

ON-Gard®

5-0-2

GUARANTEED ANALYSIS: Total Nitrogen (N)5.0% 5.0% Water Soluble Nitrogen Soluble Potash (K ₂ O)2.0% Derived from: Plant Protein Hydrolysate	F001962
Information regarding the contents and levels of metals in this product is available on the internet at http://aapfco.org/metals.htm	

Non-Plant Food Ingredients: Vegetal Free Amino Acids30.0% Derived from: Plant Extract Purpose: To enhance nutrient uptake

ON-Gard is an innovative fertilizer based on 100% enzymatically extracted plant-derived amino acids and peptides. It is rapidly absorbed by leaves and roots and translocated throughout the plant. ON-Gard is 100% water soluble and manufactured for consistency.

GENERAL INFORMATION

ON-Gard may aid in reducing the effects of plant stress, such as drought, excess salinity, extreme heat and other forms of abiotic stress. ON-Gard improves plant growth, supporting all phases of development especially flowering and fruit enlargement.

ON-Gard enhances traditional fertilizer programs to achieve high productivity and quality by adding low salt, biologically active amino acids, which can enhance photosynthesis and improve uptake and efficacy of other foliar- and soil-applied crop inputs. ON-Gard is non-phytotoxic and does not contain environmentally sensitive compounds. ON-Gard does not contain any animal products, animal extracts, or tannery byproducts.

USE INFORMATION AND RATES

ON-Gard is suitable for use on all growing plants. Plants respond well to ON-Gard application at key nutrient demand periods such as seed germination, bloom, fruit development, sugar assimilation, etc. ON-Gard can be applied as either a foliar spray or soil drench using any type of sprayer (hand, hydraulic, air blast, etc.) or irrigation method (overhead, overhead boom, and drip).

Field grown plants: Apply 16 – 64 fluid ounces per acre during the growth cycle of the plant. Use as much water as is needed for adequate foliage coverage or as required by any tank mix partner material(s). Applications may be repeated up to 6 times per growing season. ON-Gard can be applied as a pre-plant root dip or as a seed drench using a 1% v/v rate.

ON-Gard Edible Field Crop Application Guide		
Crop	Foliar Application	
Field Production Fruits and Vegetables ¹	16 - 64 fl oz/ ac In sufficient water for adequate foliage coverage	2.25 - 4.5 L/ ha In sufficient water for adequate foliage coverage

¹ Apply up to 6 times per growing season

ON-Gard Grape Application Guide		
Foliar Application		Notes
In sufficient water for adequate foliage coverage		
16 - 64 fl oz/ac	2.25 - 4.5 L/ha	-at fruit set
16 - 64 fl oz/ac	2.25 - 4.5 L/ha	-at veraison
16 - 64 fl oz/ac	2.25 - 4.5 L/ha	-tank mixed with each fungicide application

Greenhouse, nursery, landscape, and high tunnel: On all ornamental or edible crops, apply using rates below. Use as much water as is needed for adequate foliage coverage or as required by tank mix partner material(s). ON-Gard can be also be applied as a pre-plant root dip or as a seed drench using a 1% v/v rate.

ON-Gard Application Guide				
Crop	Foliar Spray Rate (spray on foliage to glisten)		Drench Rate (use sufficient water to penetrate root zone)	
	Greenhouse/High Tunnel Edibles ¹	1 qt - 2.0 gal/100 gal	250 mL - 2.0 L/100 L	1 qt - 2.5 gal/100 gal
2 tsp - 2.5 fl oz/gal		2.5 mL - 20 mL/L	2 tsp - 3.3 fl oz/gal	2.5 mL - 25 ml/L
Greenhouse, Nursery Ornamentals ¹	1 qt - 2.0 gal/100 gal	250 mL - 2.0 L/100 L	1 qt - 2.5 gal/100 gal	250 mL - 2.5 L/100 L
	2 tsp - 2.5 fl oz/gal	2.5 mL - 20 mL/L	2 tsp - 3.3 fl oz/gal	2.5 mL - 25 ml/L
Landscape Ornamentals ²	1 qt - 2.0 gal/100 gal	250 mL - 2.0 L/100 L	1 qt - 2.5 gal/100 gal	250 mL - 2.5 L/100 L
	2 tsp - 2.5 fl oz/gal	2.5 mL - 20 ml/L	2 tsp - 3.3 fl oz/gal	2.5 mL - 25 ml/L

¹ Apply every 15 days

² Apply up to 6 times per growing season

Turf: On all types of turfgrass, apply **ON-Gard** to aid in reducing the effects of drought and salt stress. ON-Gard can be applied as a seed drench using a 1% v/v rate.

ON-Gard Turf Application Guide			
Foliar Spray Rate ¹ (spray on foliage to glisten)		Drench Rate ¹ (use sufficient water to penetrate root zone)	
1 qt - 2.0 gal/in up to 100 gal water/acre	2.4 - 19 L/ in up to 1000 L water/ha	1 qt - 2.5 gal/100 gal water/acre	2.4 - 23.4 L/1000L water/ha
1 - 6 fl oz/in up to 2 gal water/1000 sq ft	24 - 190 ml/in up to 10 L water /100 sq m	1 - 7.5 fl oz/2 gal water/1000 sq ft	24 - 234 ml/10 L water /100 sq m

¹ Apply up to 6 times per growing season

Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rains are expected. Apply this product only to your lawn/garden.

SHAKE WELL BEFORE USE

ON-Gard is an excellent tank-mix partner with a wide range of products. Before tank-mixing, a jar test is recommended to evaluate physical compatibility with other products. Do not exceed recommended rate. Do not apply undiluted.

ON-Gard is stable when stored between 40 and 95 °F (4 and 35 °C). Store in a dry place. Keep out of reach of children and animals. Do not ingest. Avoid contact with eyes and skin. In case of accidental spillage of fertilizer, collect with absorbent material.

Keep out of the reach of children

NOTICE TO BUYER AND SELLER: Seller warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used and stored in accordance with the directions for use. This warranty does not extend to use of this product contrary to label directions or under conditions not reasonably foreseeable by the Seller, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, Seller disclaims all other warranties, express or implied, including any warranty of fitness or merchantability. To the extent consistent with applicable law, Seller shall not be liable for consequential, special or indirect damages resulting from use or handling of this product, and Seller's sole liability and Buyer's and User's exclusive remedy shall be limited to refund of the purchase price. This product is sold only for uses stated on its label.



BioWorks, Inc.

Guaranteed by:
BioWorks, Inc.
 100 Rawson Rd, Suite 205
 Victor, NY 14564
 800-877-9443
www.bioworksinc.com

Container Sizes: 2.5, 5, 30 GALLONS
 (9.5, 19, and 113.5 LITERS)

LBS/GALLON: 9.84 @ 68° F
 (1.18 KG/L @ 20° C)

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