



BL Black Tails

Direct harvestable high yielding Black



BLACK BEAN

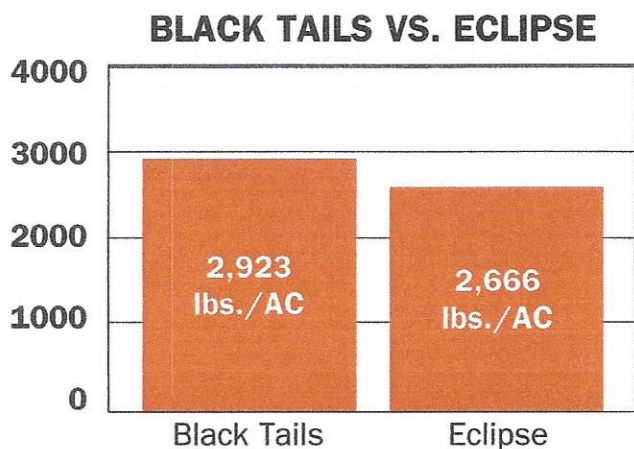
Black Tails—High yielding upright

Profile:

Black Tails is a new black bean variety that has shown good adaptability to North Dakota, Michigan, New York, Manitoba and Ontario production regions.

A consistent performer throughout the trialing process and in commercial production, its upright architecture and excellent yield potential make it an excellent choice for growers needing a slightly earlier variety.

Assuming the 250 lbs./AC* yield increase over Eclipse, profit would increase \$75/AC on \$30/cwt beans. This would amount to \$7,500 increased profit over Eclipse on 100 acres of production.



Data from 2013-2016 trials in Forest River, Hatton, Prosper and Buxon locations.

TRIAL DATA

BLACK TAILS

Approx. Maturity	99-103 days or about 1-2 days later than Eclipse**
Plant Type	2A
Approx. Seed Count	2,405 seeds/lb.; slightly larger than Eclipse***
Disease Resistance	Preliminary testing shows the "I" gene for BCMV and has shown Rust resistance in the Colorado State University screening trial.

* Yield data based on 20 yr./locations of data.

** Maturity data is based on 16 yr./locations of data.

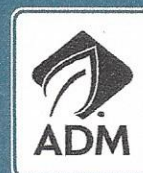
*** Seed count data is based on 20 yr./locations of data.

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KEY TO RESISTANCE ABBREVIATIONS FOR BEANS

Plant Type 1A	Bush determinate erect stem
Plant Type 2A	Erect growth indeterminate short runners
Plant Type 2B	Erect growth indeterminate with medium to long runners
Plant Type 3B	Prostrate vine indeterminate growth with long runners
BCMV	Bean common mosaic caused by the specified strains of Bean common mosaic virus
BCTV	Curly top caused by Beet curly top virus
BGYMV	Bean golden yellow mosaic caused by Bean golden yellow mosaic virus
CI	Anthrachnose caused by <i>Collectrichum lindemuthianum</i>
Psp	Halo blight caused by <i>Pseudomonas savastanoi</i> pv. <i>phaseolicola</i>
Pss	Bacterial brown spot caused by <i>Pseudomonas syringae</i> pv. <i>syringae</i>
Ua	Rust caused by the specified races of <i>Uromyces appendiculatus</i>
HR	High Resistance: describes plant varieties that highly restrict the growth and development of the specified pest or pathogen under normal pest or pathogen pressure when compared to susceptible varieties. Highly resistant varieties may, however, exhibit some symptoms or damage under heavy pest or pathogen pressure.
IR	Intermediate Resistance: describes plant varieties that restrict the growth and development of the specified pest or pathogen, but may exhibit a greater range of symptoms or damage compared to highly resistant varieties. Intermediately resistant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest or pathogen pressure.

In cases where specific races or strains are not noted the variety is resistant to some, but not necessarily all known races or strains of the pathogen.

BL Black Tails was developed through Pro Vita, Inc.'s black breeding program through a contract with Cooperative Elevator Co. and is the sole property of Cooperative Elevator Co. Plant Variety Protection for BL Black Tails is applied for. Unauthorized propagation of this variety is prohibited. Utility Patent for BL Black Tails is pending. Black Tails is the sole property of Cooperative Elevator Co., and is protected by U.S. Plant Variety Protection and a U.S. Utility Patent. Any use of this variety for any purpose without express written consent of Cooperative Elevator Co. is prohibited under U.S. Patent Law.

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For more information, please contact your Seedwest dry bean dealer or visit www.Seedwest.com.

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