

Mainstay™ 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):

22% Silicon Dioxide (SiO₂)

78% Total Other Ingredients

DERIVED FROM CALCIUM SILICATE

WHY Mainstay™ Si?

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

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| 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. |

MainstayTMSi

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MainstayTMSi 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.