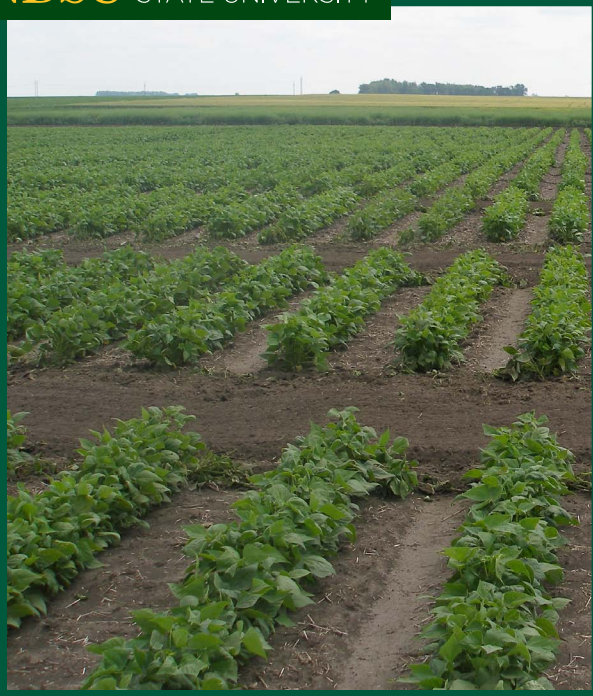




Eclipse

Black Bean

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Plant Type	upright short vine
BCMV	resistant
Rust	resistant ¹
Maturity	early
Canning Score ²	3.0

¹ Susceptible to new rust race 20-4.

² Scale of 1 to 7 based on subjective evaluation of physical integrity of bean, color and clarity of brine, and overall visual appeal.

Comments

Eclipse black bean was released in 2004. It was the first black bean variety released by the ND Agricultural Experiment Station. This high yielding variety has upright plant growth and excellent lodging resistance. Eclipse also has early maturity and synchronous dry-down of plant and pods at harvest. Eclipse is resistant to rust, bean common mosaic virus (BCMV), and anthracnose race 7. It is susceptible to anthracnose race 73. Eclipse has a dull black seed coat, dark glossy green leaves, and purple flowers. Canning quality of Eclipse is similar to T-39.

Strengths

- Early maturity
- Good synchronous dry-down
- High yield

Agronomic Performance of Eclipse Across ND and MN, 2010-2013

	Eclipse	Zorro	Loreto
Seed Yield (lbs/acre)	2521	2507	2466
100 seed weight (g)	19.4	20.1	19.8
Height (inches)	21.4	21.7	20.5
Days to Flowering	54	54	54
Days to Maturity	95	97	99