

## N-EXT™

NITROGEN EXTENDER  
& SOIL AMMENDMENT

### Product Description:

Because of Bio Green's unique bio based formulation, it is effective in all types of soil and on all types of plant life.

Professional turf, lawns, flowers, shrubbery, trees, row and forage crops, pastures and natural habitats, etc. all thrive with Bio Green. Bio Green is ideal for spray applications to turf, foliar feed, trunk spray and root injection of trees and ornamentals. Bio Green is non-clogging and non-abrasive to equipment.

Bio Green uses nutrients that focus on the expansion of topsoil organisms. By providing foods based on pH, nutrient content and a large number of physiological factors, that these organisms will use efficiently, the numbers of these organisms will return to properly balanced populations quickly. Additionally, the plant nutrients in Bio Green are held in suspension in the liquid concentrate and are readily available to the seeds or plants. They become readily available to the seeds or plants when catalyzed with water and applied.

### Application Recommendations

For use as Nitrogen enhancer/extender: Dilute product in a tank sprayer or fertigation at a minimum rate of 8 gallons of water to 1 gallon of N-EXT concentrate. Apply 1 gallon of concentrate per 65 lbs of N or 100 lbs of mixed nutrient fertilizer. Fertilizer and N-EXT can be mixed together or applied separately.

### Soil Ammendment:

Mix 2 gallons of product with enough water to cover 1 acre. Apply between 7 am and 11 am before the heat of the day.

### As Plant Hormone:

Apply at a rate of 1/2 gallon per acre every 7-10 days for plant growth regulation. Apply between 7 am and 11 am when daytime temperatures are still cool for best effect.

### Crop Production:

- 1) Apply in furrow at time of planting with starter fertilizer at a rate of 1 gallon per acre.
- 2) Apply in fall with anhydrous ammonia to reduce volatilization, apply at 2 gallons per acre prior to tilling.
- 3) Through pivots; mix with UAN nitrogen at 1 gallon per 100 lbs N per acre. may also be side dressed or applies foliar with nitrogen at 1 gallon per 100 lbs of N.

### Storage and Handling:

Bio Green N-EXT can be stored in normal warehouse areas. For best results, keep out of direct sunlight or in temperatures above 92 degrees. N-EXT does not require special or hazardous material handling or storage. Bio Green has a slightly acidic pH, but is neither corrosive or abrasive.

Because Bio Green nutrients are held in a concentrated suspension, the product must not be exposed to freezing temperatures

### Environmental Commitment:

Bio Green USA is committed to the preservation of our environment. Our goal is to nurture the soils and plant life of lawns and landscapes while protecting the environment from the pollutants associated with synthetic fertilizer and the over-use of pesticides and herbicides. We are committed to Reduce, Re-use, Recycle and Re-buy.

**Concentrate; must be agitated well before use.**

Manufactured and guaranteed by  
Bio Green USA Inc.  
1822 3rd Ave Kearney, NE 68845  
(877) 246-2406  
[www.biogreen.com](http://www.biogreen.com)

CONTAINS NON-PLANT FOOD INGREDIENTS;  
HUMIC ACID, FULVIC ACID, SEA KELP, MOLASSES, AND  
THIOPHOSPHORIC TRIAMIDE

# BioGreen™

## N-EXT Nitrogen Extender™



Bio Green USA Inc. continues to develop products for Lawn and Garden, Agriculture, and Arbor Care. All of our products are Bio-Based with many listed on the USDA Bio-Preferred Program for federal procurement. The focus of Bio Green is to feed the soil food web and thereby balance the existing soil conditions. Our products are all developed for uniform seed germination, to drive down deeper roots, and create an easier form of application for contractors.

NEXT Nitrogen Extender contains humic, fulvic, amino acids, simple sugars and micronutrients that are essential in amending soil. The product extends the life of applied nitrogen and slows down volatilization of Urea and UAN and harmoniously balances polysaccharides and micros to bring a food source to microbes and nutrients to dead or less than fertile soil. Users of BGAg products have noticed an increase in organic matter, soils that move closer to a neutral pH, increased water retention in sandy soil, and better drainage in clay or tightly bound soil structures.

NEXT Nitrogen Extender contains cytokinins, auxins, and gibberellins that will greatly increase germination rates, maturity times, and drought/frost tolerances. This combination of PGR's (plant growth regulators) lends itself to uniform plant growth and consistently higher percentages of germinated seed. By adding these hormones, NEXT Nitrogen Extender is able to have a much higher maturity rate without excessive salt-based nutrient additives. Save your Nitrogen, save your money.



### CONTAINS NON-PLANT FOOD INGREDIENTS

- 15% HUMIC ACID
- 7% FULVIC ACID
- 3% SEA KELP
- 3% MOLASSES
- Thiophosphoric Triamide

### PROVEN PERFORMANCE

- 99 % Bio Based Content
- Nutrients are immediately available
- Increases germination and rooting
- Provides essential amino acids
- Can be tank mixed with other chemicals
- Will not burn seed
- Naturally aids in balancing soil conditions
- Feeds native bacteria for increased N sequestration

### BIO GREEN MICRO NUTRIENT PACKAGE

Silver	Magnesium	Rhodium	Tungsten
Aluminum	Zinc	Manganese	Aspartic acid
Gold	Zirconium	Molybdenum	Glutamic acid
Boron	Selenium	Sodium	Serine
Barium	Uranium	Nickel	Threonine
Carbon	Bismuth	Oxygen	Clycine
Calcium	Beryllium	Osmium	Alanine
Chlorine	Niobium	Rubidium	Valine + methionine
Cobalt	Cadmium	Sulfur	Leucine
Copper	Chromium	Antimony	Isoleucine
Fluorine	Cesium	Silicon	Phenylalanine
Iron	Gallium	Tin	Tyrosine
Germanium	Indium	Strontium	Tryptophan
Hydrogen	Iridium	Tellurium	Cystine
Nitrogen	Palladium	Titanium	Arginine
Iodine	Platinum	Thallium	Proline
Potassium	Thorium	Vanadium	Histidine
Lanthanum	Radium	Cerium	Amide Nitrogen
Lithium	Bromine	Lysine	

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