



Pinto 'Vibrant'

Slow Darkening



PINTO BEAN

High yielding, direct harvestable, slow darkening

Profile:

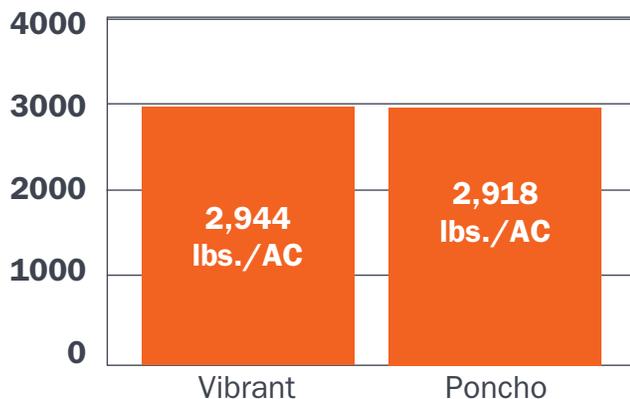
Vibrant has shown broad adaptability in trials throughout the High Plains, Idaho and in the MN-DAK region. Vibrant is indeterminate, upright in its architecture and provides great yield potential to the grower.

Vibrant has a slow darkening gene which maintains its color through the natural aging process. The slow darkening gene along with upright architecture preserves the quality and value of Vibrant through adverse weather conditions that normally darken and degrade traditional pintos. Vibrant has excellent seed color, color retention, appearance and shape.

Preliminary data shows Vibrant yielding competitively with Poncho in the High Plains while giving the farmer the added benefit of direct harvestability and slow darkening gene.



VIBRANT VS. PONCHO



Yield data based on 8 yr./locations of data.
Data from 2013 - 2016 trials in Twin Falls, ID, Mitchell, NE and Scottsbluff NE.

TRIAL DATA

VIBRANT	
Approx. Maturity	Approx. 2 days later than Poncho.
Approx. Seed Count	1,367 seeds/lb. compared to Poncho with a seed count of 1,251 sds./lb.
Disease Resistance	Resistant to Rust strains tested for at Colorado State University; BCMV resistant

Maturity data is based on 8 yr./locations of data.
Seed count data is based on 5 yr./locations of data.
See reverse side for disease resistance abbreviation chart.

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www.Seedwest.com

800-637-5843

seedwest@adm.com





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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	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.

PT Vibrant was developed through ProVita, Inc.'s pinto breeding program through a contract with ADM Edible Bean Specialties, Inc. and is the sole property of ADM Edible Bean Specialties, Inc.

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

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ADM Seedwest

P.O. Box 1470

Decatur, Illinois 62525

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

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