



ON RICE

# Flip the switch for higher yields.



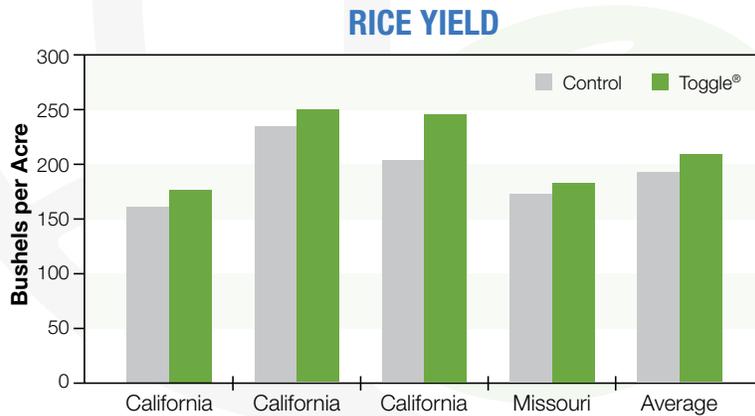
## BENEFITS TO RICE

- Enhances nutritional uptake
- Mitigates environmental stresses
- Improves overall yield

Specially developed for row crops, Toggle® is an innovative technology that is scientifically proven to boost yields. It works at the cellular level to improve plant growth and development. Through its complex array of specific active compounds, Toggle® enhances root development and nutrient uptake while increasing stress resistance, allowing crops to reach their full yield potential.

## TOGGLE® IMPROVES YIELD AND QUALITY

Improved nutritional uptake and stress resistance – these are just some of the benefits of Toggle® that help your plants grow stronger and produce higher yield.



In four trials, rice yield was improved by 16 bushels per acre (8.2%) on average, when Toggle® was added to the standard program.



# HOW DOES TOGGLE® BENEFIT RICE?

**ENHANCES ROOTING** Maximizing crop yield and quality begins with a healthy root system. Toggle® helps boost rice yields by ensuring a strong root system even in challenging conditions. It contains unique bioactive compounds such as fucose-rich polysaccharides and alginates, which enhance root initiation and formation of small absorptive roots. This leads to improved plant establishment along with more efficient uptake of water and nutrients.

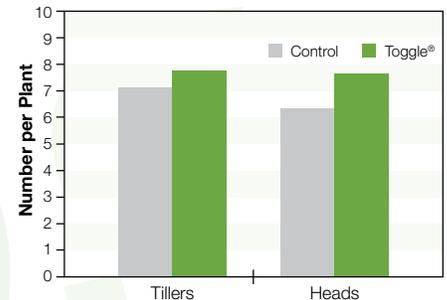


Twenty-five days after transplanting, the rice plants treated with Toggle® had visibly larger roots than the Control plants.

**ENHANCES NUTRITIONAL UPTAKE** Enhance your crop's nutrient uptake by incorporating Toggle® in your rice program. Better nutrition translates to better growth for outstanding yields and top-quality rice.

Plants with healthier root systems absorb more water and nutrients from the soil, resulting in a stronger, more productive crop. In addition, Toggle® contains natural complexing sugars that bind to micronutrients, improving their translocation and bioavailability within the plant.

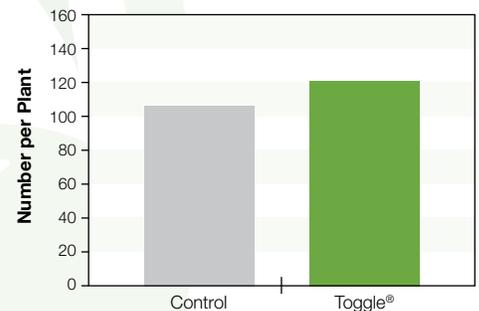
## TILLERS AND HEADS PRIOR TO HARVEST



Rice treated with Toggle® had more tillers and more heads.

**MITIGATES ENVIRONMENTAL STRESSES** Don't let stress ruin your yield! With its numerous bioactive compounds such as mannitol, unique polysaccharides and betaines, Toggle® improves plants' tolerance to a variety of stressful growing conditions including drought, heat, chill and salinity stress. Mid-season applications of Toggle® make your plants stronger and better able to defend themselves against numerous stresses.

## NUMBER OF FILLED GRAINS PER HEAD



Rice treated with Toggle® had more filled grains per head.

## IMPROVES OVERALL YIELD

Power up your rice yields by driving maximum root growth, nutrition uptake and stress resistance with Toggle®. You will see stronger growth and higher yield potential.

## RATES AND TIMINGS

- 1st application:** 8 ounces per acre in-furrow or banded at planting - OR - with row starter
- 2nd application:** 40 to 48 ounces per acre as a foliar broadcast at tiller initiation
- 3rd application:** 40 to 48 ounces per acre as a foliar broadcast at early panicle emergence

Toggle® mixes well with nutrients and other agricultural products.

**Acadian**  
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Sustainably Empowering Plants.

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