NS Seed	DUKAT	30	35	1286	21	62	58	24
Great Northern Ag	Navarro	31	14	1189	20	59	58	23
Pulse USA	LG Amigo	32	24	1182	20	62	60	24
Great Northern Ag	Gunner	33	19	1075	18	60	62	23
NS Seed	PARTNER	34	36	1073	18	56	60	23
Great Northern Ag	Hyline	35	18	663	11	57	61	22
Average of all entries				1828	30	60	60	23
Difference required at 5% significance				673	11	4	1	1
CV				16	16	5	2	3

*Yield @13% moisture 1 bu=60 lbs

DAP=Days After Planting

Trial summary:

- 1 Trial location: Grant in Perkins 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)