



**BioWorks**<sup>®</sup>  
DIVISION OF BIOFIRST GROUP

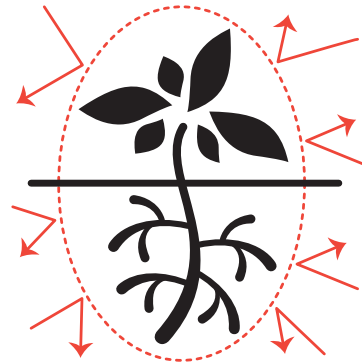


ABOVE AND BEYOND IS WHERE WE BEGIN



## ON-GARD<sup>®</sup>

ON-Gard 5-0-0 is a proprietary formulation of biological plant nutrients that strengthen plant growth and vigor throughout all phases of the growing cycle. Derived from 100% plant-based proteins, ON-Gard delivers the highest concentrations of essential ingredients, like plant-available nitrogen, amino acids, and peptides to increase yields and build higher quality plants. By augmenting the uptake of plant nutrients, ON-Gard will help growers optimize the cost-efficiency of traditional fertilizer inputs, an increasingly important goal in both conventional and organic production systems.



ON-GARD HELPS PLANTS NATURALLY RESIST ABIOTIC STRESSORS, SUCH AS HIGH TEMPS, HIGH SALTS, AND EVEN DROUGHT.

### ACTIVE INGREDIENT

Biological plant nutrients derived from 100% soy protein hydrolysates

### FEATURES AND BENEFITS

- + 100% plant-derived fertilizer approved for organic production, water soluble, and consistent in composition
- + Enhances nutrient uptake and overall absorption
- + The soy-based proteins are precisely split for the highest level of free amino acids and soluble peptides that are immediately available to plants
- + Increases root growth and lateral development
- + Improves stress tolerance to abiotic influences
- + Improves yield and quality of fruits and vegetables
- + Compatible with most fertilizers, chemicals, and biological products
- + Excellent tank mix partner with RootShield<sup>®</sup> PLUS+ to get crops off to a strong start

### WHERE TO USE

Field, greenhouse, high tunnel, and nursery production of ornamentals, vegetables, and fruits, including grapes; as well as turf, and landscape ornamentals. Apply as a foliar spray, root drench, pre-plant root dip, or low volume (fogging) application.



## ON-GARD

### PRODUCT INFORMATION

- + Available Sizes: 2.5 gal, 30 gal, and 265 gal
- + Registered for use in the USA, except MT, ND, SD, WY

### 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

- + Apply during key nutrient demand periods, such as seed germination, bloom, and fruit development, as well as prior to stress events such as drought or temperature extremes
- + Can be applied as a pre-plant root dip or as a seed drench using 1% v/v rate
- + An excellent tank-mix partner with a wide range of products
- + Can be applied as a foliar spray or soil drench using any type of sprayer (hand, hydraulic, air blast) or irrigation method (overhead, overhead boom, drip)

### APPLICATION RATES

#### FOLIAR SPRAY

##### Field-Grown Plants\*

- + 16-64 fl oz/acre
- + Use water for adequate coverage or as required by tank mix partner material

##### Greenhouse, Nursery, Landscape, or High-Tunnel Plants\*

- + 1 qt-2 gal/100 gal, 2 tsp-2.5 fl oz/gal
- + Can be applied every 15 days

\*Repeat applications up to 6 times

#### DRENCH

##### Greenhouse, Nursery, Landscape, or High-Tunnel Plants

- + 1 qt-2.5 gal/100 gal, 2 tsp-3.3 fl oz/gal

#### DIP

##### Field-Grown, Greenhouse, Nursery, Landscape, or High-Tunnel Plants

- + Apply as a pre-plant root dip or as a seed drench using a 1% v/v rate

## 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 48 hours. So you can get back to the business of successful growing.



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