



Sunalta Boron

The Boron Solution for Seriously Deficient Soils



WHAT IS IT?

- Concentrated solution of boron in a **borate form** suitable for soil application.
- Fully soluble and the most appropriate form to provide boron in a soil solution in a timely manner for annual and perennial crop.
- Perfect for blending and application with fertilizers and pesticides.
- The process of manufacturing involves a selective process based particles size, weight/ density and other characteristics that make the product compatible with a wide range of fertilizers and chemistries used at burn off.

WHEN & WHY USE IT?

- Use with glyphosate at pre-burn or other soil applied liquid fertilizer or humate products.
- Use to correct boron deficiencies in crops found mainly in soils with low organic matter content, in acidic and sandy soils.
- Boron availability to plants generally decreases with increasing soil pH, especially above pH 6.5. However soils that are strongly acidic (having a pH less than 5.0) can also be low in available boron due to the interaction of soil minerals such as iron and aluminum oxide.
- The most consistent responses to this boron product have been observed on coarse-textured soils with low organic matter content and on recently limed acidic soils over the whole range of soil textures.
- Tillage and drought conditions should also be considered when assessing boron availability.

WHAT TO EXPECT?

- Improved cell wall structure by enhancing the uptake of calcium, which lead to stronger and healthier seedlings with more branching.
- Sound development of the xylem and phloem vessels early on in the development of the seedlings, improving translocation of water, minerals and carbohydrates.
- Correction of the boron deficiency.
- Fast acting and long lasting effect: applied onto the soil the boron slow-release and become available when most needed at bolting stage.
- **SAP testing conducted during the course of 2016 season on treated acres revealed two effect of the product during the early stages (3-5 leaf) and at bolting.**
- Boron regulates hormone levels in plant for growth and reproduction, which improves cell division at root tips, leaf and bud development.
- Is **extremely economical** to correct highly deficient soils.



Application Guidelines

- The product is recommended at 2-4L/ac depending on soil test.
- Use for soil application, during pre-burn or along with other soil applied liquid fertilizer or humate products.
- The amount of boron used in the soil as fertilizer varies according to application, soil moisture and rain, soil liming, organic matter and more importantly plant type. Soil test should be used as an indication of deficiency.

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