

2022 Western Nebraska Spring Pea Variety Trial.Rainfed: AVERAGE (Chey. Co & Perkins Co.)

*Green pea

Yield @12% moisture

Brand	Variety	Entry	Yield rank	Yield (lbs/acre)	Yield (bu/acre)	Test weight	Seed protein %	1000 seed wt (g)	Flowering date	Plant ht (inch)	Moisture (%)
ND	ND Victory*	26	1	829	14	44	30	143	162	11	8
ND	NDP150231Y	28	2	825	14	41	31	141	161	10	5
Valesco	Salamanca	20	3	719	12	37	30	171	161	10	9
Valesco	AAC Julius	22	4	696	12	39	31	157	161	10	8
Pulse USA	DS - Admiral	10	5	695	12	38	29	152	162	11	9
Meridian Seeds	MS-22YP6	2	6	640	11	39	30	149	162	10	7
ProGene	Pizzazz	16	7	637	11	37	28	179	160	11	7
Pulse USA	LG Sunrise	11	8	634	11	34	29	154	162	11	8
ND	NDP150412G*	27	9	630	11	40	28	145	160	10	6
ND	ND Dawn Pea	25	10	619	10	41	28	169	162	10	8
Pulse USA	LG Stunner	8	11	615	10	38	30	155	162	11	7
Meridian Seeds	DL GrowPro	1	12	605	10	36	30	174	163	11	7
ProGene	Banner*	12	13	602	10	37	28	140	160	11	9
Pulse USA	Nette 2010	9	14	593	10	38	28	167	162	10	8
Valesco	Shamrock*	24	15	589	10	36	28	153	162	10	7
Valesco	AAC Profit	21	16	587	10	36	31	156	162	10	8
ProGene	Pro 6220	17	17	516	9	35	29	158	161	10	10
ProGene	Pro 6258*	14	18	509	8	36	27	161	161	10	6
Valesco	AAC Chrome	23	19	507	7	35	28	167	161	9	7
ProGene	Pro 7665	15	20	460	8	34	29	158	161	9	10
ProGene	Ginny 2*	13	21	395	7	33	28	167	161	10	10
ProGene	Pro 6230	18	22	383	6	26	30	158	161	11	10
ProGene	Goldenwood	19	23	375	6	26	30	139	165	10	7
Average of all varieties				601	10	37	29	157	162	10	8
Difference (LSD) required at 5% sig.				278	5	12	2	14	2	2	3
CV				17	17	17	3	5	1	12	15

Trial Notes

LSD: Two varieties are significantly different from each other if the difference between them is equal or more than LSD

CV: 15 is generally acceptable value. When $CV > 15$, the data is of poor quality and should not be considered

Poor yield and test weight was due to drought.

Seeding rate: 350,000 live seeds/acre

Seeds were inoculated with granular pea inoculum at the time of planting

Plot: 5 ft x 30 ft (6 rows with 10" row spacing)