

Revv-UP™

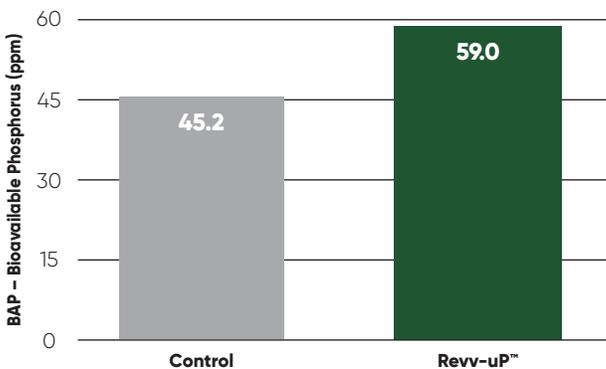
NEXT GENERATION BIOLOGICAL SOLUTION FOR PHOSPHORUS USE EFFICIENCY

Revv-uP™ is made up of two specific plant growth promoting rhizobacteria (PGPRs) in spore form. Once the PGPRs become active, they help convert applied phosphates or phosphates tied up in the soil into a soluble, plant available form, increasing uptake, utilization, and agronomic ROI. Revv-uP was designed to be applied with liquid phosphates.

BENEFITS

- Plant growth promoting rhizobacteria (PGPRs) in spore form
- Once active, PGPRs help convert applied phosphate or phosphate tied up in the soil into soluble, plant available forms
- Healthier rooting system
- Helps mitigate stresses associated with salinity
- Designed to be applied with liquid phosphates

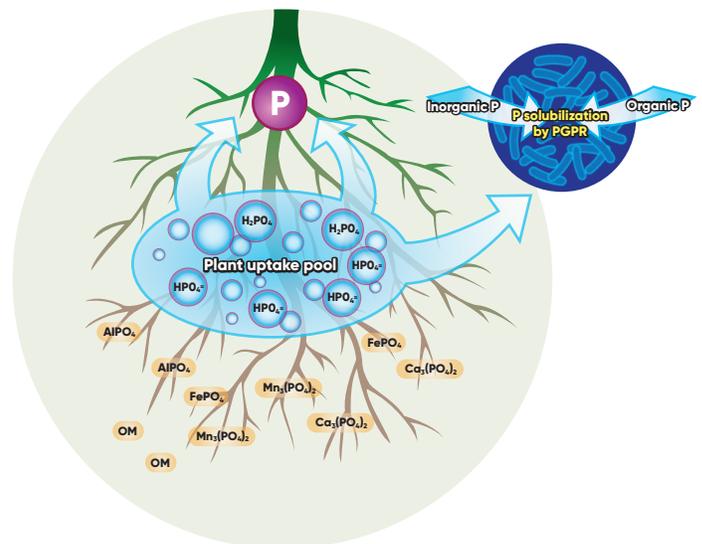
REVV-UP™ CAN INCREASE PLANT-AVAILABLE SOIL P



Results reflect average of four greenhouse pot study trial conducted by Innvictis trial partner. All Treatments received standard fertility. Data Significantly different at * p<0.10.

HOW REVV-UP™ TECHNOLOGY WORKS

1. The bioactives in Revv-uP – *Bacillus tequilensis* and *Bacillus velezensis* – produce organic acids and enzymes that transform insoluble P to soluble forms that are plant accessible.
2. Increases in bioavailable phosphorus can provide expanded root volume, improving nutrient uptake.
3. This ultimately enables optimal plant growth and improved yield potential.



PRODUCT PROFILE

Mechanism of Action:	Phosphorus solubilization
Fertilizer Compatibility:	Effective with a wide range of fertility solutions to include starter fertilizers, UAN and blends. Contact an Innvictis BioScience representative for a complete list of compatible fertilizers.
Active Ingredients –Proprietary PGPR strains:	Bacillus velezensis (5 x 10 ⁷ cfu/mL) Bacillus tequilensis (5 x 10 ⁷ cfu/mL)
Packaging:	2 x 2.5 gal case, Tote
Shelf life :	24 month in concentrate Up to 18 months in fertilizer

STAND ALONE APPLICATION (ON FARM TANK-MIX)

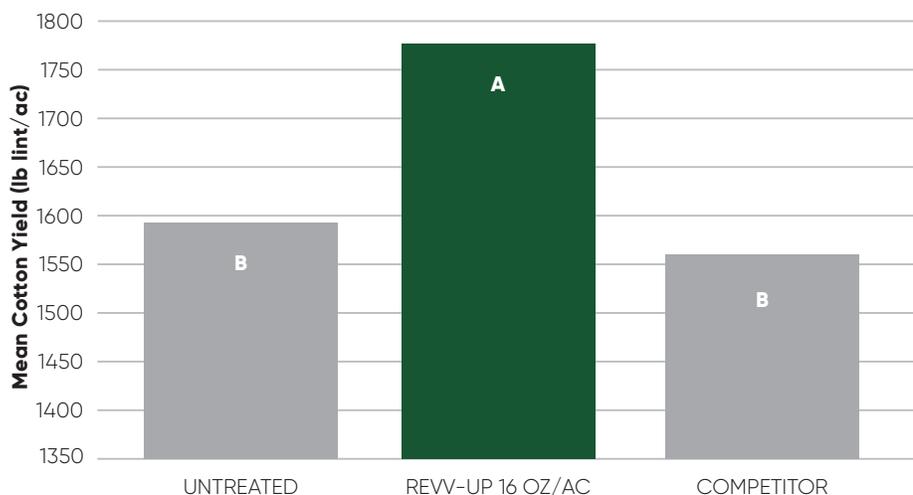
Starter or Sidedress:	16–32 oz/A
Topdress:	16–32 oz/A

AS INGREDIENT SOLUTION (V/V)

UAN @ 20 GPA:	0.5% by volume
UAN @ 10 GPA:	1% by volume
Starter @ 5 GPA:	2% by volume
Starter @ 3 GPA:	3.5% by volume

COTTON TRIALS - EASTERN US

COTTON YIELD RESPONSE TO REVV-UP



Spring P Trial
Proctor, AR

Application Timing
5-LF with UAN at sidedress

- Cotton Treated with Revv-uP increased lint yield when compared to the untreated control.
- 181 lb lint increase with Revv-uP

Mansour, 2021

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)