

## 2024 Nebraska Dryland Winter Pea Variety Trial in North Platte, NE

Planting Date: August 18, 2023

Harvest Date: July 16, 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	28.1a	22.2a	128a	May 22 <sup>nd</sup>
ProGene	Goldenwood	Yellow- Food ingredient market	2	12.7b	22.4a	115b	May 21 <sup>st</sup>
ProGene	Icicle	Forage	3	6.59bc	20.3bc	81.0d	May 25 <sup>th</sup>
ProGene	PRO 7211	Yellow- Food ingredient and pet food markets	4	5.70bc	20.7b	115b	May 23 <sup>rd</sup>
ProGene	PRO 6101	Forage	5	2.74c	19.4c	96.4c	May 24 <sup>th</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

**Location:** West Central Research, Extension, and Education Center; North Platte, NE (41°03'13"N 100°45'03"W)

**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 North Platte, NE

Planting Date: September 13, 2023

Harvest Date: July 15, 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	37.5a	24.8a	112a	May 21 <sup>st</sup>
ProGene	Goldenwood	Yellow- Food ingredient market	2	34.4ab	24.5a	107ab	May 20 <sup>th</sup>
ProGene	PRO 7211	Yellow- Food ingredient and pet food markets	3	26.4bc	22.1bc	101b	May 23 <sup>rd</sup>
ProGene	Vail	Green- Split edible market	4	22.2c	21.1c	104b	May 22 <sup>nd</sup>
ProGene	PRO 6101	Forage	5	16.4c	22.3b	86.2c	May 22 <sup>nd</sup>
ProGene	Icicle	Forage	6	15.9c	23.9a	69.2d	May 23 <sup>rd</sup>

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**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 North Platte, NE

Planting Date: October 17, 2023

Harvest Date: July 16, 2024

Brand	Variety	Type of variety	Yield rank	Yield (bu/ac)	Seed protein (%)†	Seed weight (g/1000 seeds)	Flowering Date*
ProGene	PRO 6101	Forage	1	20.7a	22.5b	96.7c	May 24 <sup>th</sup>
ProGene	Goldenwood	Yellow- Food ingredient market	2	20.5a	23.1b	121b	May 24 <sup>th</sup>
ProGene	Icicle	Forage	3	18.9a	24.2a	75.6d	May 28 <sup>th</sup>
ProGene	Blaze	Yellow- Split, food ingredient, and pet food markets	4	15.3a	22.7b	130a	May 27 <sup>th</sup>
ProGene	Vail	Green- Split edible market	5	7.83b	21.2c	118b	May 27 <sup>th</sup>

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seeds/acre

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