ON-Gard®

ON-Gard is an organic biological plant nutrient formulated from 100% plant-derived proteins. These proteins are precisely split for consistent free amino acids and soluble peptides that are immediately available to plants.

Plant Nutrition | Nutrient Complement: 5-0-0

**Benefits & Features**

- Increases stress tolerance to temperature extremes, drought and salt
- Enhances nutrient uptake and overall absorption
- Acts as a vegetative biostimulant
- Increases root growth and lateral development
- Improves yield and quality of fruits and vegetables
- Compatible with most fertilizers, chemicals and biological products
- Applied as spray, root drench or dip
- Augments the uptake of other nutrients

**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 ideal for both organic and conventional crop programs. It complements most production management practices.

**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.

For 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.

100 Rawson Rd., Ste. 205, Victor, NY 14564 • 040219
ON-Gard®

ORGANIC BIOLOGICAL PLANT NUTRIENT FORMULATED FROM PLANT-DERIVED PROTEINS

PRODUCT INFORMATION
- Derived from soy protein isolate
- Supplies nitrogen in the form of amino acids
- Suitable for use on all growing plants
- Available Sizes: 2.5 gal, 5 gal and 30 gal
- Registered for use in the USA except MT, ND, NV, SD, WY

APPLICATION NOTES
- Plants respond well to ON-Gard application at 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
- ON-Gard is an excellent tank-mix partner with a wide range of products; perform a basic jar test or consult BioWorks’ technical sheet for compatibility
- ON-Gard can be applied as either 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 AND HIGH TUNNEL*
- 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 AND HIGH TUNNEL
- 1 qt-2.5 gal/100 gal, 2 tsp-3.3 fl oz/gal

DIP
FIELD GROWN, GREENHOUSE, NURSERY, LANDSCAPE OR HIGH TUNNEL
- Apply as a pre-plant root dip or as a seed drench using a 1% v/v rate

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

RESEARCH UPDATE
Short polypeptide chains are the most active; these can only be consistently generated with the enzymatic hydrolysis methods used for creating ON-Gard. Chemical hydrolysis of proteins is less predictable.

Please refer to product labels for complete application instructions. Always read and follow label directions.
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