

Great Northern Andromeda <13151>

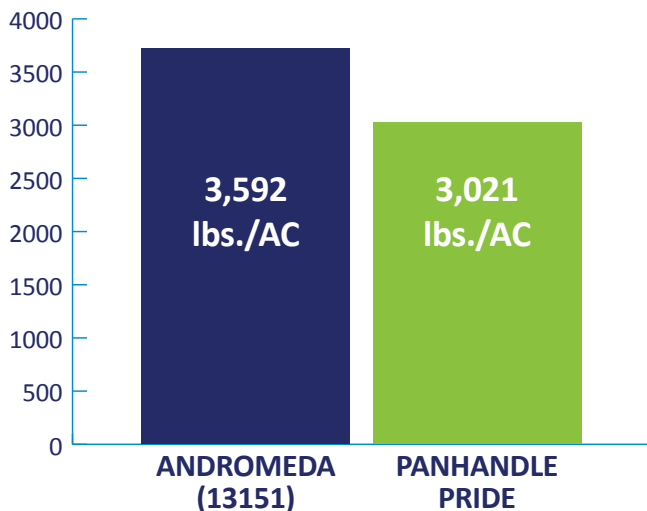


High Yielding, Early Season, Blight Tolerant Great Northern with Excellent Seed Type

PROFILE

Great Northern Andromeda is a broadly adapted great northern bean variety ideally suited to Nebraska and Colorado production regions. Andromeda has shown significantly higher yield potential than the new great northern bean, Panhandle Pride. In addition Andromeda's semi-upright architecture aids growers in maintenance and harvest of the crop as well as potentially maintaining seed quality during irrigation and/or rains versus a prostrate variety.

Assuming a 571 lbs./AC yield advantage compared to Panhandle Pride.* Growing Andromeda will potentially increase your profit by \$170/AC on \$30/cwt. beans. This amounts to \$17,000 on 100 acres.



* Yield data based on 11 yr./locations of data.

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

*** Seed count data is based on 11 yr./locations of data.

Yield and Maturity data from 2016 - 2018 public trials in Mitchell and Scottsbluff. Seed Count data from 2013-2018 data which included public and private trials in Mitchell, Scottsbluff, and Twin Falls, ID



TRIAL DATA

ANDROMEDA

- Semi-upright architecture that enhances growers harvest and maintenance of the crop versus a prostrate variety.

Approx. Maturity

89-93 days or about 2 days earlier than Panhandle Pride.**

Approx. Seed Count

1,069 sds./lb. compared to Draco seed count of 1,333 sds./lb.***

Disease Resistance

Has demonstrated some field tolerances to common bacterial blight and brown spot.

**TO PURCHASE SEED:
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**Plant Variety Protection for GN Andromeda (13151) 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

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.

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