

# Bio-Mass Renewable Technologies Inc.



## BRT STRIP 4-10-10-2s

### GUARANTEED ANALYSIS:

Total Nitrogen (N)	4.00%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	10.00%
Soluble Potash (K <sub>2</sub> O)	10.00%
Soluble Sulfate (SO <sub>4</sub> )	2.00%

Derived from:

Ammonium Polyphosphate, Urea-ammonium Nitrate and specialty blend of Potassium (potassium hydroxide and potassium thiosulfate)

### KEEP OUT OF REACH OF CHILDREN CAUTION

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of eyes, nose, throat or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with clean water for at least 15 minutes. Consult physician if irritation persists.

### CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. Seller shall not be responsible for incidental or consequential damages, if any resulting from a breach of warranty.

### MIXING INSTRUCTIONS

**BRT STRIP 4-10-10-2s** mixes completely in water with minimal agitation.

1. Fill tank ½ full of water and begin agitation.
2. Add **BRT STRIP 4-10-10-2s** to mix tank.
3. Add other pesticides and/or nutrients (be sure to check compatibility prior to mixing).

**ATTENTION:** Always check compatibility with other products prior to use. **BRT STRIP 4-10-10-2s** is not compatible with products containing calcium.

### GENERAL INFORMATION

**BRT STRIP 4-10-10-2s** is produced by combining nitrogen, phosphate and potassium and can be used on most field crops, vegetables, fruit and nut trees and more. **BRT STRIP 4-10-10-2s** may be used as a starter fertilizer and can also be applied through drip irrigation systems. To ensure best performance, only use **BRT STRIP 4-10-10-2s** when there is adequate humidity, moderate temperatures and adequate soil moisture.

### DIRECTIONS FOR USE

#### SOIL APPLICATION RATES

**Vegetables:** For sprinkler irrigated fields, spray or dribble 2 x 2 from the seed furrow at planting. For furrow irrigated fields, inject directly below the seed row 1-2". Use 2-5 gallons/acre. **BRT STRIP 4-10-10-2s** may be diluted with water if desired.

**Corn, Cotton, Melons:** Inject 1½-2" directly to the side of the seed furrow. Use 15-25 gallons/acre. **BRT STRIP 4-10-10-2s** may be diluted with water if desired.

**Vegetable, Field Crops, Fruits, Fruit and Nut Trees:** Apply 1-3 gallons of **BRT STRIP 4-10-10-2s** in at least 5 gallons of water/acre. Multiple applications may be useful. Use of **Contact** may enhance coverage and increase nutrient uptake. Do not apply more than 3 times per growing season and when the crop is under severe stress. For best results, use the lowest possible volume that will ensure complete coverage with small droplet size.

**Drip Irrigation (All Crops):** Use 3-10 gallons of **BRT STRIP 4-10-10-2s** per irrigation. Continue irrigation for at least 2 hours to ensure adequate fertilizer coverage.

**Transplant Water (All Crops):** Use 1-4 gallons of **BRT STRIP 4-10-10-2s** per acre in 500-1000 gallons of water per acre.

# Bio-Mass Renewable Technologies Inc.



## BRT R1 Seed Set

**5-8-0-0.03cu-0.25mn-0.1ca**

### Guaranteed Analysis:

Total Nitrogen (N)	5.26%
5.26% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	11.00%
Copper (Cu)	0.03%
Manganese (Mn)	0.25%
Calcium (Ca)	0.10%

### Derived from:

Ammonium Hydroxide, Phosphoric Acid, Acetic Acid, Plant Growth Regulators, Bio-Lith, Sea Solids, Copper EDTA, Manganese EDTA, Calcium EDTA, Vitamin B-12 and Ascorbic Acid

### CAUTION

#### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of eyes, nose, throat or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with clean water for at least 15 minutes. Consult physician if irritation persists.

### CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. Seller shall not be responsible for incidental or consequential damages, if any resulting from a breach of warranty.

### MIXING INSTRUCTIONS

**BRT R1 Seed Set** mixes completely in water with minimal agitation.

1. Fill tank roughly ½ full of water and begin agitation.
2. Add **BRT R1 Seed Set** to mix tank
3. Add other nutrients (be sure to check compatibility prior to mixing).

**ATTENTION:** Always check compatibility with other products prior to use.

### GENERAL INFORMATION

**BRT R1 Seed Set** was designed to exceed typical industry standards for foliar. Generally the industry has used their leftover Starters (9-18-9, 6-26-6) for foliar. Due to their formulations, they

don't work well as foliar, but excel as starters. We designed our foliar with the plant's physiology in mind and an understanding of the plant's growth stages. You gain predictable yield with a competitively priced product.

**BRT R1 Seed Set** was formulated to be applied at 20 gals/acre water with a minimum of 80 psi. The written visual would be as follows: on a 40 rod length, 20 rods of fog should be visible, which would be no more than 3 feet above the ground. This type of application will ensure the droplet size is small enough to be absorbed through the stomata. Always use Reverse Osmosis water when possible.

### DIRECTIONS FOR USE

**Corn:** 1-2 gals/acre mixed with water for a 20 gals/acre mix. Apply at pre-tassel and early blister stage. Aerial application rate is 1 gal/acre **BRT R1 Seed Set** with 2-3 gallons of water.

**Soybeans:** 2-3 qts/acre mixed with water for a 20 gals/acre mix. Apply at the first flower set, R1, usually around the equinox (June 21<sup>st</sup>). Can be applied thru the R4 stage.

**Small Grains:** 1-2 gals/acre mixed with water for a 20 gals/acre mix. Apply just ahead of boot stage.

**Vegetables and Flowers:** 4-5 oz. mixed with water in a per gallon mix. Apply prior to flower bud set.

**All other crops:** 1-2 gals/acre mixed with water for a 20 gals/acre mix, prior to seed set or fruit set.

# Bio-Mass Renewable Technologies Inc.



## Foliar PGR +

### GUARANTEED ANALYSIS:

Total Nitrogen (N)	0.00%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	0.00%
Soluble Potash (K <sub>2</sub> O)	0.00%

Derived from:

Humic acid, Aulmic acid, Fulvic acid, Natural Plant Growth Regulators, Seaweed, and Bio-Lith

### KEEP OUT OF REACH OF CHILDREN CAUTION

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of eyes, nose, throat or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with clean water for at least 15 minutes. Consult physician if irritation persists.

### CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. Seller shall not be responsible for incidental or consequential damages, if any resulting from a breach of warranty.

### MIXING INSTRUCTIONS

Foliar Stimulate mixes completely in water with minimal agitation.

1. Fill tank roughly ½ full of water and begin agitation.
2. Add **Foliar PGR +** to mix tank.
3. Add other pesticides and/or nutrients (be sure to check compatibility prior to mixing).

**ATTENTION:** Always check compatibility with other products prior to use.

### GENERAL INFORMATION

**Foliar PGR +** is produced by combining natural Plant Growth Regulators with organic carbons, naturally-occurring carbon Bio-Lith, and Seaweed. **Foliar PGR +**

has a broad application list including corn, soybeans, vegetables, fruit and nut trees and more. It may be added to early foliar programs or used as a stand-alone product. **Foliar PGR +** can also be applied through drip irrigation systems. To ensure best performance, only use **Foliar PGR +** when there is adequate humidity, moderate temperatures and adequate soil moisture.

**Foliar PGR +** works well for plant recovery from herbicide, hail, wind, and rain damage. Each application rate will vary depending on the severity of damage and which growth stage the plant is in.

### DIRECTIONS FOR USE

#### FOLIAR APPLICATION RATES:

**Corn, Sweet Corn, Cotton, Small Grains, and Soybeans:** Use 24 oz/acre with water for a 15-20 gals/acre mix. When crop is under chemical and environmental stress apply at a 48-96 oz/acre rate.

**Vegetables, Field Crops, Small Fruits, Fruit and Nut Trees:** Apply 24 oz/acre with water for a 15 gals/acre mix. Multiple applications may be useful. Using Contact (a non-ionic spreader/sticker) may enhance coverage and increase nutrient uptake. Do not apply more than 3 times per growing season. Do not apply when the crop is under severe stress. For best results, use the lowest possible volume that will ensure complete coverage and small droplet size.

#### IRRIGATION RATES:

**Drip Irrigation (All Crops):** Use 48 ounces per acre. Continue irrigation for at least 2 hours to ensure adequate fertilizer coverage.

**Vegetables:** Use 48 oz/acre for sprinkler-irrigated fields. Spray or dribble on the seed furrow at planting. For irrigated fields, flood irrigate directly below the seed row 1-2".

# Bio-Mass Renewable Technologies Inc.



## BRT Bulker

5-15-5-1Ca-0.25Mn

### Guaranteed Analysis

Total Nitrogen (N)	5.00%
2.9% Nitrate Nitrogen	
2.1% Ammoniacal Nitrogen	
Available Phosphoric Acid ( $P_2O_5$ )	15.00%
Soluble Potash ( $K_2O$ )	5.00%
Calcium (Ca)	1.00%
Manganese (Mn)	0.25%
0.25% Chelated Manganese (Mn)	

Derived from: Nitrous Acid, Potassium Nitrate, Phosphoric Acid, Ammonium Nitrate, Humic and Fulvic Acids, Bio-Lith, Manganese EDTA, Vitamin B-12, Ascorbic Acid and Sea Solids

### **KEEP OUT OF REACH OF CHILDREN**

#### **CAUTION**

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of eyes, nose, throat or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with clean water for at least 15 minutes. Consult physician if irritation persists.

### **CONDITIONS OF SALE**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. Seller shall not be responsible for incidental or consequential damages, if any resulting from a breach of warranty.

**General Information:** BRT Bulker was designed as a companion product to **BRT R1 Seed Set**. After **BRT R1 Seed Set** has given the response of increased flowering and pod set you can then bulk the plant through the use of this special formula. It sets the plant into the male dominant stage of growth again, increasing size, while also filling out. This formula is unique to the industry - just as **BRT R1 Seed Set** was - the first introduced from our family of foliar. Its uniqueness is the fact that we designed a product for bulking. This product greatly increases test weight under most situations.

### **Directions for use:**

**Corn:** Use 1 gallon per acre - early blister stage and early dent stage.

### **Soybeans, Edible Beans, Black Turtle Beans:**

3 qt. – 1 gallon per acre after R4 when the pods are formed from top to bottom.

# Bio-Mass Renewable Technologies Inc.



## BRT Residue Digester

Low Calcium Soil Mix

### GUARANTEED ANALYSIS:

Total Nitrogen (N)	6.00%
Total Calcium (Ca)	14.00%

Derived from: Nitrate, Calcium carbonate, and Bio-Lith,

### KEEP OUT OF REACH OF CHILDREN CAUTION

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of eyes, nose, throat or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with clean water for at least 15 minutes. Consult physician if irritation persists.

### CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. Seller shall not be responsible for incidental or consequential damages, if any resulting from a breach of warranty.

### MIXING INSTRUCTIONS

BRT Residue Digester mixes completely in water with minimal agitation.

1. Fill tank roughly ½ full of water and begin agitation.
2. Add BRT Residue Digester to mix tank
3. Add equal parts 28% to BRT Residue Digester (be sure to check compatibility prior to mixing)

**ATTENTION:** Always check compatibility with other products prior to use. Residue Digester is not compatible with products containing calcium.

### GENERAL INFORMATION

BRT Residue Digester is produced by combining nitrogen, calcium, and residue digesting bacteria. BRT Residue Digester works well on most field crop residue, soybeans, corn, small grains, vegetable crops, and more.

### RESIDUE DIGESTER APPLICATION RATES

**Corn:** Use 5-6 gals/acre diluted with water, using a 20 gals/acre mix.

**Soybeans:** Use 2-3 gals/acre diluted with water, using a 20 gals/acre mix.

**Small Grains:** Use 3-4 gals/acre diluted with water, using a 20 gal/acre mix.

**Vegetables:** Use 2-3 gals/acre diluted with water, using 20 gals/

# Bio-Mass Renewable Technologies Inc.



## V3 Foliar Micros + PGR

### TECHNICAL DATA INFORMATION

#### PLANT NUTRIENT CONTENT % by Wt.

Total Nitrogen (N)	1.0
Available Phosphoric Acid ( $P_2O_5$ )	0.0
Soluble Potash ( $K_2O$ )	0.0
Boron (B)	0.3
Copper (Cu)	0.25
Cobalt (Co)	0.0005
Iron (Fe)	1.0
Manganese (Mn)	3.0
Molybdenum (Mo)	0.0005
Zinc (Zn)	3.0
Sulfates ( $SO_4$ )	4.0

Ingredients: Borax, Copper sulfate, Cobalt, Iron sulfate, Manganese sulfate, Molybdenum, Zinc sulfate, natural occurring plant growth regulators, organic carbons, tree oils, plant extracts, and Bio-Lith.

#### **KEEP OUT OF REACH OF CHILDREN CAUTION - MAY CAUSE IRRITATION PRECAUTIONARY STATEMENTS:**

Avoid prolonged or repeated contact with eyes, skin and clothing. Chemical goggles or a full-face shield should be worn. To protect skin, wear appropriate protective equipment, such as rubber or plastic aprons, rubber gloves and boots. Avoid breathing mist or vapor. Keep containers closed. Wash thoroughly after handling. May cause gastrointestinal distress, if swallowed.

**HANDLING AND STORAGE:** Minimize skin exposure. Store mini-bulks and smaller containers out of sun in an area of moderate temperature. Do not re-use containers. Avoid containers, piping or fittings made of copper-containing alloys or galvanized metal. Dispose of containers in accordance with local regulations and requirements.

**FIRST AID:** In case of contact with eyes, immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention if irritation occurs. In case of skin contact, flush skin with water. If irritation occurs, seek immediate medical attention. Remove and wash contaminated clothing before reuse. If swallowed, give large amounts of water and induce vomiting by touching the back of the throat with finger unless unconscious. Seek immediate medical attention.

**IN CASE OF SPILL:** Contain spill and maximize recovery. Keep spill out of water sources. Exercise caution in area of spill for slippery conditions. Dispose of spilled material in accordance with regulatory requirements.

**PHYTOTOXICITY:** Plant and leaf injury may occur on some crops when certain weather and growing conditions are present. Before handling this product, consult the Material Safety Data Sheet for handling, safety and first aid information. Follow directions carefully, including precautions for safe handling.

**CONDITIONS OF SALE:** This product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks given herewith. In no case shall the seller be liable for consequential, special or indirect damages such as loss of profits or values resulting from the use or handling of this product.

**V3 Foliar Micros + PGR** is a complex formula using our original V5 Foliar Micros formula with added plant hormones along with natural plant growth regulators and our latest technology of using a Nano-surfactant. Quantum mechanical effects are very important at this scale. Glucoheptonate is added as a natural, biodegradable chelating agent to keep boron, copper, cobalt, iron, manganese, molybdenum and zinc available for plant uptake. **V3 Foliar Micros + PGR** is effective in foliar and soil applications.

### **DIRECTIONS FOR USE:**

Attention: **V3 Foliar Micros + PGR** contains 0.5% phosphite (a salt of phosphorous) that has been shown to reduce the susceptibility to fungal and bacterial root diseases. The phosphite component reduces the ability to successfully tank mix with some other agricultural products. **V3 Foliar Micros + PGR** is **NOT** compatible with phosphate fertilizers and should be mixed and applied separately. Contact BRT for advice or perform your own "jar test" for compatibility.

**Corn, sweet corn, sorghum and seed corn:** 1 quart per acre sprayed with Pursanova or RO water at 15-20 gallons per acre.

**Soybeans, edible beans, green beans, peanuts and cotton:** 1 quart per acre sprayed with Pursanova or RO Water at 15-20 gallons per acre.

**Small grains:** 1-2 quarts per acre at tillering, with Pursanova or RO water at 15-20 gallons per acre.

Aerial Application: 2-3 Pints/Acre

Soil Application: 2-4 Quarts/Acre

At least one and as many as three applications can be used. More frequent applications of 1 1/2 quarts per acre may be needed to correct deficiencies. Mix with sufficient water for adequate coverage. **V3 Foliar Micros + PGR** mix is not compatible with phosphate fertilizers and should be mixed and applied separately.



# Bio-Mass Renewable Technologies Inc.



## BRT Foliar N21

### GUARANTEED ANALYSIS:

Total Nitrogen (N)	21.00%
Available Phosphoric Acid ( $P_2O_5$ )	1.00%
Soluble Potash ( $K_2O$ )	0.00%

Derived from:

Phosphoric Acid, Ammonium Nitrate, Aqua Ammonia, Urea, Bio-Lith, and Humic acid

### KEEP OUT OF REACH OF CHILDREN CAUTION

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of eyes, nose, throat or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with clean water for at least 15 minutes. Consult physician if irritation persists.

### CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. Seller shall not be responsible for incidental or consequential damages, if any resulting from a breach of warranty.

### MIXING INSTRUCTIONS

**BRT Foliar N21** mixes completely in water with minimal agitation.

1. Fill tank roughly  $\frac{1}{2}$  full of water and begin agitation.
2. Add 21-1-0 to mix tank
3. Add other pesticides and/or nutrients (be sure to check compatibility prior to mixing)

**ATTENTION:** Always check compatibility with other products prior to use. **BRT Foliar N21** is not compatible with products containing calcium.

### GENERAL INFORMATION

**BRT Foliar N21** is produced by combining 3 separate forms of nitrogen, phosphate, Bio-Lith, and Humic acids. **BRT Foliar N21** can be used on most field crops, vegetables, fruit and nut trees, and more. Since it contains 100% orthophosphate, it is immediately available to your growing crop. **BRT Foliar N21** has a pH of 7, making it as safe as water; and effective as a foliar spray. **BRT Foliar N21** can also be applied through drip irrigation systems. To ensure best performance, use 21-1-0 when there is adequate humidity, moderate temperatures and adequate soil

moisture. Foliar sprays should be applied during the early morning or late evening hours when temperatures are below 80 degrees fahrenheit.

### DIRECTIONS FOR USE:

#### Foliar Application:

**Corn:** 1-3 gals/acre mixed with water for a 10-15 gals/acre mix. Should be applied at 4 wks., and 8 wks. after spike stage. Also can be applied at pre-tassel, blister stage or any time corn shows nitrogen deficiency.

**Small Grains:** 1-2 gals/acre mixed with water for a 10-20 gals/acre mix. Apply at tillering and prior to boot stage.

**Vegetable, Field Crops, Fruits, Fruit and Nut Trees:** Apply 1-3 gal/acre of **BRT Foliar N21** with water for a 10-15 gal/acre mix.

Multiple applications may be useful. Use of Contact (nonionic spreader/sticker) may enhance coverage and increase plant uptake. Do not apply more than 3 times per growing season. Do not apply when the crop is under severe stress. For best results, use the lowest possible volume that will ensure complete coverage and small droplet size.

#### Drip Irrigation:

**(All Crops):** Use 3-10 gallons of **BRT Foliar N21** per irrigation. Continue irrigation for at least 2 hours to insure adequate fertilizer coverage.

### SOIL APPLICATION RATES:

**Vegetables:** For sprinkler irrigated fields, spray or dribble directly over the seed at planting. For furrow irrigated fields, **BRT Foliar N21** may be diluted with water if desired.

**Corn, Cotton, Melons:** Inject  $\frac{1}{2}$ -2" to the side of the seed furrow. Use 3-10 gallons/acre. **BRT Foliar N21** may be diluted with water if desired.

# Bio-Mass Renewable Technologies Inc.



## Foliar Copper

A liquid copper solution designed for foliar and soil applications. Applied to manage plant microbial afflictions and correct copper deficiencies.

### Guaranteed Analysis

Copper (Cu)	7.5%
Phosphite (PO <sub>3</sub> )	5.0%

**Derived from:** Copper Sulfate, Phosphoric Acid, Nicotinic Acid, and naturally occurring carbons

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION - MAY CAUSE IRRITATION**

#### **PRECAUTIONARY STATEMENTS:**

#### **Handle with Caution. Foliar Copper has a pH of 1**

Avoid prolonged or repeated contact with eyes, skin and clothing. Observe all safe handling procedures in the Private Applicator Manual for low pH liquid materials. Chemical goggles or a full-face shield should be worn. To protect skin, wear appropriate protective equipment, such as rubber or plastic aprons, rubber gloves and boots. Avoid breathing mist or vapor. Keep containers closed. Wash thoroughly after handling. May cause gastrointestinal distress, if swallowed.

**HANDLING AND STORAGE:** Minimize skin exposure. Store mini-bulks and smaller containers avoiding prolonged exposure to direct sunrays in a cool dry environment. Do not re-use containers. Avoid containers, piping or fittings made of copper-containing alloys or galvanized metal. Dispose of containers in accordance with local regulations and requirements.

**FIRST AID:** In case of contact with eyes, immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention if irritation occurs. In case of skin contact, flush skin with water. If irritation occurs, seek immediate medical attention. Remove and wash contaminated clothing before reuse. If swallowed, give large amounts of water and induce vomiting by touching the back of the throat with finger unless unconscious. Seek immediate medical attention.

**IN CASE OF SPILL:** Contain spill and maximize recovery. Keep spill out of water sources. Exercise caution in area of spill for slippery conditions. Dispose of spilled material in accordance with regulatory requirements.

**PHYTOTOXICITY:** Plant and leaf injury may occur on some crops when certain weather and growing conditions are present. Before handling this product, consult the Material Safety Data Sheet for handling, safety and first aid information. Follow directions carefully, including precautions for safe handling.

**CONDITIONS OF SALE:** This product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks given herewith. In no case shall the seller be liable for consequential, special or indirect damages such as loss of profits or values resulting from the use or handling of this product

### Foliar Copper 5% Phosphite

**Foliar Copper** was formulated to provide the grower with a nutritional aid. Copper is a regulator of or an essential cofactor in various enzyme systems involved in plant defense against infection. Copper is also an essential micro-nutrient element for plant growth and disease resistance. Phosphite promotes a plant's natural defense system and induces the synthesis of phytoalexins, which strengthens resistance to invasions of bacteria and fungus. Phosphite is also known to enhance the translocation of minerals within the plant. This product is most effective when tank-mixed with **BRT Bulker**, which provides a late season burst of nutrients (bulks up the grain or seed), stimulates the defensive biochemistry, and minimizes the risk of yield loss, due to environmental stresses.

### DIRECTIONS FOR USE

**Corn:** Apply 1 pint/acre **Foliar Copper** with 2 quarts/acre **BRT Bulker**, mixed with 15-20 gal. reverse osmosis (RO) water. Apply at post tassel, R-3 to R-5 stage of growth. 0.5 to 1 pt. may be used at the V-3 stage to help deter Goss's Wilt.

**Soybeans:** Apply 1 pint/acre **Foliar Copper** with 2 quarts/acre **BRT Bulker**, mixed with 15-20 gal. reverse osmosis (RO) water. Apply at R-6 to R-8 stage of growth (late season).

**Vegetables:** Apply 1 pint/acre **Foliar Copper** with 2 quarts/acre **BRT Bulker**, mixed with 15-20 gal. reverse osmosis (RO) water. Apply at early fruit formation.



# Bio-Mass Renewable Technologies Inc.



## 8-19-3 100% Ortho Starter w/Micro Mix

### Guaranteed Analysis:

Total Nitrogen (N)	7.00%
7.86% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	18.00%
Potassium (K <sub>2</sub> O)	3.00%
Copper	0.005%
Zinc	0.005%
Manganese	0.005%
Boron	0.005%

### Derived from:

Ammonium Hydroxide, Phosphoric Acid, Potassium hydroxide, Copper sulfate, Zinc Sulfate, Manganese Sulfate, and Boric acid.

### CAUTION

#### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of eyes, nose, throat or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with clean water for at least 15 minutes. Consult physician if irritation persists.

### CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. Seller shall not be responsible for incidental or consequential damages, if any resulting from a breach of warranty.

### MIXING INSTRUCTIONS

8-19-3 mixes completely in water with minimal agitation.

1. Fill tank ¼ full of water and begin agitation.
2. Add **8-19-3 Starter w/ Micro Mix** to mixing tank.
3. Add other nutrients (be sure to check compatibility prior to mixing).

**ATTENTION:** Always check compatibility with other products prior to use.

### GENERAL INFORMATION

**8-19-3 100% Ortho Starter w/Micro Mix** was designed to exceed the industry standards for starters. We formulated ours with 100% Orthophosphate whereas most companies build it 80% ortho and 20% poly. Since you only have one chance to affect your crop at planting time, we decided to only formulate the highest quality starters. Keeping the plant physiology in mind and a strong understanding of the growth-stages of the crop. You gain predictable yield with a quality and price competitive product.

### DIRECTIONS FOR USE

**Corn:** 4-5 gals/acre in furrow

**Soybeans:** 1-3 gals/acre in furrow

**Small Grains:** 1-2 gals/acre in furrow

**All other crops:** 1-2 gals/acre

# Bio-Mass Renewable Technologies Inc.



## 8-19-3

### 100% Ortho Starter

#### Guaranteed Analysis:

Total Nitrogen (N)	7.86%
7.86% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	19.00%
Potassium (K <sub>2</sub> O)	3.00%

#### Derived from:

Ammonium Hydroxide, Phosphoric Acid, Potassium hydroxide.

#### KEEP OUT OF REACH OF CHILDREN CAUTION

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of eyes, nose, throat or skin. Avoid contact with eyes, skin, or clothing. In case of contact with eyes, flush with clean water for at least 15 minutes. Consult physician if irritation persists.

#### CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use. Seller shall not be responsible for incidental or consequential damages, if any resulting from a breach of warranty.

#### MIXING INSTRUCTIONS

**8-19-3** mixes completely in water with minimal agitation.

1. Fill tank roughly ¼ full of water and begin agitation.
2. Add **8-19-3 100% Ortho Starter** to mixing tank.
3. Add other nutrients (be sure to check compatibility prior to mixing).

**ATTENTION:** Always check compatibility with other products prior to use.

#### GENERAL INFORMATION

**8-19-3 100% Ortho Starter** was designed to exceed the industry standards for starters. We formulated ours with 100% Orthophosphate whereas most companies build theirs with 80% Ortho and 20% Polyphosphate. Since you only have one chance to affect your crop at planting time, we decided to only formulate the highest quality starters while keeping the plant physiology in mind and a strong understanding of the growth stages of the crop. You gain predictable yield with a quality and price competitive product.

#### DIRECTIONS FOR USE

**Corn:** 3-5 gals/acre in furrow

**Soybeans:** 1-3 gals/acre in furrow

**Small Grains:** 1-2 gals/acre in furrow

**All other crops:** 1-2 gals/acre

# Bio-Mass Renewable Technologies Inc.



## V5 Foliar Micros

### TECHNICAL DATA INFORMATION

PLANT NUTRIENT CONTENT	% by Wt.
Total Nitrogen (N)	0.0
Available Phosphoric Acid ( $P_2O_5$ )	0.0
Soluble Potash ( $K_2O$ )	0.0
Boron (B)	0.3
Copper (Cu)	0.25
Cobalt (Co)	0.0005
Iron (Fe)	1.0
Manganese (Mn)	3.0
Molybdenum (Mo)	0.0005
Zinc (Zn)	3.0

#### Derived from:

Borax, Copper sulfate, Cobalt, Iron sulfate, Manganese sulfate, Molybdenum, Zinc sulfate, organic carbons, and Bio-Lith.

#### KEEP OUT OF REACH OF CHILDREN

#### CAUTION - MAY CAUSE IRRITATION

**PRECAUTIONARY STATEMENTS:** Avoid prolonged or repeated contact with eyes, skin and clothing. Chemical goggles or a full-face shield should be worn. To protect skin, wear appropriate protective equipment, such as rubber or plastic aprons, rubber gloves and boots. Avoid breathing mist or vapor. Keep containers closed. Wash thoroughly after handling. May cause gastrointestinal distress, if swallowed.

**HANDLING AND STORAGE:** Minimize skin exposure. Store mini-bulks and smaller containers out of sun in an area of moderate temperature. Do not re-use containers. Avoid containers, piping or fittings made of copper-containing alloys or galvanized metal. Dispose of containers in accordance with local regulations and requirements.

**FIRST AID:** In case of contact with eyes, immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention if irritation occurs. In case of skin contact, flush skin with water. If irritation occurs, seek immediate medical attention. Remove and wash contaminated clothing before reuse. If swallowed, give large amounts of water and induce vomiting by touching the back of the throat with finger unless unconscious. Seek immediate medical attention.

**IN CASE OF SPILL:** Contain spill and maximize recovery. Keep spill out of water sources. Exercise caution in area of spill for slippery conditions. Dispose of spilled material in accordance with regulatory requirements.

**PHYTOTOXICITY:** Plant and leaf injury may occur on some crops when certain weather and growing conditions are present. Before handling this product, consult the Material Safety Data Sheet for handling, safety and first aid information. Follow directions carefully, including precautions for safe handling.

**CONDITIONS OF SALE:** This product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks given herewith. In no case shall the seller be liable for consequential, special or indirect damages such as loss of profits or values resulting from the use or handling of this product.

### V5 Foliar Micros

This formula is produced with the sulfate forms of trace elements, organic carbons, and Glucoheptonate. It gives the grower a blend of trace elements which effectively works in the soil and as a foliar while aiding in the correction of micro-nutrient deficiencies. By using Glucoheptonate, organic carbons and carbonates act as natural chelating agents. **V5 Foliar Micros** assists the plant with nutrient uptake. By using sulfate-based trace elements, this formula is the best defense against micro-nutrient tie up from environmental and chemical responses. When being applied sequentially, or mixed into a tank mix before a herbicide, there is nothing better than **V5 Foliar Micros**.

#### **DIRECTIONS FOR USE:**

Soil Application: 2-4 Quarts/Acre

Foliar Application: 1-2 Pints/Acre

Aerial Application: 2-3 Pints/Acre

More frequent applications of 1 1/2 quarts per acre may be needed to correct deficiencies.

Mix with sufficient water for adequate coverage. **V5 Foliar Micros** is not compatible with phosphate fertilizers and should be mixed and applied separately.