

BorrePlex OA™

Acidifies Water, Destroys Bicarbonates and Frees soil-bonded Calcium & Magnesium



**PLANT
FOOD
COMPANY, INC.**

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■ **Weight per gallon: 10.20 lbs.**

■ **pH: 2.6**

■ **Available Container Sizes:**

2x2.5 gallon case

30 gallon drum

55 gallon drum

275 gallon tote tank

OMRI™
Listed
Organic Materials
Review Institute

GUARANTEED ANALYSIS

Calcium (Ca)..... 1.00%

Sulfur (S)..... 1.50%

Derived from Calcium Lignosulfonate,
Lignosulfonic Acid

NON-PLANT FOOD INGREDIENTS:

Carbon 5.00%

HPLC Sugars 10.00%

BorrePlex OA is a modified organic acid derived from Lignin, a natural and renewable raw material that contains carbon and sugars. It acidifies irrigation water; improves water penetration; helps free up bound nutrients in alkaline soil; and supplies Carbon to soil microorganisms.

BorrePlex OA combines the unique properties of lignin and organic acids. **BorrePlex OA** provides the benefits of dissolving Bicarbonates and lowering pH. The lignin complex acts as a buffering agent against corroding metals which allows **BorrePlex OA** to be applied with conventional spraying equipment, or as an injected through an irrigation system.

Lignosulphonate molecule displays most of the properties attributed to humus present in soils: It is a source of plant nutrients due to the carbon and sulfur present in the Carbon pHiber molecule

- Acidulates irrigation water to improve water penetration into the soil.
- Destroys bicarbonates, which frees calcium to help build good soil structure and prevent soil from sealing over.
- Reduces the incidence of localized dry spots (reduces use of wetting agents).
- Improves fertilizer efficiency by solubilizing nutrients tied up in alkaline soils.
- Increases water use efficiency (reduction of water use) by improving water
- Improves efficiency of alkaline sensitive pesticides.

Directions for Use:

Stabilize Irrigation Water pH and Scale Control

For continuous injection treatment, inject 12-16 oz of **BorrePlex OA** in every 100 gallons of irrigation water with Hardiness of 3,500 ppm and pH of 7.5. Adjust injection rate based on titration test of irrigation water's hardness & water pH.

Cleaning Drip Irrigation Lines

Injection rates are determined by water alkalinity and water pH. Inject sufficient amounts of **BorrePlex OA** to reduce irrigation water pH to 3. Maintain water in system for a minimum of 30 minutes. In the absence of a titration test, Inject 4 to 8 quarts per acre per hour for one hour once a month.

Vegetable Crops:

BorrePlex OA can increase crop yield and size. For Tomatoes, Peppers, Lettuce, Spinach, Leaf, Cole Crops, Cucurbits, Beans, Peas, Potatoes, Root, Bulb or Tuber Crops, **apply 2-4 quarts of BorrePlex OA** per acre at planting. Repeat application of **2-4 quarts per acre** 30 days after planting. For crops that have a 28-30 growing cycle, apply **3-4 quarts of BorrePlex OA** per acre at planting.

Greens, Tees & Fine Turf:

For initial application, apply **1 oz per 1,000 sq. ft.** (44 oz per Acre) once or twice per month. Thereafter, reduce rate to 4 - 8 oz per Acre. Apply in spray tank with a minimum of 2 gallons per 1,000 sq. ft. (87 gallons per Acre). For best results, irrigate after application to work **BorrePlex OA** solution into the soil.

Fairways & Sports Turf:

Apply **8 -16 oz. per Acre** once or twice per month throughout the growing season. Irrigate after applying to move **BorrePlex OA** into the soil.

Storage and Handling:

Be sure to mix with plenty of water. Store above 40° F. Do not allow to freeze.

Caution:

Keep away from children. Avoid contact with eyes, open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact a physician immediately.

Notice and Limitation of Warranty:

The manufacturer and seller warrants that the material conforms to the product description on the label and is reasonably fit for the purpose stated, when used in accordance with the directions. Further, because of critical unforeseeable factors beyond the manufacturer's and seller's control which prevent them from eliminating all risks in connection with the use of fertilizers, the buyer and user acknowledge and assume all risks and liabilities resulting from handling, storage and use of this material. The terms of this notice may not be varied by any verbal or written statement.

BorrePlex OA is a registered trademark of **LignoTech USA, Inc.**