

LUCROS™-F

FOR A BETTER BEET

**The FBSciences Advantage:**

LUCROS-F is specifically formulated with Boron for superior root development leading to stronger, healthier growth and increased sugar content in sugar beets.

LUCROS-F utilizes our proprietary nutrient technology, which allows it to be readily absorbed by foliage and allows the nutrients to become significantly more mobile within the plant.

- » enhances carbohydrate & sugar transfer from leaves to roots/beets
- » increases stress resistance
- » improves yield & sugar content
- » may be applied with herbicides, insecticides, & fungicides for convenience
- » better juice purity



The sugar beets on the right are treated with Lucros-F, while the group on the left are the control group.



**LUCROS-F** – A foliar-applied liquid fertilizer product that is designed to provide Boron that may be deficient in the soil or plant. LUCROS-F also helps with the transfer of carbohydrates & sugars from foliage to the roots.

**BORON** – Required for all plant growth. Research has found that Boron is essential to the following plant functions:

**SUGAR TRANSPORT** - Boron increases the rate of transport of sugars (which are produced by photosynthesis in mature plant leaves) to actively growing regions, and increases translocation & mobility of sugars in the plant & roots.

**CELL WALLS** - Boron is involved along with Calcium in cell wall structure and the movement of Calcium into the plant & roots. It also is involved in normal Calcium nutrition.

**CELL DIVISION** - Boron is essential in the actively growing regions of plants, such as root tips and in new leaf and bud development.

**DIRECTIONS FOR USE** – Tank mix compatibility is impacted by water quality which may vary by location. Lucros-F is compatible with most of our other products. Lucros-F may be mixed with other foliar nutrient products, fungicides, insecticides, or herbicides. When mixing Lucros-F with other materials always establish compatibility using the standard quart jar method prior to tank mixing. Lucros-F should be applied as a foliar spray. Spray in the late evening or early morning. **DO NOT** spray to the point of runoff. Use as fine of a spray mist as possible. Allow 3-4 hours after application before sprinkler irrigation to avoid washing product off.

**RATES OF APPLICATION**

**SUGAR BEETS** - Apply to the foliage 1 pint/acre at full canopy (6-8 weeks prior to harvest) with 5-10 gallons of spray solution. A second application may be made 10-14 days later.

**NUTRIENT CONTENT**

Boron (B) ..... 2.00%

Derived from: Boric Acid

Net weight: ..... 8.35 lbs/gal  
 ..... 1 kg/l

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