



BioWorks®

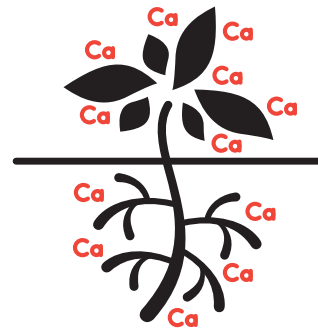


ABOVE AND BEYOND IS WHERE WE BEGIN



ON-GARD® CALCIUM

ON-Gard CALCIUM (1-0-0 + 5% Calcium) is a proprietary liquid supplement formulated for use in commercial growing operations – conventional or organic – for the treatment and prevention of calcium deficiency in crops. Our plant-based supplement can dramatically increase plant nutrient uptake rates and the efficiency of calcium usage in plants. Growers will appreciate the value of low application rates and less visible mineral deposits to achieve heightened levels of plant health, quality, and yield.



WITH CALCIUM DEFICIENCY, PLANTS STRUGGLE TO GROW, FLOWER, AND BEAR FRUIT BUT, WHEN CAUGHT EARLY, ON-GARD CALCIUM WILL NOT JUST SAVE YOUR CROPS BUT MAKE THEM FLOURISH.

ACTIVE INGREDIENT

Biological plant nutrients derived from 100% soy protein hydrolysates, fortified with Calcium

FEATURES AND BENEFITS

- + Dramatically increases uptake efficiency of calcium by plants
- + Reduces crop losses associated with calcium deficiency
- + Improves plant cell strength, resulting in stronger, healthier and more resilient crops
- + Dilution reduces risk of phytotoxic injury and mineral deposits
- + Useful with certified organic and conventional crops
- + Compatible with most fertilizers, chemicals, and biological products

WHERE TO USE

Field and greenhouse production of ornamentals and vegetables, especially tomatoes, peppers, lettuce and poinsettias.



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PRODUCT INFORMATION

- + Available Size: 2.5 gal
- + Registered for use in the USA, except CA, MT, ND, SD, WY
- + Derived from soy protein hydrolysate, the organic material obtained by the enzymatic hydrolysis of proteins to their essential amino acids and short polypeptides

SHELF LIFE

- + 2 years when stored at room temperature or refrigerated
- + Do not freeze or store outdoors
- + Stable when stored between 40-95 °F
- + Store in a dry place

APPLICATION NOTES

- + Plants respond best to ON-Gard CALCIUM application during key nutrient demand periods, such as rapid growth, bloom and fruit development, as well as prior to stress events, like major changes in light and humidity
- + Particularly important at pre-finishing to insure adequate calcium in all plant tissue
- + Excellent tankmix partner with a wide range of products (Perform a basic jar test or consult **BioWorks' Product Compatibility Tool**)
- + Should be applied as a foliar spray using hand, hydraulic, and air blast sprayers or overhead irrigation methods

APPLICATION RATES

FOLIAR SPRAY

Field-Grown Plants

- + 8-16 fl oz/acre
- + Use as much water as needed for adequate foliar coverage

Greenhouse, Nursery, Landscape, or High-Tunnel Plants

- + 8-16 fl oz/100 gal
- + On all ornamental or edible crops

GOING ABOVE AND BEYOND

At BioWorks, we not only help eradicate harmful diseases and pests that threaten your crops, but we design and support integrated plant health management programs. And because we know how quickly some diseases can work, we respond to any questions you might have in just four hours. So you can get back to the business of successful growing.



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BIOWORKS

100 Rawson Road • Suite 205

Victor, NY 14564

expert@bioworksinc.com

bioworksinc.com • 800.877.9443