

ND Pegasus

Great Northern Bean

NDSU NORTH DAKOTA
STATE UNIVERSITY



Characteristics

Seed Yield	superior
Plant Type	upright vine
BCMV	resistant
Rust (20-3)	susceptible
Maturity	late
Canning Quality ¹	3.3

¹ Scale of 1 to 7 where scores 1=unacceptable, 2=poor, 3-4=average, 5-6=above average and 7=excellent.

Comments

ND Pegasus great northern bean was released in 2019 from the ND Agricultural Experiment Station. ND Pegasus has shown competitive agronomic performance compared to other varieties commonly grown in the region. It has an upright (medium-short vine) growth habit (Type IIa), white flowers and matures in approximately 103 days. ND Pegasus had significantly higher seed yield compared with other great northern cultivars commonly grown in the region. ND Pegasus has resistance to Bean Common Mosaic Virus (BCMV) and intermediate resistance to white mold. Canning quality and seed shape/size for ND Pegasus is within acceptable commercial ranges.

Strengths

- Superior seed yield
- Intermediate resistance to white mold
- Excellent seed shape, size & color
- Excellent upright architecture

Agronomic Performance of ND Pegasus Across 15 Environments in North Dakota and Minnesota

Variety	100 Seed Weight (g)	Days to Maturity	Height (inches)
ND Pegasus	36.8	103	28
Matterhorn	31.7	98	24
Powderhorn	32.7	94	30
Aries	35.2	99	16

Seed Yield (cwt/acre) of ND Pegasus Compared to Commercial Varieties Across 10 Environments in North Dakota and Minnesota

Variety	2016	2017	2018	Avg
ND Pegasus	21.9	24.3	25.2	23.8
Matterhorn	15.0	19.7	24.6	19.8
Aries	18.2	21.2	25.6	21.7
Powderhorn	14.8	19.9	26.2	20.3

*Data and information extracted from variety release documents.

10/2020