

2025 Nebraska Spring Pea Variety Trial in Perkins Co._Rainfed

Planting Date: April 9, 20 Harvest Date: Aug.4, 2025

*Green pea Yield @12% moisture

Brand	Variety	Yield rank	Yield (lbs/acre)	Yield (bu/acre)	Test wt (lbs/bu)	Flowering date	Plant height @ harvest (inch)	Seed protein (%) db	1000 seed wt (g)	Stand (%)	Moisture @ harvest (%)
Puris	GTPC005	1	2762	46	60	12-Jun	13	26	176	78	12
Puris	GTPC007	2	2574	43	60	13-Jun	18	26	189	83	11
Valesco	25-84	3	2517	42	55	11-Jun	15	30	198	75	14
Valesco	AAC Julius	4	2462	41	59	9-Jun	15	27	163	80	12
Puris	GTPC004	5	2374	40	57	13-Jun	17	27	172	75	12
Valesco	AAC IronHorse	6	2353	39	56	12-Jun	13	26	165	73	12
Valesco	AAC Chrome	7	2337	39	57	11-Jun	17	26	213	68	13
Puris	GTPR006	8	2098	35	57	11-Jun	15	28	193	68	12
Meridian	AAC Beyond	9	2069	34	55	12-Jun	13	27	149	63	11
ProGene	Pizzazz	10	2067	34	55	7-Jun	14	27	205	78	12
Valesco	AAC Mc Murphy	11	1937	32	54	12-Jun	15	29	180	85	13
Valesco	VG2512A53	12	1900	32	59	10-Jun	17	29	255	68	13
Valesco	AAC Harrison	13	1753	29	56	12-Jun	13	29	159	78	14
Meridian	MS Prostar	14	1623	27	54	11-Jun	15	27	208	53	13
ProGene	171-7665*	15	1526	25	54	9-Jun	17	25	184	58	12
ProGene	Ultra (B202318)*	16	1491	25	54	6-Jun	15	24	162	83	14
ProGene	173-7406	17	1452	24	54	7-Jun	14	26	205	63	12
ProGene	Banner*	18	1245	21	53	6-Jun	18	24	158	60	11
Valesco	2822	19	1078	18	53	12-Jun	15	29	177	63	13
Average of all varieties			1980	33	56	10-Jun	15	27	185	71	12
Difference (LSD) required at 5% sig.			521	9	4	2	5	1	30	23	2
CV			17	19	5	12	23	2	11	23	13

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

Trial information:

Location: Henry J. Stumpf International Wheat Ctr., Grant, NE

Previous crop: Planted on no-till ground on millet stubble

Herbicide: Sonolan, Roundup & Prowl

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)