

NEW!

Great Northern 14164

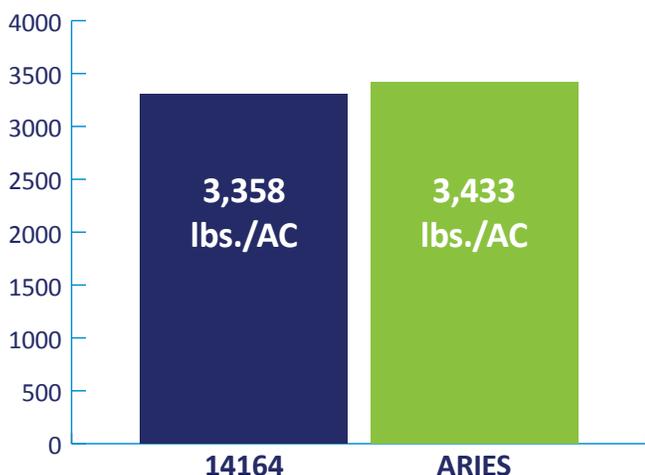


High Yielding Direct Harvestable Great Northern Bean

PROFILE

14164 has shown broad adaptability in trials throughout the High Plains, Idaho and in the MINDAK region. 14164 is indeterminate, upright in it's architecture and provides great yield potential to the grower.

14164 has shown comparative yields to great northern Aries. It's erect structure provides great ability for wind aeration between rows as well as great lodging resistance for ease of harvest.



* Yield data based on 12 yr./locations of data.

** Maturity data is based on 11 yr./locations of data.

*** Seed count data is based on 7 yr./locations of data.
Data from trials in Scottsbluff and Mitchell, Nebraska.

TRIAL DATA

14164

- Excellent upright architecture for direct harvestability.
- Excellent seed color, appearance and shape.

Approx. Maturity	90 days or about 1 day later than Aries**
Approx. Seed Count	1,207 sds./lb. as compared to Aries at 1,343 sds./lb.***
Disease Resistance	Resistant to Rust strains tested for at Colorado State University

**TO PURCHASE SEED:
CONTACT YOUR LOCAL DEALER**

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Great Northern 14164



High Yielding Direct Harvestable Great Northern Bean

**Plant Variety Protection for GN 14164 is contemplated 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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