

MainstayTM Si

FORTIFIES CELL WALL STRENGTH



Guaranteed Analysis

Calcium (Ca)..... 10%
 Derived from calcium silicate
ALSO CONTAINS NON-PLANT FOOD INGREDIENT(S)
GUARANTEED ANALYSIS - SOIL AMENDING INGREDIENT(S):
 0.2%..... Soluble Silicon (Si) from Calcium Silicate
 99.8% Inert Ingredients (as a non-plant food ingredient)

Organic version available:  MainstayTM Si

General Information

CALCIUM & SILICON NUTRITION

MainstayTM Si is specifically formulated to provide efficient calcium and silicon nutrition. Silicon enhances the proper uptake and organization of calcium for cell wall structure.

ABIOTIC STRESS DEFENSE

Lack of calcium and silicon nutrition leads to abiotic stress and cell wall degradation. MainstayTM Si is unique in its ability to improve Abiotic Stress Defense and increase cell wall strength.

Product Usage

Abiotic Stress Defense	Apply 0.5-3 gals./acre as a soil application or 0.25-1.5 gals./acre as a foliar application during early season cell division/development. Repeat every 1 to 2 weeks.
Plant Nutrition	Apply 0.5-3 gals./acre as a soil application or 0.125-1.5 gals./acre as a foliar application during the growing season. Repeat every 1 to 2 weeks.
Fruit Firmness	Apply 0.5-3 gals./acre as a soil application or 0.25-1.5 gals./acre as a foliar application during early season cell division/development. Repeat every 1 to 2 weeks.
Cell Wall Strength	Apply 0.5-3 gals./acre as a soil application or 0.125-1.5 gals./acre as a foliar application during early season cell division/development. Repeat every 1 to 2 weeks.
Drought Stress	Apply 0.25-0.5 gals./acre as a soil application or 0.25-1.5 gals./acre as a foliar application during periods of reduced water availability and higher temperatures. Repeat every 1 to 2 weeks.



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Mainstay™ Si Handling Guidelines

PREMIXING

- Premixing is considered a best practice when sprayer agitation is not optimum. Proper hydration is essential for all applications. Recirculate or agitate while adding material.

COMPATIBILITY

- Always jar test first.
- Redox products are compatible with other Redox products when following product handling guidelines.
- Use caution with reactive materials, such as phosphorus and calcium.
- Avoid extreme shifts in tank pH. When utilizing Redox materials that acidify, check tank pH prior to adding buffers.

TANK MIXING

- Use of an anti-foaming agent is recommended. Fill the tank 50% full with water and initiate tank agitation prior to adding materials.
- Don't add material too quickly—this allows for more thorough hydration.
- The use of inductor assemblies is encouraged.
- Recirculate or agitate while adding material.
- Total foliar spray content of dry soluble Redox product should not exceed 2% solution (by weight).
- If material is not applied immediately, tank recirculation is required prior to application to ensure uniform product distribution.

REFER TO PRODUCT HANDLING GUIDELINES FOR ADDITIONAL MIXING INSTRUCTIONS.



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product information