

2017 Pea Variety Trial at Scottsbluff (Scotts Bluff Co.)_Rainfed

Planting Date: April 8, 2017

Harves Harvest Date: July 17, 2017

Brand	Variety	Entry	Yield rank	*Yield (lbs/a)	*Yield (bu/a)	Test wt (lbs/bu)	Seed protein (% dry basis)	Bloom start (DAP)	Bloom end (DAP)	Bloom duration (days)	Physiological maturity (DAP)	Height at PM (inch)	Height at harvest (inch)	Lodging at PM (0-9)	Moisture at harvest (%)
Meridian Seeds	AAC Carver	3	1	3448	57	62	23	66	74	8	94	21	19	1	12
PulseUSA	Mystique	11	4	3236	54	62	25	71	71	3	96	24	22	0	10
Meridian Seeds	CDC Amarillo	5	2	3188	53	62	26	71	74	4	97	23	20	1	17
Great Northern Ag.	Salamanca	20	3	3182	53	62	27	68	71	3	94	24	21	0	16
Meridian Seeds	AC Earllystar	2	5	3142	52	62	23	69	74	5	92	23	19	5	10
PulseUSA	Nette 2010	8	6	3066	51	63	25	67	70	3	91	22	21	0	12
Legume Logic	Hyline	18	10	2976	50	63	23	68	72	5	93	20	18	1	10
PulseUSA	DS-Admiral	7	11	2913	49	61	25	67	76	9	90	24	21	0	9
Great Northern Ag.	Bridger	22	7	2894	48	62	24	68	76	8	92	21	20	1	13
Meridian Seeds	CDC Inca	4	9	2769	46	62	25	69	77	8	97	24	21	0	16
Legume Logic	Majestic	16	8	2766	46	63	25	69	73	4	94	27	23	1	16
PulseUSA	Durwood	10	12	2743	46	62	26	68	74	6	93	21	19	1	12
PulseUSA	SW Midas	9	14	2590	43	62	25	69	71	3	92	21	18	1	11
Meridian Seeds	CDC Saffron	6	13	2556	43	62	24	70	74	4	94	22	19	2	12
Great Northern Ag.	Spider	21	15	2528	42	62	26	68	73	6	92	21	20	0	10
Meridian Seeds	Jetset	1	16	2510	42	61	25	66	72	7	90	22	20	2	9
Average of all entries				2906	48	62	25	68	73	5	93	22	20	1	12
Difference required for significance at 5%				651	2	2	1	3	1	2	4	3	4	2	5

*Yield @13% moisture

1 bu = 60 lbs

DAP = Days After Planting

PM=Physiological maturity

Trial summary:

- 1 Trial location: Scottsbluff in Scotts Bluff Co. (GPS: N 41.53.321, W 103.40.696)
- 2 Trial was planted on conventionally tilled field (previous crop was corn)
- 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: 6.42 inches