



# Orion

## High Yielding Upright



## GREAT NORTHERN

Orion - High Yielding Upright Great Northern

### Profile:

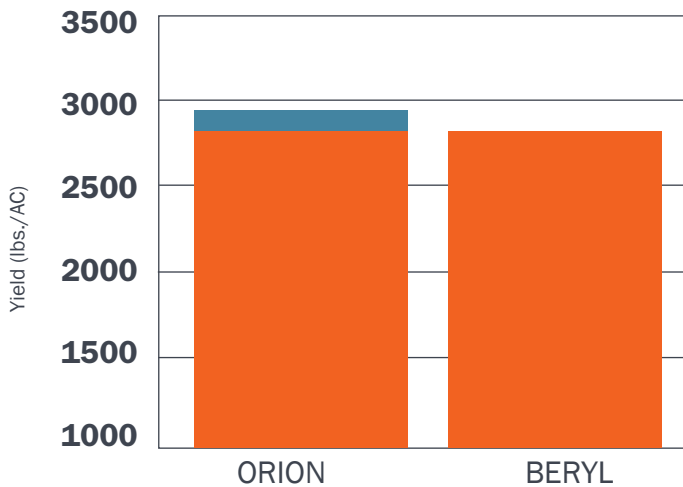
Orion is an upright medium profile variety. It is similar in plant type to Beryl, but more upright. Orion has a larger and more consistent seed size than beryl from year to year. Overall, Orion has demonstrated better canning quality than Beryl in four canning trials with Michigan State University.

### Economic Profile:

Assuming a 160 lbs. increased yield compared to Beryl, growing Orion could potentially increase your profit by \$56/AC on \$35/cwt. beans. This amounts to \$5,600 on 100 acres.



### ORION VS. BERYL\*



\*Data from the Great Plains region

### TRIAL DATA

#### ORION\*

<b>Approx. Maturity</b>	103-107 days
<b>Plant Type</b>	2B
<b>Approx. Seed Count</b>	1,331 seeds/lb.
<b>Disease Resistance</b>	IR: BCMV

\*See reverse side for disease resistance abbreviation chart

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## 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>	Anthraxnose 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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For more information, please contact your Seedwest dry bean dealer or visit [www.Seedwest.com](http://www.Seedwest.com).

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