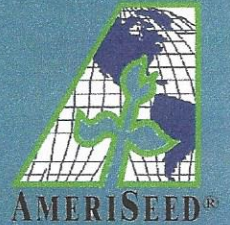




Pinto 'Cowboy' (11278)

Direct harvestable high yielding



PINTO BEAN

High yielding upright

Profile:

Cowboy has shown broad adaptability in trials throughout the High Plains, Idaho and in the MN-DAK region. Cowboy is indeterminate, upright in it's architecture and tends to be broader than Sinaloa and provides great yield potential to the grower.

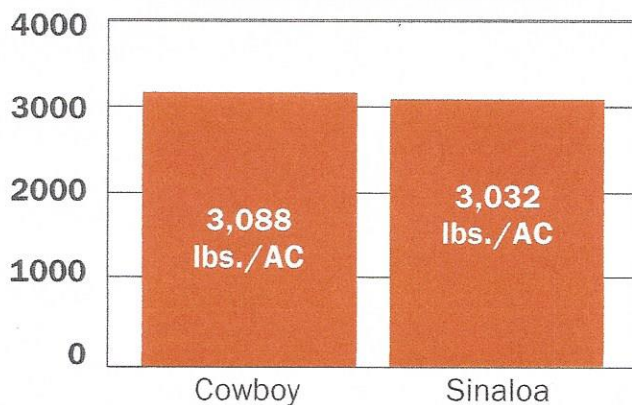
Excellent seed color, color retention, appearance and shape.

Economic Profile:

Assuming a 56 lbs./AC yield advantage compared to Sinaloa.* Growing Cowboy will potentially increase your profit by \$16/AC on \$30/cwt. beans. This amounts to \$1,600 on 100 acres .



COWBOY VS. SINALOA



Yield data based on 23 yr./locations of data.
Data from 2012 - 2016 trials in Buxton, Forest River, Hatton, Prosper, Northwood, St. Thomas and more.

TRIAL DATA

COWBOY

Approx. Maturity	Matures approx. the same as Sinaloa
Approx. Seed Count	1,247 seeds/lb.
Disease Resistance	Resistant to Rust strains tested for at Colorado State University

Maturity data is based on 14 yr./locations of data.
Seed count data is based on 23 yr./locations of data.
See reverse side for disease resistance abbreviation chart.

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	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>Pseudomaonas 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.

PT Cowboy was developed through ProVita, Inc.'s pinto breeding program through a contract with AmeriSeed LLC and is the sole property of AmeriSeed LLC.

Plant Variety Protection for PT Cowboy is approved. Unauthorized propagation of this variety is prohibited.

PT Cowboy is the sole property of AmeriSeed LLC and is protected by U.S. Plant Variety protection and is patent pending. Any use of this variety for any purpose without express written consent of AmeriSeed LLC is prohibited.

ADM Seedwest

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

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