

# Foliar Feed, Starter & Chemical Carrier

## CleanGreen® GRO

Guaranteed Analysis  
Total Nitrogen (N)..... 3.00%

Typical Nutrients Supplied:  
Available Phosphorus (P205)..... 0.25%  
Boron (B)..... 0.002%  
Calcium (Ca)..... 0.28%  
Carbon (C)..... 5.72%  
Cobalt (Co)..... 0.003%  
Copper (Cu)..... 0.002%  
Iron (Fe)..... 0.006%  
Manganese (Mn)..... 0.07%  
Magnesium (Mg)..... 0.022%  
Molybdenum (Mo)..... 0.001%  
Nickel (Ni)..... 0.007%  
Sodium (Na)..... 0.08%  
Sulfur (Su)..... 0.08%  
Zinc (Zn)..... 0.004%

**Derived from:** nitrate nitrogen, *Ascophyllum Nodosum*, boric acid, cobalt sulfate, ammonium sulfate, phosphoric acid, manganese sulfate, calcium carbonate, zinc sulfate, ferrous sulfate, ammonium molybdate, nickel nitrate, copper sulfate, proprietary surfactant. Carbon sources - collective glucose substances as follows: fructose as levorotatory ketose, monosaccharide glucose,  $C_6H_{12}O_6$  in various forms, including but not limited to: disaccharides, a group of carbohydrates, such as sucrose and lactose, that yield monosaccharides upon hydrolysis, and disaccharides, as carbohydrates including but not limited to glucose and high fructose,  $C_6H_{12}O_6$  invert sugars, a mixture of the dextrorotatory forms of glucose and fructose; additional polysaccharides including, but not limited to raw brown sugar, raw honey and molasses.

**Ascophyllum Nodosum** source contains the following:

**Alginates** – Complex polysaccharides containing algin acid (algin) and sodium algin as the major components, iodine, fucoidan and laminarin (sulfated polysaccharide esters)

**Free Amino Acids:** Aspartic acid, Threonine, Glutamic acid, alanine

Acid hydrolysis: Alanine, Aspartic acid, Arginine, Glutamic acid, Glycine, Histidine, Isoleucine, Leucine, Lysine, Phenylalanine, Proline, Serine, Threonine, Tyrosine, Valine

**Vitamins** – A, B1, B2, B3, B12, C, D, E, K, Carotene, Biotin, Folic Acid, Niacin, Riboflavin, Thiamin

**Carbohydrates** – Angin acid, laminarin, mannitol

**Naturally Chelated Minerals** – Calcium, Magnesium, Phosphorus, Potassium, Sodium

**Proteins and Lipids**

**Digestive Enzymes** – Amylase, Lipase, Cellulose, Protease

**Natural Preservatives** – Potassium Sorbate and Citric Acid

**Trace Elements** : Iodine Silver, Boron, Iron, Barium, Carbon, Selenium, Calcium, Copper, Fluorine, Zinc, Cadmium, Tyrosine, Serine, Potassium, Magnesium, Manganese, Titanium, Praline, Silica, Molybdenum, Nitrogen, Oxygen, Cylices, Sodium, Sulfur, Strontium, Zirconium, Bromine, Cerium, Cesium, Gallium, Indium, Platinum, Palladium, Thorium, Rhodium, Bismuth, Beryllium, Chromium, Nickel, Lanthanum, Osmium, Tellurium, Thallium, Silicon, Niobium, Tungsten, Hydrogen, Germanium, Antimony.

### PRODUCT DESCRIPTION

GRO is an in-the-row starter, foliar feed fertilizer and a chemical carrier for increased effectiveness. GRO contains an extensive list of highly concentrated essential micro-nutrients, complex carbohydrates, high end sugars, proteins and lipids, vitamins, amino acids, enzymes, slow-release nitrogen and is delivered into the plant by a powerful organic surfactant. GRO turns up the plants immune system and puts the plant into high gear to accelerate growth and enhance overall plant health. It has proven itself to be a game changer when it comes to how we traditionally view plant fertility. Extracts in GRO have been shown to:

- ⇒ **Improve Plant Health**
- ⇒ **Increase Photosynthesis**
- ⇒ **Raise Plant Antioxidant Levels**
- ⇒ **Strengthen Cell Walls**
- ⇒ **Resist Diseases**
- ⇒ **Improve Drought Tolerance**
- ⇒ **Improve Yields**

### DIRECTIONS FOR USE

Use as an in-the-row starter, foliar application fertilizer for growing crops and as a carrier with other fertilizer, herbicide, fungicide and pesticide.

### RECOMMENDED USAGE RATES

**Starter:** Apply in the row on the seed with starter fertilizer. Apply 1 quart per acre.

**Foliar Apply:** Apply at a rate of 1 quart per acre as needed. Can be mixed with other fertilizers and chemicals.

### BENEFITS OF MACRO AND MICRO NUTRIENTS:

**Boron:** Essential for new growth and in pollination and reproductive stages. Helps to maintain the balances of sugar and starch.

**Calcium:** Vital for cell division and formation. Regulates transport of other nutrients into the plant and is also involved in the activation of certain plant enzymes.

**Carbon:** The basic structural element of all life. Energy source for all plant life. Basic molecular component of carbohydrates, proteins, lipids, and nucleic acids.

**Cobalt:** Required for the fixation of nitrogen by microorganisms and root nodules.

**Copper:** Active in enzyme activation and in the formation of proteins.

**Iron:** Plays a role in respiration, energy transfer and chlorophyll formation.

**Manganese:** Essential for chlorophyll development and enzyme systems.

**Molybdenum:** Assists in the fixation of nitrogen.

**Nickel:** Encourages seed germination. Plays a role in plant growth and metabolism, including nitrogen metabolism and iron absorption.

**Zinc:** Helps stress tolerance, increases root development and shoot growth.

**FIRST AID:** Please see MSDS sheet or for more information contact 770-927-3206 or visit us online at [www.UnitedStatesAg.com](http://www.UnitedStatesAg.com).

### NOTICE - READ CAREFULLY

Conditions of Sale - Limited Warranty and Limitations of Liability and Remedies. The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of U.S. Ag, LLC or seller. Failure to follow label directions may cause injury to crops, animals, man or the environment. U.S. Ag, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of U.S. Ag, LLC. The obligation of U.S. Ag, LLC is limited to replacement of product for the quantity of proven defective material only. U.S. Ag, LLC makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

This label is available for information purposes only and may or may not be approved in every state.



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