



Talon

Dark Red Kidney Bean

NDSU NORTH DAKOTA STATE UNIVERSITY



Characteristics

Yield	very high
Plant Type	bush
BCMV	resistant
Rust	resistant
Maturity	medium
Canning Quality ¹	acceptable

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

Strengths

- Very high yield
- Bacterial disease intermediate resistance
- Root rot tolerance

Comments

Talon dark red kidney bean was released in 2014. It was the first dark red kidney (DRK) bean variety released by the ND Agricultural Experiment Station. Talon DRK has shown superior seed yield. It is tolerant to the root rot fungal complex commonly present in MN. Talon DRK is resistant to Bean Common Mosaic Virus (BCMV) and has shown resistance to the new bean rust race 20-4. Talon DRK is resistant to anthracnose race 73 and has intermediate levels of resistance to common bacterial blight and halo blight.

Agronomic Performance of Talon in MN Across 17 Environments

	Talon	Montcalm	Redhawk
100 seed weight (g)	48.7	49.4	47.1
Days to Maturity	100	102	99
Height (inches)	20.5	18.9	18.1
Canning Quality ²	4.1	3.4	4.9

²Canning quality scores from 1 to 7, where 1 is unacceptable, 2 poor, 3-4 average, 5-6 above average, and 7 excellent.

Yield (cwt/acre) Performance of Talon DRK Compared to Commercial Varieties

	Location	Talon	Montcalm	Redhawk
2012	P ³	18.0	15.3	16.9
	PR ³	24.1	24.8	21.5
2013	P ³	20.6	20.9	23.4
	PR ³	19.4	25.5	20.3
2014	P ³	17.2	14.1	13.8
	PR ³	20.9	18.6	13.6
	Avg	20.0	19.9	18.3

³Locations P=Perham, PR=Park Rapids.