

CHB Soil pHlow

3-0-0

Guaranteed Analysis

Total Nitrogen (N).....3%

3% Urea Nitrogen

Sulfur (S).....16%

Derived from Urea and Sulphuric Acid

GENERAL INFORMATION

CHB Soil pHlow is an irrigation water treatment used to improve water quality by reducing the pH of water and can be used to flush systems. It is also a fertilizer and can be applied to the soil with elevated pH, and/or high lime content.

CHB Soil pHlow contains 0.35 lbs of Nitrogen as Urea, and 1.87 lbs of Sulfur in each gallon. It is not recommended as a foliar material.

DIRECTIONS FOR USE

WATER TREATMENT: Modify the pH of irrigation water to 6.5-7.0, or as recommended. Modifying pH below 6.0 may be done briefly, but is not recommended over prolonged periods of time. Applications where the pH is allowed to drop below a 6.0 (to a 3.0 – 4.0) are ok, but for no more than 15 minutes. Application rates will depend on the starting pH of the water. A lab analysis should be performed for rate recommendations prior to application. During application, field check the pH regularly using a pH meter to ensure safe usage.

CLEANING PLUGGED OR FOULED SYSTEMS: CHB Soil pHlow can be used for irrigation system maintenance or flushing plugged

or fouled systems.

SOIL APPLICATIONS: CHB Soil pHlow can be soil applied via mechanical application through direct spray or injection to the soil. Apply in a uniform manner that avoids droplets coming into contact with living tissue to avoid unintentional crop damage. It is not recommended in applications where material will come into direct contact with seeds or young roots in its concentrated form. Use acid compatible storage and equipment. Use caution when applying in soils with a pH lower than 7.0. High application rates of acid products in base or acidic soils may cause over-acidification.

SOIL APPLICATION DIRECTIONS FOR ROW CROPS OR VEGETABLES

Pre plant: Apply broadcast or band directly over listed beds. Incorporate with tillage or irrigation prior to worker re-entry. Pre plant injections directly into the bed can be made if the band is located a safe distance from the seed.

This material is not recommended for pop up applications, or any applications where product comes in contact with the seed or emerging seedlings.

Side dress or in-furrow: This material can be side dressed into bed or sprayed in-furrow. Incorporate with tillage or irrigation prior to worker re-entry.

SOIL APPLICATION DIRECTIONS FOR TREES & VINES

Pre plant: Spray in concentrated band down the planting line. Incorporate with tillage or irrigation prior to planting and/or worker re-entry.

Existing trees or vines: Band spray or shank application into the soil at or near dripline of the tree or in furrow for flood or furrow irrigated trees or vines. Incorporate with tillage or irrigation prior to worker re-entry.

WATER RUN: CHB Soil pHlow may be water run through furrow or flood irrigation. Add at a point in the system that has adequate water turbulence so as to permit complete mixing with the irrigation water prior to contacting any concrete or steel irrigation system components. This material is heavier than water and can ribbon out in slowly moving streams of water. Do not apply through sprinklers after the crop is planted. Avoid applications that acidify irrigation water below 6.0 pH for prolonged periods of time. Applications where the pH is allowed to drop below a 6.0 (to a 3.0 – 4.0) is ok, but for no more than 15 minutes. When applying this material via a fertigation system, continue to operate the system 30-60 minutes after material has been completely injected to flush clean water through the system. Verify compatibility of all system components with acid fertilizers.

COMPATIBILITY: CHB Soil pHlow is not typically compatible with other fertilizers and blending is not recommended without knowledge of compatibility. Contact a Bio-Gro representative for a limited list of compatible mixes. Under no circumstances should this product be mixed or blended in the field. Due to the low pH, improper blends or handling techniques can be hazardous. Mixing with high pH fertilizers may cause a hot and violent reaction. User assumes full responsibility to ensure product, equipment and plant compatibilities.

CONDITIONS OF SALE

Seller and/or manufacturer warrants only that this product consists of the ingredients specified on this label. No one is hereby authorized to make any warranty and/or guarantee concerning the use of this product. Being that the use, timing, placement, rate, application and other conditions are beyond the control of the seller and/or manufacturer, the seller's and/or manufacturer's liability for handling, storage and use of this product is limited to replacement of product or refund of purchase price.



Manufactured by:
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Nutrient Mixture, micronutrient mixture, mineral mixture



WARNING

H302: Harmful if swallowed. H315: Causes skin irritation.
H318: Causes serious eye irritation. H290: May be corrosive to metals

PRECAUTIONARY STATEMENTS

Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection. Wash skin thoroughly after handling.

11.7 lbs/gallon @ 68° F (1.4 kg/liter)

Net Contents: 250 Gal (946 L)

Net Contents: _____