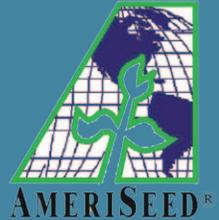




Sonora**

Mid-season, high yielding,
upright pinto



PINTO BEAN

Profile:

Sonora, an Ameriseed variety distributed by Seedwest, is an upright medium profile variety which holds its pods off the ground, lending itself to direct harvest.

Economic Profile:

Assuming a 275 lbs./AC yield advantage compared to Maverick, this variety can potentially increase your profit \$44/AC on \$16/cwt. beans, minus the difference in seed cost/AC. This can calculate out to an approximate \$5,900. Sonora also has an added economic benefit when it is direct harvested in the form of savings on fuel, labor, equipment and normally results in a cleaner crop out of the field. Further testing is needed before quantifying the savings that can be achieved with direct harvesting this variety.



SONORA vs. MAVERICK*



*Data from the MIN-DAK region

TRIAL DATA*

Sonora**

Approx. Maturity	94-98 days
Plant Type	2B
Approx. Seed Count	1,442 seeds/lb.
Disease Resistance	IR: Ua

* See reverse side for disease resistance abbreviation chart

** Also tested as 99233

For customers around the world, ADM draws on its resources—its people, products, and market perspective—to help them meet today's consumer demands and envision tomorrow's needs.

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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	Anthracnose 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.

ADM Seedwest

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For more information, please contact your Seedwest dry bean dealer or visit www.Seedwest.com.

Note: All variety information presented herein is based on field and laboratory observation. Actual crop yield and quality are dependent upon many factors beyond our control and NO WARRANTY is made for crop yield and quality. Since Environmental conditions and local practices may affect variety characteristics and performance, we disclaim any legal responsibility for these. Read all tags and labels. They contain important conditions of sale, including limitations of warranties and remedies. Seedwest is a registered trademark of ADM, P.O. Box 1470, Decatur, IL 62525. www.seedwest.com

