

## 2024 Nebraska Dryland Winter Pea Variety Trial in Grant, NE

Planting Date: August 29, 2023

Harvest Date: July 03, 2024

Brand	Variety	Type of variety	Yield rank	Yield (bu/ac)	Seed protein (%)†	Seed weight (g/1000 seeds)	Flowering Date*
ProGene	Blaze	Yellow- Split, food ingredient, and pet food markets	1	36.6a	23.3b	141a	May 25 <sup>th</sup>
ProGene	Goldenwood	Yellow- Food ingredient market	2	32.7ab	24.3a	137a	May 23 <sup>rd</sup>
ProGene	Vail	Green- Split edible market	3	29.8abc	23.7ab	122b	May 26 <sup>th</sup>
ProGene	PRO 7211	Yellow- Food ingredient and pet food markets	4	25.8bcd	22.8b	132a	May 30 <sup>th</sup>
ProGene	Icicle	Forage	5	22.7cd	24.3a	80.5d	May 30 <sup>th</sup>
ProGene	PRO 6101	Forage	6	18.4d	23.6ab	100c	May 31 <sup>st</sup>

Means followed by the same letter within a column do not differ statistically from each other by the least significant difference test at 5% probability. †Seed protein concentration is expressed at 12% grain moisture content.

\*Flowering date determined as 50% of plants flowering in the plot.

### Trial information

**Location:** Stumpf International Wheat Center; Grant, NE. (N.40.845, W.-101.705)

Planted on no-till ground on wheat stubble

**Pre-emergence herbicide:** Glyphosate / Authority supreme applied at 25oz Glyphosate / 8oz Authority Supreme

**Seeding rate:** 500,000 seeds/acre

Seeds were inoculated with peat inoculant at the time of planting

**Plot:** 15 ft × 30 ft (7.5" row spacing)

## 2024 Nebraska Dryland Winter Pea Variety Trial in Grant, NE

Planting Date: September 28, 2023

Harvest Date: July 23, 2024

Brand	Variety	Type of variety	Yield rank	Yield (bu/ac)	Seed protein (%)†	Seed weight (g/1000 seeds)	Flowering Date*
ProGene	Goldenwood	Yellow- Food ingredient market	1	38.8a	24.2a	131a	May 26 <sup>th</sup>
ProGene	Blaze	Yellow- Split, food ingredient, and pet food markets	2	37.3a	23.1b	129a	May 29 <sup>th</sup>
ProGene	Vail	Green- Split edible market	3	36.7a	23.4ab	117b	May 29 <sup>th</sup>
ProGene	PRO 6101	Forage	4	30.4b	23.0b	100c	May 29 <sup>th</sup>
ProGene	Icicle	Forage	5	27.4b	24.0a	68d	June 3 <sup>rd</sup>

Means followed by the same letter within a column do not differ statistically from each other by the least significant difference test at 5% probability. †Seed protein concentration is expressed at 12% grain moisture content.

\*Flowering date was determined as 50% of the plants flowering in the plot.

### Trial information

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