

# BoronBoost® Foliar

ADVANCED BORON NUTRITION

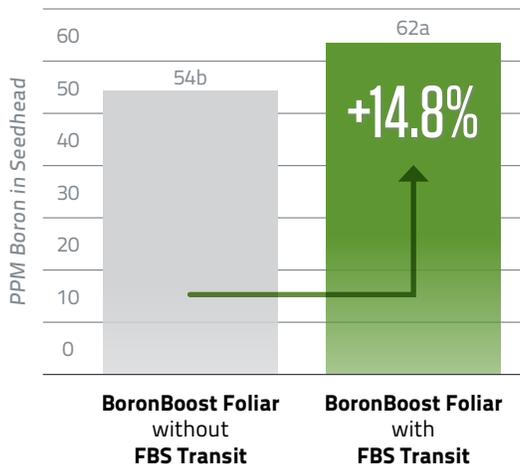


BoronBoost® Foliar is a premium, foliar-applied phloem mobile product built with a proprietary blend of FBS Transit®, our patented technology, along with various organic compounds that promote the rapid uptake, absorption and translocation of nutrients within the plant. Flowering and fruit set are particularly sensitive to boron deficiencies. Boron is phloem immobile in most plants therefore, the ability to facilitate boron transportation within the phloem will have a profound positive impact on the correction of the plant reproductive deficiencies by moving boron to the growing points of the fruiting structures, enhancing fruit retention.

- Improves Boron Mobility in Phloem
- Supports Pollination Success
- Supports Cell Wall Strength
- Supports Sugar Metabolism
- Increases Fruit Storability
- Improves Plant Health & Quality

## Phloem Mobility Study

UC Davis, California



## Trial Results

- BoronBoost Foliar with FBS Transit increased the amount of boron in the arabidopsis seedheads by 14.8% compared to BoronBoost Foliar without an inclusion of FBS Transit.
- BoronBoost Foliar provides enhanced uptake and movement. The plants were able to take up the boron through the leaves and transport it to the seedheads.

# BoronBoost® Foliar

## TECHNICAL INFORMATION

The nutrient and organic compounds in BoronBoost® Foliar address boron deficiencies commonly present in many soils.

### Importance of Boron in Plants

Boron is an immobile element that is essential in the synthesis of structural carbohydrates in the cell wall which promotes cell wall formation and strengthening. It is crucial for stages of rapid growth within the plant, such as pollination, seed production, and protein formation. It preserves the production and concentration of auxins, and is therefore vital in the formation of all new growth including roots, stems, leaves, flowers, fruit, and the vascular system. Boron also supports a balance between sugar and starch, and translocation of water and nutrition within the plant.

## RECOMMENDATION & COMPATIBILITY

For orchards and vineyards apply 1 to 8 pints per acre any time during growing season. Repeat as needed. Use the higher rate with spray volume greater than 50 gallons/acre. For all other crops apply 1 to 4 pints per acre any time during growing season. Repeat as needed.

BoronBoost Foliar is designed for foliar application in advance of visual deficiencies and may not be as effective if soil applied. BoronBoost Foliar should be applied as a foliar spray. May be applied in combination with other FBSciences' products such as PhotoGreen® Foliar and Zicron® Foliar.

BoronBoost Foliar is compatible with most nutrient and pesticide products. Recommended mixing sequence: water, adjuvants, pesticides, FBSciences nutrient products, other fertilizers, balance of water while agitating. A standard quart jar test is always recommended before tank mixing it with other materials.

See product label for complete Directions For Use.

## GUARANTEED ANALYSIS

**Boron (B)** ..... **6.0%**

Derived from: boric ethanolamine.

### Net Weight

10.2 lbs per Gallon @ 68° F

1.2 kgs per Liter @ 20° C

## ESSENTIAL ON A WIDE VARIETY OF CROPS

