

ND Polar

Navy Bean

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Seed Yield	high
Plant Type	upright short vine
Maturity	medium
BCMV	resistance
CBB	intermediate resistance

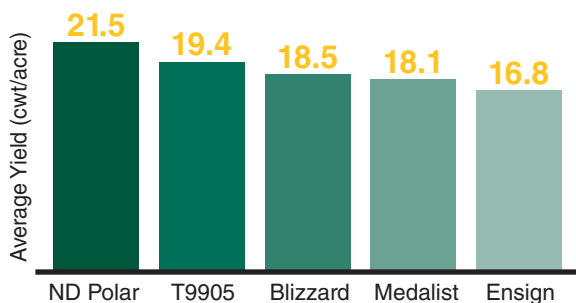
Comments

ND Polar navy bean was released in 2022 by the North Dakota Agricultural Experiment Station. ND Polar has shown competitive agronomic performance compared to other varieties commonly grown in North Dakota. It has an upright indeterminate (short vine) growth habit and matures in approximately 102 days. ND Polar had higher seed yield compared with other navy bean cultivars grown in the region. ND Polar is resistant to bean common mosaic virus (BCMV) and intermediately resistant to common bacterial blight (CBB). Canning quality and seed shape and size are within acceptable commercial ranges.

Strengths

- Intermediate resistance to CBB
- Excellent upright plant architecture
- Competitive agronomic performance

Navy Bean Yield Across 23 Environments in MIN-DAK Region



Navy Bean Agronomic Performance in North Dakota

Variety	100 Seed Weight (g)	Days to Maturity	Height (cm)	CBB [^]
ND Polar	18.3	102	52	4.0
Blizzard	18.2	99	52	4.7
Ensign	19.1	96	51	NT
Medalist	16.7	101	52	6.2
T9905	18.8	98	51	4.8

[^] Common Bacterial Blight CIAT scale: 1-3=resistant, 4-6=intermediate, and 7-9=susceptible. NT=Not tested.

*Data and information extracted from variety release documents. 12/2023