



## SOYBEANS

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.

### BENEFITS TO SOYBEANS

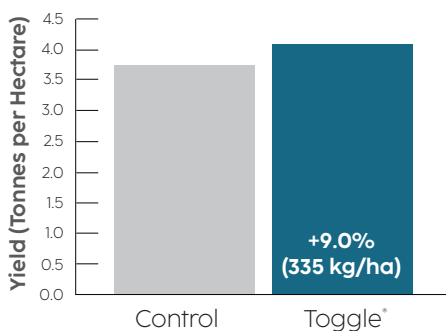
- Enhances rooting
- Improves nutritional uptake
- Mitigates environmental stresses
- Improves yield

## TOGGLE® IMPROVES YIELD AND QUALITY

Increase your soybean yields with optimum root growth, nutrition and stress management. You will see faster growth, greater yields and better quality soybeans.

### EFFECT OF TOGGLE® ON SOYBEAN YIELD

Foliar applications made with final glyphosate application at R1-R3 stage at 3-3.5 l/ha



Average of 38 replicated and non-replicated trials conducted in 2012 – 2016 in the following states: Indiana, Iowa, Michigan, North Carolina, Tennessee and Wisconsin.

Toggle® increased soybean yield by an average of 9%.



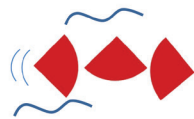
## HOW DOES TOGGLE® BENEFIT SOYBEANS?

**ENHANCES ROOTING** Toggle® sets the stage for robust soybean yields, by ensuring a strong root system even in challenging conditions. Maximizing crop yield and quality begins with a healthy root system. Toggle® contains unique bioactive compounds such as fucose-rich polysaccharides and alginates that enhance root initiation and formation of small absorptive roots. This leads to improved plant establishment along with uptake of water and nutrients.

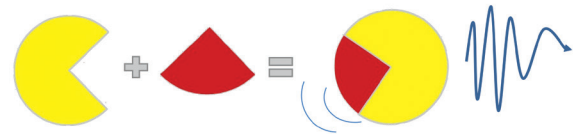


Addition of Toggle® to the standard soybean application program resulted in longer roots and more lateral roots, which means an increase in root surface area.

**IMPROVES NUTRITIONAL UPTAKE** Power up your soybeans' nutrient uptake by incorporating Toggle® in your growing program. Better nutrition translates to better growth for outstanding yields. 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 which bind to micronutrients, improving their translocation and bioavailability within the plant.



By themselves, nutrients can be tied up.



A complexing sugar surrounds the nutrient and can easily carry it to where it is needed.

**MITIGATES ENVIRONMENTAL STRESSES** Ensure your soybeans have a better chance at reaching their full potential. With its numerous bioactive compounds such as mannitol, unique polysaccharides and betaines, Toggle® improves plants' tolerance to a variety of stressful growing conditions including heat, drought, chill and salinity stress.



**IMPROVES YIELD** Soybean plants that are treated with Toggle® are healthier, producing more pods and more beans per pod.

Toggle®-treated soybean plants produced more three-bean pods; the beans from the Toggle-treated plants are also larger compared to soybeans from the standard program (Control).

### 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 spray from R1 - R3

Toggle® mixes well with nutrients and other agricultural products.



Toll Free: 1 800 575 9100 • Tel: +1 902 468 2840  
info@acadian.ca • WeSeaBeyond.com  
30 Brown Avenue, Dartmouth  
Nova Scotia, Canada, B3B 1X8