



# REGALIA<sup>®</sup> Rx

REGALIA<sup>®</sup> Rx is an advanced biofungicide that “switches on” plants’ natural defenses to boost plant vigor, combat fungal and bacterial diseases, and enhance yield potential. It features multiple modes of action and has been shown to be synergistic—and tank-mix compatible—with leading fungicides. This profile makes REGALIA Rx an ideal partner in resistance management and an easy addition to strengthen an existing fungicide program. Add REGALIA Rx to the mix and benefit from better plant health, better yield, and a better bottom line.





## THE SCIENCE OF REGALIA RX

REGALIA Rx has multiple modes of action collectively referred to as Induced Systemic Resistance (ISR). When applied to crops, REGALIA Rx creates a defense response in treated plants, improves vigor, and promotes growth. The result is a crop that is healthier, stronger, and more productive.

### INHIBITS PATHOGEN GROWTH

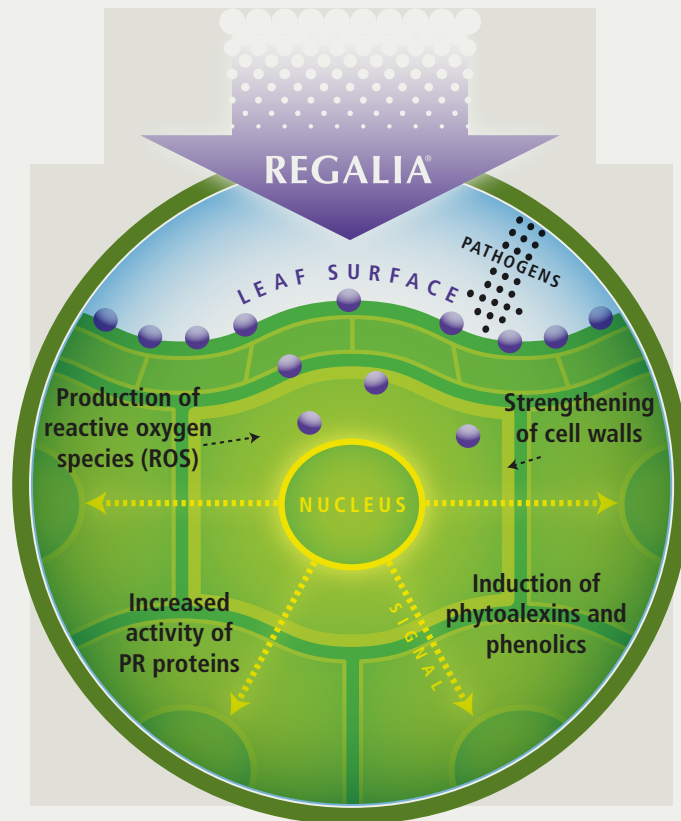
ISR triggers the creation of several antimicrobial compounds that help treated plants inhibit and restrain pathogen growth. In plants treated with REGALIA Rx, phytoalexins and phenolic compounds are induced, activity of defense-related PR proteins is increased, and levels of reactive oxygen species (ROS) are elevated.

### STRENGTHENS CELL WALLS

ISR signals the plant to accumulate more lignin, which thickens and strengthens cell walls. This added strength helps protect against penetration by pathogens and lends structural integrity to the plant.

### PROMOTES PLANT GROWTH

In addition to disease control, REGALIA Rx also enhances plant health by stimulating the production of phytohormones and chlorophyll—a critical compound in photosynthesis, the energy-producing reaction in plants. Higher energy production can lead to more vigorous plant and root growth and, ultimately, yield increases.



GROUP P5 FUNGICIDE

REGALIA Rx-treated plot produced larger, fuller ears.



(Left) Untreated (Right) REGALIA Rx 1 pint w/Quilt® 10.5 oz./acre

REGALIA Rx helps promote plant growth by increasing the production of chlorophyll; treated plots show greener coloring.



Soybean field treated with synthetic fungicide; plot in back left corner was treated with synthetic fungicide + REGALIA Rx at 1 pint/acre.





With REGALIA Rx there is no risk of yield drag.  
 The product acts preventively to improve the overall health and vigor of your crop.  
 The result? Healthier crops and higher yields.

### PROVEN PERFORMANCE

Commercial harvest data, as well as replicated university and third-party research trials, consistently show that REGALIA Rx controls diseases and increases yield in crops such as corn, soybeans, wheat, cotton, and rice.

### PARTNER IN RESISTANCE MANAGEMENT

Many commonly used fungicides are known to have a high risk of resistance. However, risk of resistance is very low with REGALIA Rx due to its multiple modes of action. Adding REGALIA Rx to an integrated resistance management program can help extend the life of synthetic fungicides.

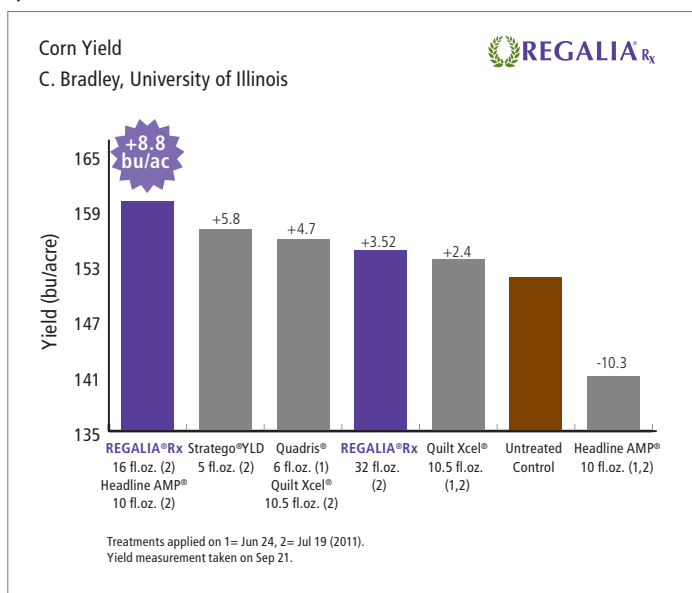
### CONTROLS SOILBORNE AND FOLIAR DISEASES

REGALIA Rx is a versatile solution for disease control from planting to harvest. Recommended initially as a foliar application, REGALIA Rx is also labeled for use as an effective soil treatment in certain crops. Used alone or in combination with other fungicides, REGALIA Rx delivers effective control against major fungal and bacterial pathogens.

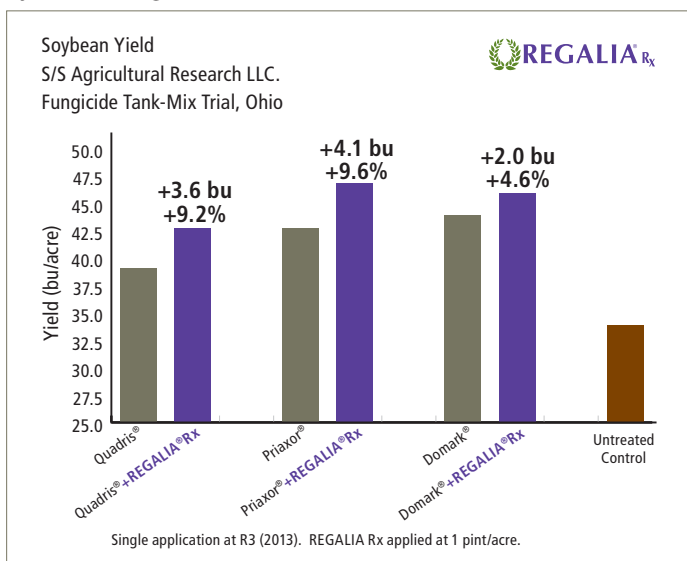
### USE IN CONVENTIONAL, SUSTAINABLE, AND ORGANIC PRODUCTION SYSTEMS

REGALIA Rx is an excellent choice for control in conventional, sustainable, and organic production systems. Organic growers get the same reliable effectiveness as conventional growers. REGALIA Rx is recognized as fully compliant for use on organic crops by the National Organic Program (NOP) and is listed by the Organic Materials Review Institute (OMRI). In addition, REGALIA Rx offers a tolerance exemption for growers concerned about residue levels on harvested crops.

REGALIA Rx mixed with Headline AMP® outyielded all other products and mixes.



Added to the tank, REGALIA Rx boosts the performance of synthetic fungicides.





## HIGHLIGHTS

- Controls a broad spectrum of fungal and bacterial diseases
- Improves plant health and vigor
- Complex mode of action
  - Induced Systemic Resistance (ISR)
  - Unique FRAC Code—Group P5
- Minimizes risk of resistance; extends life of synthetic fungicides
- Preventive solution; activates natural defenses
- No yield drag
- Tank-mix compatible with many leading fungicides
- Rainfast in 1 hour
- 4-hour REI / 0-day PHI
- For ground and aerial applications
- Approved for foliar and soil applications
- OMRI approved and NOP compliant

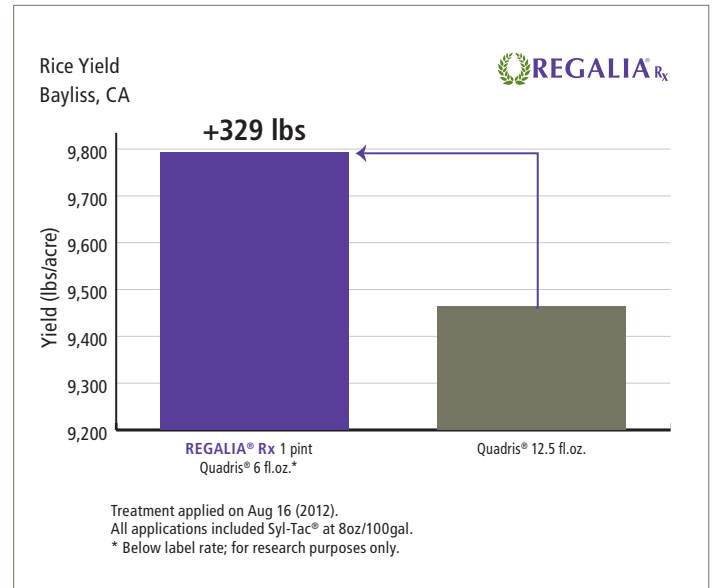


CAN BE USED IN ORGANIC PRODUCTION

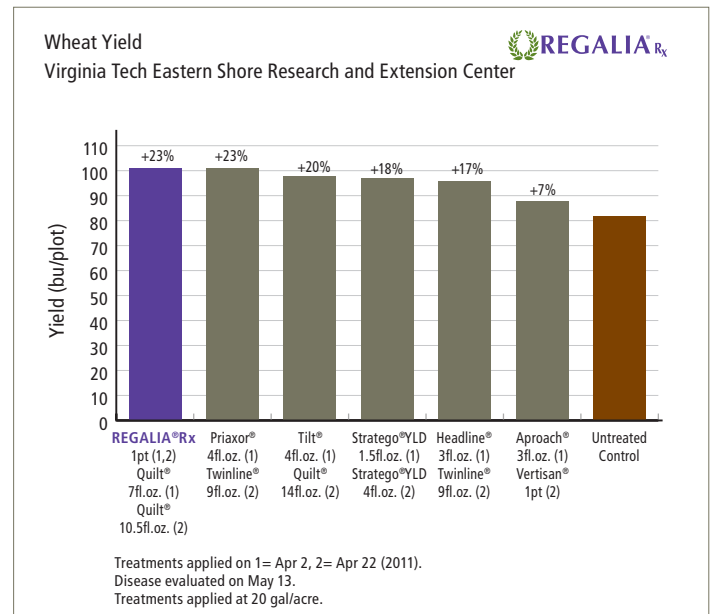
Always read and follow label directions.

**GROUP P5 FUNGICIDE**

REGALIA Rx mixed with Quadris® increases yield beyond using Quadris alone.



REGALIA Rx plus Quilt® improves wheat yield.



FOR ADDITIONAL INFORMATION,  
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