



# BL Black Tails

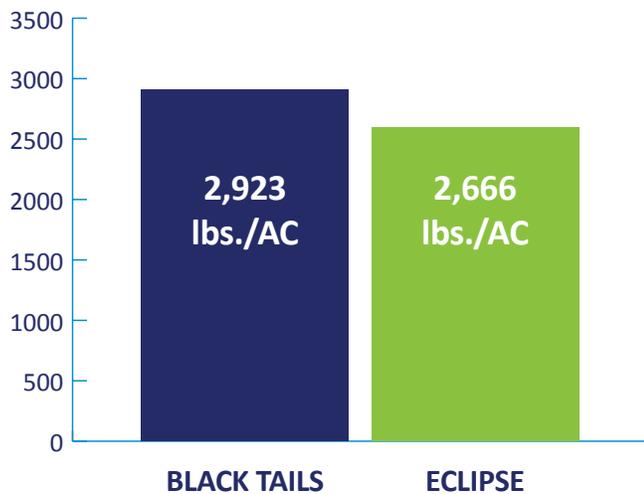
Direct harvestable high yielding upright Black bean

## 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.



\* 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.

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

## TRIAL DATA

### BLACK TAILS

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

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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.**

All variety information presented herein is based on field and laboratory observations. Actual crop yield and quality are dependent upon many factors beyond our control. Since environmental conditions and local practices may affect variety characteristics and performance, we disclaim legal responsibility therefore. Read all tags and labels. They contain important conditions of sale, including limitations of warranties and remedies.

## KEY TO RESISTANCE ABBREVIATIONS FOR BEANS

<b>Plant Type 1A</b>	Bush determinate erect stem
<b>Plant Type 2A</b>	Erect growth indeterminate short runners
<b>Plant Type 2B</b>	Erect growth indeterminate with medium to long runners
<b>Plant Type 3B</b>	Prostrate vine indeterminate growth with long runners
<b>BCMV</b>	Bean common mosaic caused by the specified strains of Bean common mosaic virus
<b>BCTV</b>	Curly top caused by Beet curly top virus
<b>BGYMV</b>	Bean golden yellow mosaic caused by Bean golden yellow mosaic virus
<b>CI</b>	Anthraco nose caused by <i>Collectrichum lindemuthianum</i>
<b>Psp</b>	Halo blight caused by <i>Pseudomonas savastanoi</i> pv. <i>phaseolicola</i>
<b>Pss</b>	Bacterial brown spot caused by <i>Pseudomonas syringae</i> pv. <i>syringae</i>
<b>Ua</b>	Rust caused by the specified races of <i>Uromyces appendiculatus</i>
<b>HR</b>	<b>High Resistance:</b> 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.
<b>IR</b>	<b>Intermediate Resistance:</b> 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.

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