



# ON-Gard™ 5-0-2 BioWorks Family of Products

## Fertilizer

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 inputs.

### Guaranteed Analysis

5.0% Total Nitrogen (N) (organic)	30.0% Vegetal Amino Acids
5.0% Water Soluble Nitrogen	30.0% Organic Matter
2.0% Soluble Potash (K <sub>2</sub> O)	

### ON-Gard Benefits

- Supplies Nitrogen provided by amino acids
- 100% plant-derived, water soluble, consistent in composition
- Can be applied foliar or as a drench
- Improves plant development and helps sustain growth
- Helps withstand abiotic stresses (heat/cold, drought, pest, low light, salinity)
- Foliar and root uptake is rapid
- Produced in an OMRI inspected facility with a unique technology that preserves the biological activity of the components
- Augments the uptake of other nutrients, thus increasing the efficiency of fertilizer



Available in the following sizes:  
2.5Gal, 5Gal and 30Gal



ON-Gard



Control

Effect of ON-Gard against drought stress of perennial ryegrass (3 applications over 11 week period based on 1 quart / acre rate)

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# ON-Gard™

## ON-Gard Characteristics:

ON-Gard is an innovative fertilizer that is 100% plant-derived, 100% water soluble, and consistent in composition. With a low Salinity Index there is an absence of phytotoxic effects after foliar application of 5X the recommended dose. ON-Gard contains aspartic acid, which is fundamental in several metabolic processes. It also contains glutamic acid which stimulates development, increases resistance against weather stress, is a precursor to key amino acids and helps with the absorption of inorganic nitrogen.

## Contains the following Free Amino Acids\*:

- |                 |                 |                 |              |            |
|-----------------|-----------------|-----------------|--------------|------------|
| L-Alanine       | L-Glutamic Acid | L-Leucine       | L-Proline    | L-Tyrosine |
| L-Arginine      | L-Glycine       | L-Lycine        | L-Serine     | L-Valine   |
| L-Aspartic Acid | L-Histine       | L-Methionine    | L-Threonine  |            |
| L-Cysteine      | L-Isoleucine    | L-Phenylalanine | L-Tryptophan |            |

\*as Confirmed by Aminogram Testing

## Application Rates

ON-Gard Turf Application Guide			
Foliar Spray Rate <sup>1</sup> (spray on foliage to glisten)		Drench Rate <sup>1</sup> (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/ 1000 L 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

<sup>1</sup> – apply up to 6 times per growing season



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The **SCIENCE** of Organic Plant, Tree & Turf Care

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