

ON-Gard[®]

5-0-0

Specialty Fertilizer — Greenhouse / High Tunnel Edibles

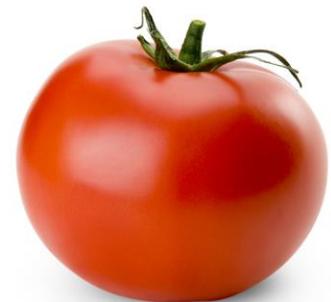
ON-Gard enhances traditional fertilizer programs to achieve high productivity and quality by adding low salt, biologically active amino acids, which can enhance photosynthesis and improve uptake and efficacy of other foliar and soil applied inputs.

General Characteristics

Produced in an inspected facility with a unique technology that preserves the biological activity of the components and provides consistency in composition



- Based on 100% enzymatically extracted plant protein hydrolysate which contains amino acids
- The vegetal-based amino acids provide a useful array for plants and are directly absorbed
- May aid in reducing the effects of plant stress, such as drought, excess salinity, extreme heat and other forms of abiotic stress
- Augments the uptake of nutrients, thus increasing the efficiency of fertilizer
- Improves and sustains plant growth, supporting all phases of development
- May have a positive impact on Brix reading
- Can be applied foliar, as a drench or through drip irrigation
- Can be applied through a coldfogger or Autofog
- Rate 2.5 L – 20 L / 1000 L / ha (see below)
- With a low Salt Index there is no phytotoxicity after making foliar application of 5X the recommended dose
- Storage stability is 2 years at 24°C (75°F) under cool conditions
- Available in 2 x 9.46 L case, 18.9 L container, 113.6 L container



Guaranteed Analysis:

5.0% Total Nitrogen (N) (organic)
 30.0% Organic Matter

Non-Plant Food Ingredients:

30.0% Vegetal Amino Acids

Contains the following Amino Acids as Confirmed by Aminogram Testing:

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

Greenhouse and high tunnel: On all edible plants, 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 also be applied as a pre-plant root dip or as a seed drench using a 1% v/v rate.

ON-Gard Application Guide				
	Foliar Spray Rate (spray on foliage to glisten)		Drench Rate (use sufficient water to penetrate root zone)	
Greenhouse/High Tunnel Edibles ¹	2.5 L-20 L/1000 L/ha	1 qt - 2.0 gal/100 gal / acre	250 ml - 2.5 L/100 L	1 qt - 2.5 gal/100 gal
	2.5 ml-20 ml/L	2 tsp – 2.5 fl oz/gal	2.5 ml - 25 ml/L	2 tsp - 3.3 fl oz/gal

¹ Apply every 15 days

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