

ON-Gard®

5-0-0

GUARANTEED ANALYSIS:

Total Nitrogen (N)5.0%
5.0% Water Soluble Nitrogen

Derived from: Soy Protein Hydrolysate

Information regarding the contents and levels of metals in this product is available on the internet at <http://aapfco.org/metals.htm>

For Commercial Use

F001962

ON-Gard is an innovative fertilizer based on soy protein hydrolysates. Protein hydrolysate is the organic material obtained by the hydrolysis of proteins to their constituent compounds and is a source of nitrogen. 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 fertilizer supports a robust plant. A vigorous plant can better resist plant stressors such as drought, excess salinity, extreme heat and other forms of abiotic stress. ON-Gard improves plant growth, supporting all phases of development from germination through flowering and fruit development.

ON-Gard enhances traditional fertilizer programs to achieve high productivity and quality by adding low salt plant nutrition. 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 resisting the effects of environmental 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.

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.



Guaranteed by:
BioWorks, Inc.
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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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