



# ON-Gard® 5-0-0

## 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.

### ON-Gard Benefits

- Helps withstand abiotic stresses (heat/cold, drought, pest, low light, salinity)
- Augments the uptake of other nutrient inputs thus increasing the efficiency of fertilizer
- 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
- Foliar and root uptake is rapid
- OMRI listed for organic production

### ON-Gard Characteristics:

ON-Gard is an innovative fertilizer that is 100% plant-derived (in a form the plant can readily use), 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.



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



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)

To find out more about the BioWorks family of products, please contact us at (800) 877-9443 or visit [bioworksinc.com](http://bioworksinc.com).



# BioWorks®

100 Rawson Rd., Ste. 205, Victor, NY 14564  
(800) 877-9443 | [bioworksinc.com](http://bioworksinc.com)

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# ON-Gard®

## Guaranteed Analysis

5.0% Total Nitrogen\* (N) (organic)                      30.0% Vegetal Amino Acids  
 2.0% Soluble Potash (K2O)                                30.0% Organic Matter

\*Contains 5.0% Water Soluble Nitrogen

## Contains the following plant derived Amino Acids\*:

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

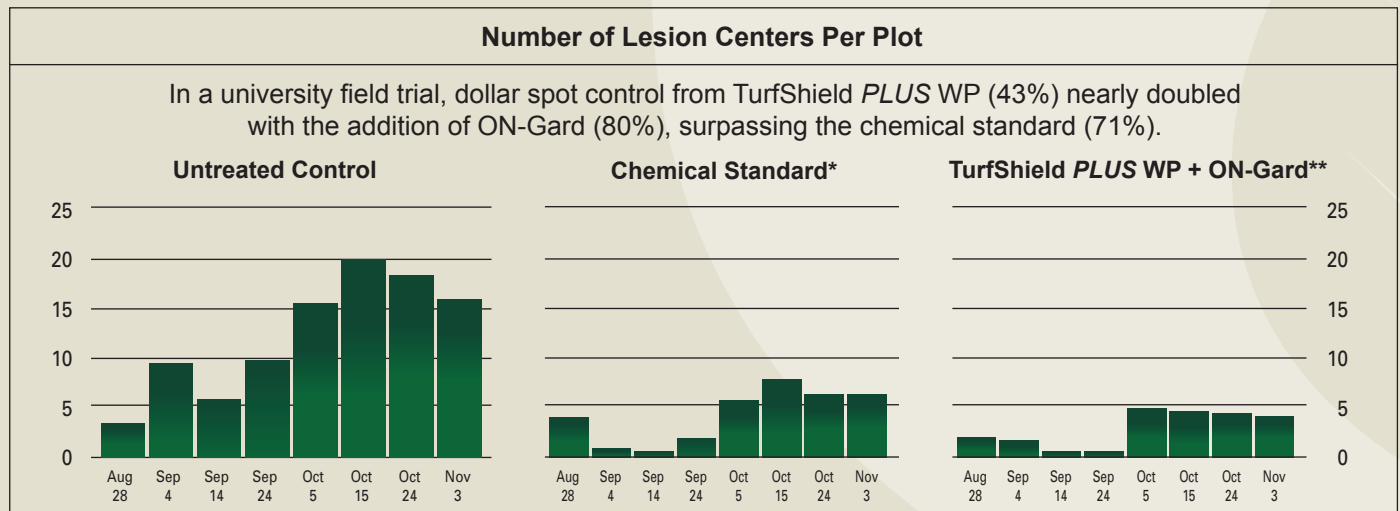
\*As confirmed by Aminogram Testing

## 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 1000L water/ha	1 qt - 2.5 gal/100 gal water/acre	250 mL - 2.5L/100L water/ha
1 - 6 fl oz/in up to 2 gal water/1000 sq ft	24 - 190 mL/in up to 10L water/100 sq m	1 - 7.5 fl oz/2 gal water/1000 sq ft	24 - 234 mL/10L water/100 sq m

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

## Rutgers Cool Season Dollar Spot Trial



\*4.0 fl oz 3336 F (thiophanate—methyl) at 14 day intervals

\*\*1.48 oz TurfShield PLUS WP + 1.50 oz ON-Gard at 14 day intervals

Please refer to product labels for complete application details. Additional technical information is available from either our website: [bioworksinc.com](http://bioworksinc.com), or your BioWorks sales representative. Always read and follow label directions.

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