



ON SUGARBEETS

# Supercharge your sugarbeet yields



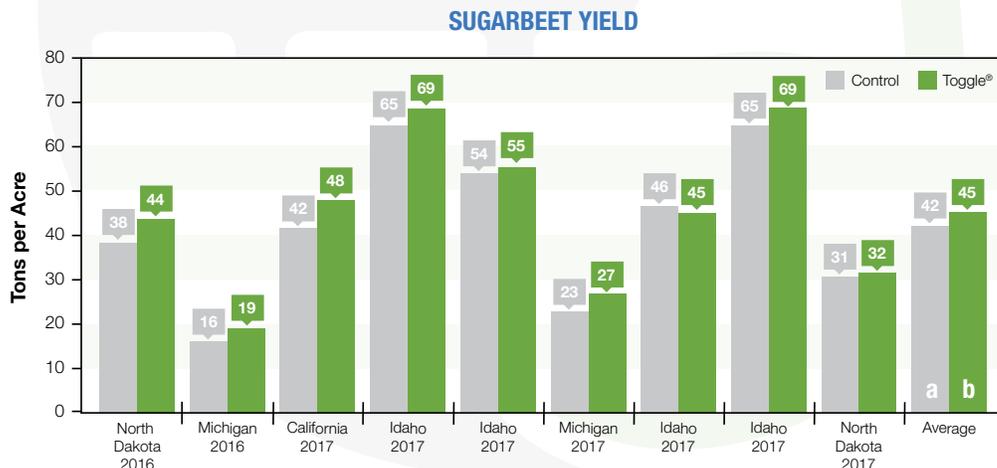
## BENEFITS TO SUGARBEETS

- Enhances rooting
- Improves 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. Toggle® 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 and allowing crops to reach their full yield potential.

## TOGGLE® IMPROVES YIELD AND QUALITY

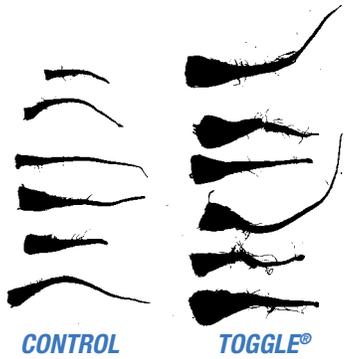
Increase your sugarbeet yields by ensuring optimum root growth, nutrition and stress management. You will see faster growth, greater yields and better quality sugarbeets.



Using Toggle® resulted in significant yield increases across multiple geographies with an average increase of 3 tons per acre. At US \$73.00 per ton, this increase is worth US \$219.00. (T-Test, p=.003)



# HOW DOES TOGGLE® BENEFIT SUGARBEETS?



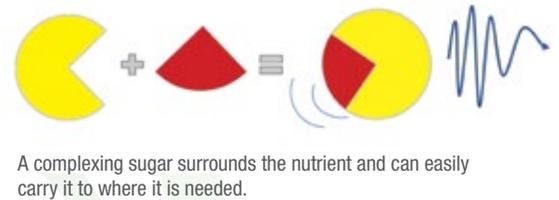
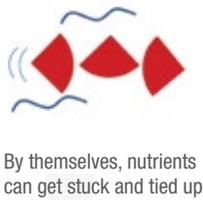
Pictures of sugarbeet roots taken by a WinRhizo® scanner three weeks after emergence. The roots of plants treated with Toggle® were visibly larger.

**ENHANCES ROOTING:** Maximizing crop yield and quality begins with a healthy root system. Toggle® sets the stage for strong sugarbeet yields, pushing a strong root system even in challenging early-spring conditions.

It contains unique bioactive compounds such as fucose-rich sulphated polysaccharides and alginates, which stimulate root initiation and enhance the formation of small absorptive roots. This leads to improved plant establishment and more efficient uptake of water and nutrients.

**IMPROVES NUTRITIONAL UPTAKE:** Power up your crops' nutrient uptake by incorporating Toggle® in your sugarbeet program. Better nutrition translates to better growth for outstanding yields and top quality sugarbeets.

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.



**MITIGATES ENVIRONMENTAL STRESSES:** Sugarbeets' long season makes them inherently open to environmental stresses. Toggle® improves plants' growth, making them stronger and better able to tolerate challenging growing conditions. 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.



Toggle® improves growth and vigor of sugarbeets grown under heat stress conditions.

## IMPROVES OVERALL YIELD:

Give your crops the power to resist even the toughest environmental stresses, grow faster, better and stronger for improved yield.

## 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 applied to soil or foliar at 80% row closure
- 3rd application:** 40 to 48 ounces per acre applied to soil or foliar at 100% row closure

Toggle® mixes well with nutrients and other agricultural products.



Tel: +1 902 468 2840 • [info@acadian.ca](mailto:info@acadian.ca)  
[www.acadianplanthealth.com](http://www.acadianplanthealth.com)  
[www.youtube.com/acadianplanthealth](http://www.youtube.com/acadianplanthealth)

