

2017 Pea Variety Trial at HPAL (Cheyenne Co.)_Rainfed

Planting Date: April 6, 2017

Harvest Date: July 11, 2017

Brand	Variety	Entry	Yield rank	*Yield (lbs/a)	*Yield (bu/a)	Test wt (lbs/bu)	Seed Protein (% dry basis)	Flowering beginning (DAP)	Flowering ending (DAP)	Flowering duration (days)	Height at PM (inches)	Height at harvest (inches)	Lodging at PM (0-9)
Great Northern Ag.	Salamanca	20	1	1532	26	61	27	64	71	7	26	24	0
Pulse USA	Nette 2010	8	2	1496	25	62	26	63	70	8	26	24	0
Pulse USA	DS-Admiral	7	3	1423	24	60	27	66	72	6	26	23	0
Pulse USA	SW Midas	9	4	1402	23	59	27	66	72	6	23	22	0
Great Northern Ag.	Spider	21	5	1401	23	60	27	66	71	5	25	22	0
Legume Logic	MP 1907	17	6	1389	23	60	28	69	74	5	25	23	0
Pulse USA	Durwood	10	7	1378	23	61	26	67	72	5	27	25	0
Legume Logic	Hyline	18	8	1320	22	60	26	65	72	7	25	22	1
Legume Logic	Majestic	16	9	1297	22	60	26	68	73	6	28	25	0
Great Northern Ag.	Bridger	22	10	1275	21	60	26	66	73	6	24	23	0
Pulse USA	Mystique	11	11	1253	21	59	27	65	71	6	26	23	0
Average of all entries				1379	24	60	27	66	72	6	25	23	0
Difference required for significance at 5%				254	4	2	1	3	2	2	3	3	1

*Yield @13% moisture 1 bu = 60 lbs

DAP = Days After Planting

PM=Physiological maturity

Trial summary:

- 1 Trial location: HAPL-Sidney in Cheyenne Co. (GPS: N 41.14.740, W 102.59.942)
- 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)
- 7 Total precipitation during the growing period: 5.83 inches

