

# 2023 Nebraska Spring Pea Variety Trial in Perkins Co.\_Rainfed

Planting Date: April 13, 2023

Harvest Date: July 31, 2023

*\*Green pea*

*Yield @12% moisture*

Brand	Variety	Entry	Yield rank	Yield (bu/acre)	Test weight (lbs/bu)	Flowering date	Plant ht (inch)	Seed protein % (dry basis)	1000 seed wt (g)
Meridian Seeds	AAC Beyond	2	1	56	56	14-Jun	22	27	210
ProGene	Pro 174-7148	12	2	55	55	21-Jun	22	25	142
Valesco Genetics	5206	7	3	54	57	12-Jun	27	26	230
Valesco Genetics	AAC Chrome	6	4	53	56	13-Jun	16	24	196
Valesco Genetics	Boost	9	5	50	55	13-Jun	22	26	253
ProGene	Pro 172-7107	13	6	49	55	21-Jun	22	26	138
Valesco Genetics	AAC Julius	5	7	49	57	11-Jun	24	27	201
Meridian Seeds	MS Winterberry	4	8	48	55	15-Jun	20	25	254
Meridian Seeds	MS ProStar	3	9	45	55	13-Jun	22	26	197
Valesco Genetics	Shamrock	8	10	44	57	13-Jun	23	26	180
ProGene	Ginny 2	11	11	41	55	8-Jun	19	27	191
Meridian Seeds	MS GrowPro	1	12	41	56	12-Jun	19	29	172
ProGene	Banner	10	13	33	55	6-Jun	26	24	189
<b>Average of all varieties</b>				<b>47</b>	<b>56</b>	<b>13-Jun</b>	<b>22</b>	<b>26</b>	<b>196</b>
<b>Difference (LSD) required at 5% sig.</b>				<b>8</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>6</b>
<b>CV</b>				<b>12</b>	<b>4</b>	<b>4</b>	<b>10</b>	<b>2</b>	<b>2</b>

## 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

## Trial information:

**Location:** UNL-Stumpf Wheat Research Farm, near Grant, NE

Planted on no-till ground on corn stubble

**Herbicide:** Optil and round-up

**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)



