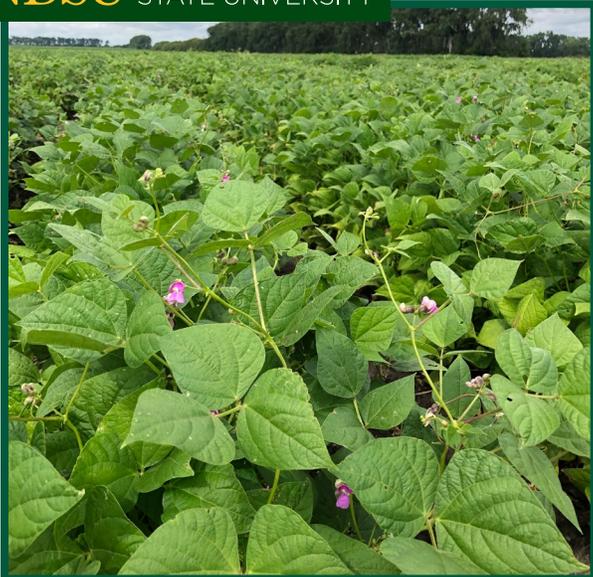


ND Twilight

Black Bean

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Seed Yield	superior
Plant Type	upright short vine
BCMV	resistant
Rust (20-3)	resistant
Maturity	early
Canning Quality ¹	4.0

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

Comments

ND Twilight black bean was released in 2020 from the ND Agricultural Experiment Station. ND Twilight has shown competitive agronomic performance compared to other varieties commonly grown in North Dakota. It has an upright indeterminate (short vine) growth habit (Type IIa), purple flowers and matures in approximately 99 days. ND Twilight had higher seed yield compared with other black bean cultivars commonly grown in the region. It has resistance to rust (race 20-3) and intermediate resistance to common bacterial blight (CBB). ND Twilight also has resistance to bean common mosaic virus (BCMV) and moderate resistance to soybean cyst nematode (SCN). Canning quality and seed shape/size is within acceptable commercial ranges.

Strengths

- Resistance to rust
- Intermediate resistance to CBB
- Excellent upright architecture
- Competitive agronomic performance

Agronomic Performance of ND Twilight Across 21 Environments in North Dakota

Variety	100 Seed Weight (g)	Days to Maturity	Height (inches)	Rust Race 20-3 [^]
ND Twilight	19.7	99	19	R
Eclipse	18.3	102	20	S
Loreto	18.2	106	18	S
Zorro	14.4	102	19	S
Zenith	17.5	99	20	S

[^] R=resistant, S=Susceptible

Seed Yield (cwt/acre) of ND Twilight Compared to Commercial Varieties Across 11 Environments in North Dakota

Variety	2017	2018	2019	Avg
ND Twilight	20.5	19.0	24.9	21.5
Eclipse	17.2	19.1	23.2	19.8
Loreto	14.7	16.8	21.3	17.6
Zorro	12.8	16.2	23.1	17.3

*Data and information extracted from variety release documents.

10/2020