

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

Planting Date: April 8, 2017

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	3429	57	62	24	67	72	6	98	26	24	0	19
Pulse USA	Nette 2010	8	2	3398	57	62	23	65	69	4	89	23	20	0	11
Pulse USA	DS-Admiral	7	3	3390	57	61	24	68	76	8	92	23	22	0	9
Pulse USA	Durwood	10	4	3349	56	61	25	68	73	5	97	27	26	0	13
Pulse USA	SW Midas	9	5	3335	55	61	24	71	76	6	92	20	19	0	14
Pulse USA	Mystique	11	6	3294	55	61	25	71	74	3	97	22	22	0	12
Meridian Seeds	AC Earlystar	2	7	3235	54	62	22	67	73	6	90	23	22	1	10
Meridian Seeds	Jetset	1	8	3190	53	62	25	65	72	7	92	23	22	1	11
Meridian Seeds	CDC Amarillo	5	9	3073	51	62	26	69	74	5	99	24	24	0	19
Meridian Seeds	CDC Saffron	6	10	2722	46	63	24	70	75	6	91	21	20	1	11
Meridian Seeds	CDC Inca	4	11	2635	44	62	25	71	78	7	97	23	22	0	17
Average of all entries				3186	53	62	24	68	74	6	94	23	22	0	13
Difference required for significance at 5%				476	8	1	1	2	1	2	3	3	3	0	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 41.53.345, W 103.40.695)
- 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 (6.42 inches) and irrigation (4.7 inches) during the growing period: 11.12 inches