



**BioWorks®**

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# ON-Gard® for Field Grown Fruits and Vegetables



ON-Gard is precision plant nutrition, derived entirely from plant proteins. 100% water soluble, it is rapidly absorbed by leaves and roots. ON-Gard enhances nutrient uptake, particularly in peak demand periods such as flowering and fruiting. Apply as a foliar spray, soil drench, or pre-plant root dip to make the most of your nutrition program. May be used in certified organic production.

**Plant Nutrition | Nutrient Complement: 5-0-0**

## ***Benefits & Features***

- Increases stress tolerance to temperature extremes, drought or excess moisture and salt
- Enhances uptake of other nutrients and overall absorption
- Short peptides and amino acids are key to ON-Gard's bio-active benefits
- Increases root growth and lateral development
- Improves yield and quality of fruits and vegetables
- Compatible with most fertilizers, chemicals and biological products

## ***SUSTAINABLE. SIMPLE. SUPPORT.***

For over 25 years, BioWorks has been helping our customers to develop effective and efficient programs using safer, sustainable products - backed by a personalized approach to support.

At BioWorks, we strive to simplify the use of biologicals with our ongoing commitment to information, education and service.

## **VERSATILE PRODUCT**

Benefits from ON-Gard are most evident when applied at low usage rates early in crop programs. ON-Gard is also valuable in finishing, especially when applied in advance of crop stress.



## **OMRI LISTED**

ON-Gard is certified for use in organic production.



## **INCREASE BRIX AND CHLOROPHYLL CONTENT**

These direct measurements of crop quality lead to yield improvement and maximum returns on investment. By enhancing nutrient uptake, ON-Gard use can reduce total input costs.





## ORGANIC APPROVED PLANT NUTRITION DERIVED FROM PLANT PROTEINS

### REGISTERED CROPS

Suitable for use on all plants:

- Field crops - edible
- Greenhouse and high tunnel - edible or ornamental

### FIELD PRODUCTION FRUITS & VEGETABLES

FOLIAR APPLICATION*	NOTES
1.2 - 4.5 L/ha	Up to 6 times per growing season

### GRAPES

FOLIAR APPLICATION*	NOTES
1.2 - 4.5 L/ha	At fruit set
1.2 - 4.5 L/ha	At veraison
1.2 - 4.5 L/ha	Tank-mixed with each fungicide application

\*In as much water as needed for adequate foliage coverage.

### APPLICATION RATES

### TRIAL RESULTS

GRAPE TRIAL TREATMENTS	BRIX % ABOVE STANDARD TREATMENT
Grower Standard + ON-Gard at 1.2 L/Ha applied at Pre-Bloom	<b>1.90%</b>
Grower Standard + ON-Gard at 1.2 L/ha applied at bb size grapes, followed by ON-Gard at 1.2 L/ha applied at veraison	<b>2.60%</b>

### PRODUCT INFORMATION

- Derived from soy protein isolate
- Supplies nitrogen in the form of amino acids
- Available Sizes: 9.46 L, 18.93 L and 113.56 L
- Registered for use in Canada



#### SHELF LIFE

- 2 years when stored at room temperature or refrigerated
- Do not freeze or store outdoors
- Stable when stored between 4-35 °C
- Store in a dry place

REGISTRATION NO. 2017131D

*Fertilizers Act*

### TECHNICAL SUPPORT

If you are a commercial grower with a question or if you want to discuss a particular issue, contact us.

Our team is ready to discuss your crop-specific issues or any questions you have about our products. We will provide you with rapid, comprehensive and personalized support.

**(800) 877-9443 or [expert@bioworksinc.com](mailto:expert@bioworksinc.com)**