



Great Bay **Greens NV** 11-1-4

Specially crafted organic fertilizer for greens



GREAT BAY **GREENS NV**

Finally, a fast-acting, high nitrogen, completely organic fertilizer has arrived. Greens NV comes complete with all of the micronutrients and macronutrients that your turf needs. Greens NV was specifically designed to ensure the health and color of your course's greens through the ease and precision of spoon feeding applications.

KEY FEATURES

- ✓ High nitrogen content that consists of fast-acting and slow-release organic nitrogen
- ✓ Designed as a dry, powdered sprayable organic fertilizer that is a powerful biostimulant
- ✓ Water soluble dry powder has all the benefits of a sprayable fertilizer without the shipping and handling problems of a liquid fertilizer
- ✓ Low Carbon-to-Nitrogen Ratio of 2:1 for a fast-acting green up

FEATURES

- ✓ Derived from vegetables, fruit and other recycled food
- ✓ Shipped as a dry powder and intended to be mixed with water prior to use
- ✓ Significant levels of both micronutrients and macronutrients
- ✓ Disease prevention and suppression characteristics reduces the need for fungicides
- ✓ Quick acting green up without concomitant flush growth
- ✓ Natural levels of cytokinin, auxins, antioxidants, humates and other bioactive compounds
- ✓ No unpleasant odor
- ✓ Contains:
 - L-lysine
 - L-proline
 - Glycine Betaine
 - Molasses
 - Salicylic Acid
 - Surfactant

SPECIFICATIONS

COMPOSITION

Base Material	71.0%
L-lysine	25.0%
L-proline	1.0%
Glycine betaine	1.0%
Molasses	1.0%
Salicylic acid	0.5%
Surfactant (Organic Yucca Extract)	0.5%

NPK ANALYSIS

Total Nitrogen (N)	11.0%
4.0% Ammoniacal Nitrogen	
7.0% Organic Nitrogen	
Phosphorous (P205)	1.0%
Potassium (K20)	4.0%

MACRONUTRIENTS

Nitrogen	11.0%
Phosphorous	1.0%
Potassium	4.0%
Calcium	1.0%
Magnesium	0.2%

MICRONUTRIENTS

Iron	10,000 ppm
Manganese	100 ppm
Zinc	200 ppm
Boron	<20 ppm
Copper	80 ppm

DESCRIPTION OF ADDITIVES IN GREAT BAY GREENS NV

L-lysine: A completely soluble, essential amino acid having the highest level of organic nitrogen and the most rapid foliar absorption rate of all amino acids. The most rapid acting organic nitrogen source available with response time similar to urea. Rapid foliar absorption. Rapid increases in foliar microbial activity resulting in increased disease suppression.

L-proline and Glycine Betaine: Naturally occurring organic compounds that greatly increase environmental stress tolerance in plants. L-proline is a naturally occurring and essential amino acid in all plant and animal systems. Glycine betaine is a natural, organic compound that occurs in all plants. L-proline and glycine betaine are two major organic osmolytes (regulators) that accumulate in a variety of plant species in response to environmental stresses such as drought, salinity, extreme temperatures, UV radiation and heavy metals. Extensive research has shown that spraying L-proline and glycine betaine significantly increases plant resistance to abiotic stresses such as drought, salinity, extreme temperatures as well as UV radiation and heavy metals. L-proline and glycine betaine have different modes of action ensuring high levels of stress tolerance after applications.

Molasses: A natural binder which is also a powerful soil microbial stimulant.

Salicylic Acid: A natural, organic compound with powerful disease suppressing properties. Extensive research has shown that spraying salicylic acid aids reoccurring natural defenses that keep harmful fungi, bacteria, and viruses at bay. Spraying salicylic acid puts turf's defenses on high-alert against future attacks and can be associated with an "immune" response. Increased immunity results in less disease, less use of chemical fungicides and increased growth and production. Salicylic acid is involved in the systemic acquired resistance (SAR) process in plants in which a pathogenic attack on one part of the plant induces resistance in other parts. Plant defense-activating compounds, such as salicylic acid, are known as plant activators, plant defense activators or systemic acquired resistance (SAR) inducers and are frequently termed biopesticides.

Surfactant: A "wetting" agent that reduces water tension in foliar sprays and liquid applications. Eliminates droplet formation on leaves allowing for increased leaf coverage. Greatly increases foliar and root absorption efficiency.