

## **SEVERE DEFICIENCY**

### General Information

NutriSol 10% Calcium is a formulation designed for use in soil and foliar applications on crops requiring Calcium. NutriSol 10% Calcium is formulated for both soil or foliar applications. It may be applied in foliar applications to growing crops alone or with pesticides and may also be applied directly to soil alone or with pesticides or herbicides. NutriSol 10% Calcium may be used in drip irrigation systems and is compatible with most water-dispersed pesticides. It may be applied by conventional, low-volume or air application and is recommended for all field, row and vegetable crops.

Calcium, an essential part of plant cell wall structure, provides for normal transport and retention of other elements and strength in the plant. Calcium counteract the effect of alkali salts and organic acids within the plant and exists in a delicate balance with magnesium and potassium.

NOTE: Avoid co-application with phosphate-containing fertilizer solutions. Nutrisol 10% Calcium mixes readily with 32% and 28% Nitrogen as well as most herbicides, fungicides, and insecticides. However, a test for compatibility is recommended prior to large scale mixing.

### SOIL APPLICATION

Nutrisol 10% Calcium can be soil applied. Broadcast or band with water and/or pre-emerge herbicides and nitrogen solutions. Crops with severe deficiencies may require supplemental soil applications of Nutrisol 10% Calcium to maintain proper calcium concentrations in the soil. For best results when soil applied, split applications should be utilized. Do not place in direct contact with seed or starter fertilizer. Do not apply with fertilizers containing phosphorus.

### FOLIAR APPLICATIONS

Nutrisol 10% Calcium can be foliarly applied. Apply up to 4 gallons per acre by ground or air in enough water to provide maximum coverage. For crops requiring multiple Calcium applications about 4 gallons per acre, allow 10 to 14 days between applications. For foliar applications, Nutrisol 10% Calcium can be applied alone or in

tank mixes with agricultural chemicals and fertilizers. The use of tissue tests is highly recommended to monitor levels of Calcium in the crop. Tissue tests will serve as an aid to establish and maintain correct levels of Calcium for optimum plant growth and will help in avoiding over application.

#### DIRECTION FOR USE

Nutrisol 10% Calcium may be used in the soil or through foliar applications. For foliar use, multiple applications generally are more effective than a single application. It is recommended that a soil analysis be used to determine specific application rates. This product is compatible with most pesticides and fertilizers. However, a test for compatibility is recommended prior to large scale mixing. Always add Nutrisol 10% Calcium to water prior to the addition of pesticides and/or buffering agents.

#### HOW TO APPLY

At Planting: In row beside and just below seed. Band spray in a 4-6 inch width over the row

Broadcast: In the fall, after harvest. Do not work deeply into the soil. Fall application will aid decay of stubble.

In the spring when applying 32% or 28% nitrogen and/or herbicide.

Sidedress or Topdress: Include with nitrogen when sidedressing or topdressing; whether all nitrogen is applied at one time or if split applications are made, use Nutrisol 10% Calcium for optimum results and to stabilize nitrogen.

Foliar Feeding: Spray plants at “key stages” of plant growth.

Irrigation: Use in drip, center pivot, of good irrigation systems. Do not mix with fertilizers containing phosphorus.

#### Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Band](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Band](#)

Rates

[field\\_rates 0](#)

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Timings

[At-Plant](#)

[In the fall, after harvest.](#)