

# Mainstay Si

FORTIFIES CELL WALL STRENGTH



## GUARANTEED ANALYSIS

Calcium (Ca).....10%  
Also contains non-plant food ingredient  
Silicon Dioxide (SiO<sub>2</sub>) .....22%

## WHY MainstaySi?

### CALCIUM & SILICON NUTRITION

**Mainstay 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. **Mainstay 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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## MainstaySi 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.

**ONCE THE MATERIAL IS ADDED TO WATER, CONSTANT AGITATION IS REQUIRED.**

### 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.

**ONCE THE MATERIAL IS ADDED TO WATER, CONSTANT AGITATION IS REQUIRED.**

Rinse after use.

*REFER TO PRODUCT HANDLING GUIDELINES FOR ADDITIONAL MIXING INSTRUCTIONS.*

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