

Great Northern Virgo <13172>

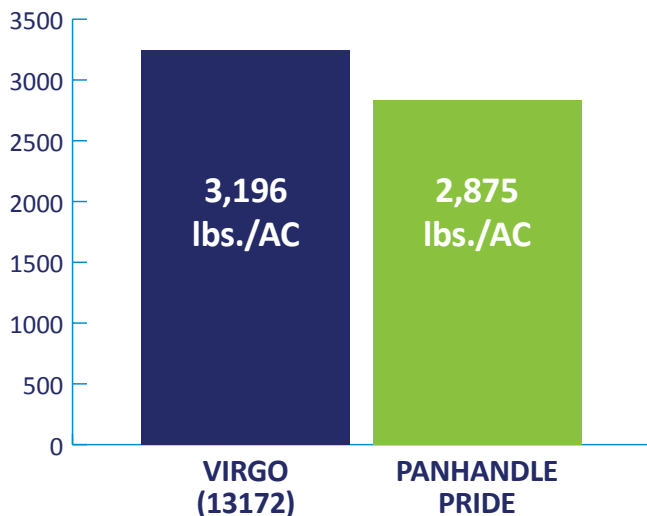


Tall, High Pod Set Direct Harvestable Great Northern

PROFILE

Great Northern Virgo is a broadly adapted great northern bean variety ideally suited to Nebraska and Colorado production regions. GN Virgo has shown significantly higher yield potential than the new great northern bean Panhandle Pride. It's upright architecture allowing for ease in direct harvest provides great flexibility for farmers come harvest time. In addition the Virgo's architecture keeps the plant standing through potential rains as it matures which aids in re-taining product quality.

Assuming a 321 lbs./AC yield advantage compared to Panhandle Pride.* Growing Virgo will potentially increase your profit by \$96/AC on \$30/cwt. beans. This amounts to \$9,600 on 100 acres and the added benefit of upright architecture.



* Yield data based on 8 yr./locations of data.

** Maturity data is based on 8 yr./locations of data.

*** Seed count data is based on 7 yr./locations of data.

Yield and Maturity data from 2015 - 2018 public trials in Mitchell and Scottsbluff. Seed Count data from 2013-2016 public and private trial data in Mitchell, Scottsbluff, and Twin Falls, ID.



TRIAL DATA

VIRGO

- Excellent upright architecture suitable for direct harvest.

Approx. Maturity

91-95 days or about 2 days later than Panhandle Pride.**

Approx. Seed Count

1,264 sds./lb. compared to Draco seed count of 1,359 sds./lb.***

Disease Resistance

Has shown resistance to prevalent strains of rust that currently affect the Nebraska and Colorado growing regions.

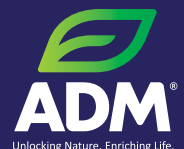
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**Plant Variety Protection for GN Virgo (13712) is applied for.
Unauthorized propagation of this variety is prohibited.**

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	Anthracoze 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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