

ND Redvelvet

Small Red Bean

NDSU NORTH DAKOTA
STATE UNIVERSITY



Characteristics

Seed Yield	competitive
Plant Type	upright short vine
Maturity	full-season
CBB	intermediate resistance
White Mold	intermediate resistance
BCMV	resistance

Strengths

- Large seed size & good color
- Excellent upright architecture
- Intermediate resistance to white mold

Comments

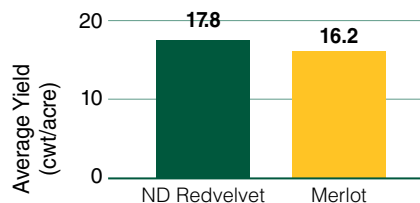
ND Redvelvet small red bean was released in 2026 by the North Dakota Agricultural Experiment Station. ND Redvelvet has shown competitive agronomic performance compared to other small red varieties commonly grown in the region. ND Redvelvet matures in approximately 101 days. This variety has improved intermediate resistance to common bacterial blight (CBB) and intermediate resistance to white mold. It is also has resistance to Bean common mosaic virus (BCMV). ND Redvelvet has large, desirable seed size and red color comparable to Merlot. Canning quality is within acceptable commercial ranges.

Small Red Bean Agronomic Performance in North Dakota & Minnesota (2018-2025)

Variety	100 Seed Weight (g)	Days to Maturity	Height (cm)	CBB*	Canning Quality^
ND Redvelvet	33.1	101	51	3.6	3.2
Merlot	33.2	99	50	5.3	3.8
Ruby	28.0	100	48	5.0	3.8
Viper	26.5	102	51	5.3	-
USDA-Lava	30.5	96	50	4.6	-

*Common Bacterial Blight CIAT scale: 1-3=resistant, 4-6=intermediate, and 7-9=susceptible.

^ Canning quality is a visual score where 1 is unacceptable, 2 is poor, 3 is average, 4 is good, and 5 is excellent (Wang, et al., 2021).



Small Red Bean Yield Across 30 Environments in ND[#]

[#]Ruby, Viper, and USDA-Lava were also tested, but there was no significant difference in yield compared with ND Redvelvet.

Data and information extracted from variety release documents. 1/20/26