

BoronBoost® Soil

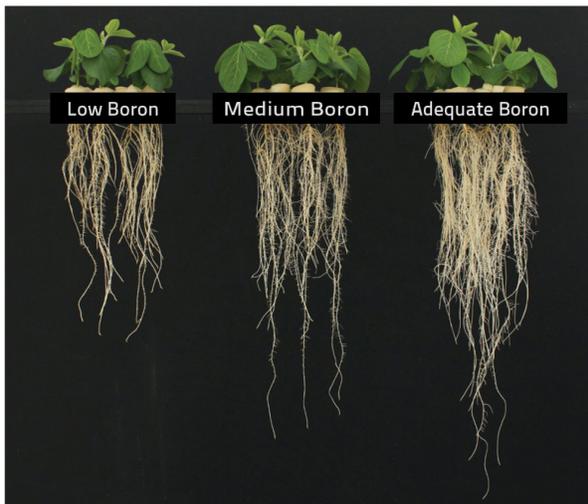
ADVANCED BORON NUTRITION



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.

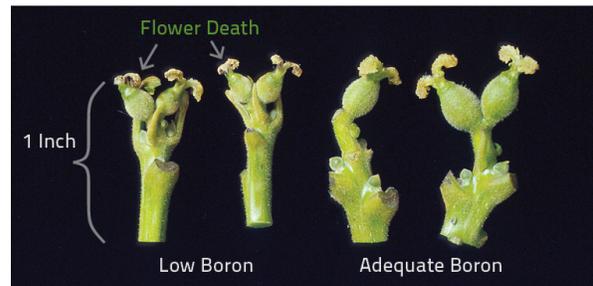
- Improves Boron Mobility in Soil
- Supports Root Development
- Supports Pollination Success
- Supports Cell Wall Strength
- Supports Sugar Metabolism
- Increases Fruit Storability

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 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 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.

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. Recommended mixing sequence: water, adjuvants, pesticides, FBSciences nutrient products, other fertilizers, balance of water while agitating. 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

