

# BoronBoost® Soil

AN ADVANCED 6% BORON SOIL FORMULATION



BoronBoost® Soil is a premium, soil mobile boron product built with humic acids and a proprietary blend of FBS Transit®, our proprietary technology, that promotes the rapid uptake, absorption and translocation of nutrients within the plant. Flowering and fruit set are very sensitive to boron deficiencies. Boron is also extremely important for root development due to the role it plays in the structural and functional integrity of root cell membranes. Boron deficiency inhibits root elongation through limiting cell enlargement and cell division in the growing zone of root tips. BoronBoost Soil is designed to resolve boron deficiencies in all crops such as tree nuts, vineyards, fruit, vegetable, grain and forage crops.

- Improves Boron Mobility in Soil
- Supports Root Development
- Supports Pollination Success
- Supports Cell Wall Strength
- Supports Sugar Metabolism
- Increases Fruit Storability

## Boron Supports Healthy Root Growth



Soybean Ismail Cakmak, Sabanci University 2017

## Boron Supports Flowering & Fruit Set



Walnut R. Bell & P. Brown

## Boron Supports Seed Formation



Pea Bonillo et al. 2009, in Plant Phys. Dev.

# BoronBoost® Soil

## TECHNICAL INFORMATION

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

### Importance of Boron in Plants

Boron is an immobile element that is essential for cell wall formation and rapidly growing points within the plant, such as in pollination, seed production, and protein formation. It is vital in forming and strengthening cell walls. Boron is an essential nutrient for growth and development of healthy plants. It is essential for supporting a balance between sugar and starch and helps in the translocation within the plant. Boron promotes synthesis of structural carbohydrates in the cell walls and helps with the transfer of water and nutrition in plants.

## RECOMMENDATION & COMPATIBILITY

For all crops apply 1-6 quarts/acre any time during growing season. Repeat as needed.

May be applied via irrigation system or prior to irrigation. Apply enough water to move the product in the area of active rooting, but not excessive amounts that may leach. Use the higher label rates with surface and flood irrigation. Shake well and/or agitate before each use.

BoronBoost Soil is designed for soil applications in advance of visual deficiencies and may not be as effective if foliar applied. BoronBoost Soil is compatible with many nutrient and pesticide products. However, a standard 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 acid.

### ALSO CONTAINS NONPLANT FOOD INGREDIENT

0.6% Humic Acids derived from Leonardite

### Net Weight

10.0 lbs per Gallon @ 68° F

1.2 kgs per Liter @ 20° C

## ESSENTIAL ON A WIDE VARIETY OF CROPS

