

Technical Bulletin

RSA Quick-Cal

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Introduction

Quick-Cal can be used to correct calcium deficiencies in crops. In tree fruits and vines, it helps prevent the development of calcium related disorders. Examples include bitter pit and cork in apples, blossom end rot in tomatoes, and internal brown spot in potatoes.

Function of Calcium in Plants

Calcium is an integral nutrient in plant health. Plants only use the exchangeable calcium ion (Ca^{++}). Functions calcium contributes to:

- promoting early root formation and growth and cell wall integrity
- improved general plant vigor and stiffness of stalks
- improved grain and seed production
- increased calcium content of food and feed crops
- intake of other nutrients.

Benefits of Quick Cal

- Easy to use liquid buffered formulation
- Used as a post-harvest drench on apples to supply calcium as an aid to storage
- Used with RSA Foli Phos™ plus Calcium which is a specific formulation of phosphorus and calcium designed to help insure early fruit development that will yield high quality fruit
- Compatible with many commonly used agrichemicals
- Has low burn potential.



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Crops Labeled

Berries: strawberry

Grain and Other crops: canola, cereal, cotton

Vegetables: carrot, cole crops, cucurbits, lettuce, onion, pepper, potato, and tomato

Tree and Fruit Crops: apple, citrus, pear, apricot, cherry, nectarine, peach, and vines.

Use Rates and Timing

Quick-Cal is most often recommended at 2 to 4 quarts per acre except than when used as post-harvest calcium drench. Please consult the label for timing and actual rates, multiple applications may be required.

Contents

Calcium (Ca).....10.0%
Arsenic (As).....< 5 ppm
Cadmium (Cd).....< 5 ppm
Lead (Pb).....< 5 ppm
Chlorine not more than 24%

Derived from: calcium chloride.

Contains 1.06 pounds of calcium per gallon.

Technical Specifications

Product class	fertilizer
Formulation	liquid
Weight/ gallon	10.6 pounds
Specific gravity	1.27
pH	4.0 to 4.5
Solubility in water	miscible
Appearance	green
Odor	none
Min. storage temp.	40°F
Container size	bulk
	270 gallon mini-bulks
	2 x2.5 gallons
	(30, 55 gallon drums are available)

This bulletin provides some technical information and is not intended to give complete information for all applications. Always read and follow label directions.

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