



# Plant for Performance and Grow with Confidence.



# **Benefits and Features**

- >> Improves yield potential
- » Improves nutrient use efficiency
- » Improves water use efficiency
- >> Improves drought and heat tolerance during pre-bloom and reproductive growth



Average values collected from third-party research cooperators and commercial side by side plots during 2018-2019

# How it works

- » Aides in increasing bioavailability of potassium in the soil
- Potassium is critical in helping plants respond to drought stress
- >> Improves water uptake efficiency and plant health
- >> Improves conditions for healthier plants and roots
- >> Improves tolerance of drought and heat by improved nutrient uptake efficiency
- >> Improves seed nutrient conditions for root and plant growth and seed germination

# Improves early season establishment and mid-season development

# Population after extreme heat - June 2019 40,000 30,000 30,760 36,060 Untreated biotrinsic™



Untreated biotrinsic™

# 18% increase in root biomass



Untreated biotrinsic™

indigo

**BIOLOGICALS** 

<sup>\*</sup>Product performance information based on third-party field trials. Results will vary across growers and farm operations. A number of variables may affect agronomic outcomes. Indigo does not make any representations, warranties or guarantees as to any specific results or outcomes. Product may not be available in all areas. Limitations, terms, and conditions apply.



# What makes biotrinsic<sup>™</sup> different

biotrinsic<sup>™</sup> consists entirely of endophytes. This means that it lives inside the plant and works from within the plant tissues. It doesn't just live in the soil. biotrinsic<sup>™</sup> delivers a range of benefits throughout the season:

- O Helps mitigate drought and heat stress
- O Greater efficiency of water use
- O Nutrient use efficiency
- O Supports conditions for root and plant growth

## From Plants for Plants

biotrinsic™ comes from plants and is not discovered in a lab. It's an all naturally occurring microbe that has been extracted from plants thriving in stressful conditions. We isolate microbes that are abundant in plants that are thriving under stress while other plants around them are not. This allows us to tailor our products to a specific crop and set of stresses.

## **Probiotics for Plants**

By using endophytes, the plants have naturally selected to incorporate these into their own tissue. We apply them at a high concentration to maximize the benefit.

	Active Ingredient	<b>Host Crop</b>	<b>Host Tissue</b>	Туре
Etymology	Cladosporium tenuissimum	Cotton	Seed	Endophyte

# **Product details**

Active Ingredients	Packaging	Application Rate	Formulation	Case Treats
Cladosporium tenuissimum 1.0 × 10 <sup>6</sup> CFU/g	5×1×20 Units	1 vol oz/CWT	FP	100 units or 5,000 lbs (1 unit = 240,000 seeds = 50 lbs)

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