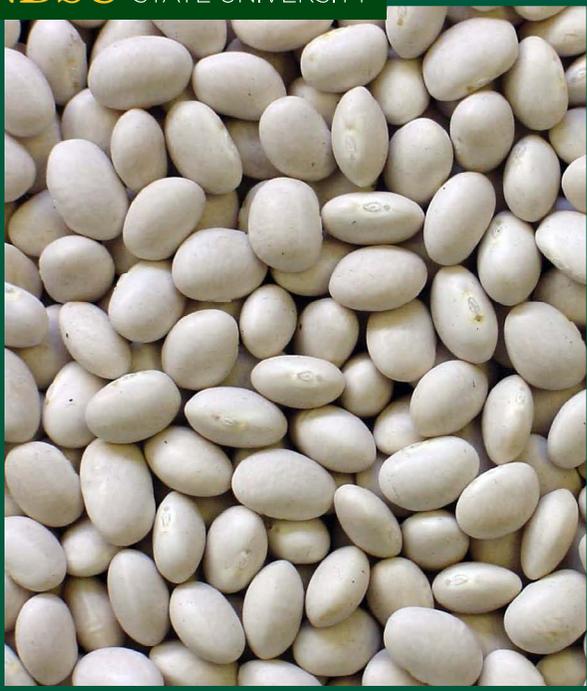




Avalanche

Navy Bean

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Plant Type	upright short vine
BCMV	resistant
Rust	moderately resistant ¹
Maturity	medium-early
Canning Quality ²	acceptable

¹ Susceptible to new rust race 20-4.

² Scale of 1 to 7 where scores between 1 and 3 are considered unacceptable, 4 acceptable, and 5 to 7 highly desirable.

Strengths

- Good synchronous dry-down
- Zn soil deficiency resistance

Comments

Avalanche navy bean was released in 2008. It is a medium-early maturing variety with very good seed size, shape, and appearance. **Avalanche** has white flowers and dark green leaf color. It is erect (Type II, short vine) with good lodging resistance. This variety exhibits good synchronous plant dry-down prior to harvest and has good canning qualities. **Avalanche** is resistant to Zn soil deficiency and bean common mosaic virus (BCMV). It is also moderately resistant to most rust races present in ND.

Agronomic Performance of Avalanche Across ND, 2010-2013

	Avalanche	Vista	Ensign	Medalist	T9905
Seed Yield (lbs/acre)	2460	2482	2572	2656	2845
100 seed weight (g)	20.0	18.0	20.4	18.0	20.9
Height (inches)	19.6	19.7	18.9	20.4	19.7
Days to Flowering	52	53	53	52	53
Days to Maturity	97	99	96	98	98