



# STARTER PLUS BLOOMTASTIC 8-32-5

## LIQUID FERTILIZER SOLUTION *With 50% SLOW*

### RELEASE NITROGEN PLUS MICROS

- FOR NEWLY SEEDED AREAS
- NO AGITATION NEEDED
- PROMOTES ROOTING

F106

- COMPATIBLE WITH TECHNICAL MATERIALS
- HIGHLY CONCENTRATED SOLUTION
- PACKED WITH OVER 45% NUTRIENTS

#### GUARANTEED ANALYSIS:

|  |              |
|--|--------------|
| Total Nitrogen (N)                                   | .....8%      |
| 1% Urea Nitrogen                                     |              |
| 3% Ammoniacal Nitrogen                               |              |
| 4% Slowly Available Water Soluble Nitrogen*          |              |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) | .....32%     |
| Soluble Potash (K <sub>2</sub> O)                    | .....5%      |
| Boron (B)  | .....0.02%   |
| Copper (Cu)  | .....0.05%   |
| 0.05% Chelated Copper (Cu)                           |              |
| Iron (Fe)  | .....0.1%    |
| 0.1% Chelated Iron (Fe)                              |              |
| Manganese (Mn)                                       | .....0.05%   |
| 0.05% Chelated Manganese (Mn)                        |              |
| Molybdenum (Mo)                                      | .....0.0005% |
| Zinc (Zn)  | .....0.05%   |
| 0.05% Chelated Zinc (Zn)                             |              |

Derived From: Urea, Methylene Urea, Potassium Carbonate, Polyammonium Phosphate, Phosphoric Acid, Iron EDTA, Manganese EDTA, Zinc EDTA, Copper EDTA, Sodium Molybdenum, Boric Acid. Chelating Agent: EDTA  
\*5% slowly available nitrogen from Methylene Urea

#### PRODUCT SPECIFICATIONS:

|                                 |                                    |
|---------------------------------|------------------------------------|
| Weight per gallon               | ..... 11.5 lbs                     |
| Weight per liter                | ..... 1.26 kg                      |
| pH                              | ..... .6-7                         |
| Potential acidity equivalent to | 746 lbs. Calcium Carbonate per ton |

#### PRODUCT DESCRIPTION:

Starter Plus 8-32-5 with 50% SRN is a high phosphorus solution, ideal for newly seeded areas. Starter Plus provides a continuous steady source of nitrogen from methylene urea (MDU) along with quickly available nitrogen to promote top growth with limited thatch formation. Both the P and K are readily available to assure good rooting. Starter Plus is ideal for foliar spray applications, hydroseeding and as a soil drench. It is non-clogging and non-abrasive to equipment. It is compatible with fungicides, herbicides, and insecticides and can be mixed and sprayed in one application.

#### STORAGE & HANDLING:

**Storage:** Store in normal warehouse areas. This product is not affected by freezing temperatures. Starter Plus is slightly acidic. Store in original plastic container. Do not store in mild steel.

**Mixing:** Starter Plus must be first be diluted with water prior to mixing with other pesticides. Be sure to do a jar test. The follow-

| Turf Applications: 8-32-5 Phosphorus Per Liquid Ounce (ml) |                        |
|--|------------------------|
| Apply at desired phosphorus rate per 1,000 FT <sup>2</sup> |                        |
| 8-32-5   | Phosphorus Rate        |
| 11 oz<br>245 ml  | 1/4 lb. P<br>0.12 Kg P |
| 15 oz<br>368 ml  | 1/3 lb. P<br>0.15 Kg P |
| 22 oz<br>490 ml  | 1/2 lb. P<br>0.24 Kg P |

| Foliar Turf Applications |   |   |
|--------------------------|---|---|
| Application              | Rate / 1,000 FT <sup>2</sup><br>(100 m <sup>2</sup> ) | Frequency   |
| Tees & Greens            | 11 - 22 oz.<br>(325-650 ml)                           | Apply at the time of seeding with no less than 1.5 gal of tank mix. |
| Overseeding              | 19 oz.<br>(560 ml)                                    | Apply 9 oz every 14 to 28 days until turf is fully established.     |
| Hydroseeding             | 17 - 20 oz.<br>(535 - 642 ml)                         | Apply Monthly. May be tank mixed with seed and slurry mix           |
| Sod                      | 17 - 20 oz.<br>(535 - 642 ml)                         | Apply Monthly   |
| Lawn Care                | 34 oz. (1L)   | Apply every 6-8 weeks   |

| Programs                                    |  |
|---|--|
| Application                                 | Rate   |
| Plant Starter, Seed Start, and Plug Starter | Set injector at 150 PPM of Phosphorus. (30 ml per Liter water at 1:100 ratio)  |
| Bloom Stimulator                            | Foliar Spray: 1 gallon per 100 gallons water. For smaller applications, mix 1 oz per gallon water. (1 L per 100 L water) |
| Setting Vegetable Plugs into Field          | 1 gallon per 100 gallons water. Apply at time of planting. (1 L per 100 L water)   |
| Hand Watering                               | Mix 1/2 - 3/4 teaspoon 8-32-5 per gal water  |

ing mixing procedures should be used after Starter Plus has been diluted with water: 1. wettable powders, 2. flowables, 3. water solubles, 4. surfactants, 5. emulsifiable concentrates.

### Nursery Applications

| Application  | Rate  | Notes  |
|--|---|--|
| Containerized Crops, Woody and Flowering Ornamentals, Foliage, Field-Grown Nursery Stock And Trees | Foliar Spray: 1-2 quarts per 100 gallons of water<br>(1-2 L in 100 L water)<br>Rate per gallon water:<br>1¼-2½ oz<br>(2½-5 tbs) | Thoroughly spray to point of run-off. Apply every 2-4 weeks. |

### Greenhouse & Nursery Injection Ratio

|       |  |   |
|-------|--|---|
| 1:100 | 50 PPM Nitrogen<br>60 PPM Iron<br>5 PPM Mg, Cu, Mn, Zn | 9 oz per gallon of water<br>(266 ml in 4 L water) |
|-------|--|---|

| FIRST AID  |   |
|--|---|
| <b>IF SWALLOWED:</b>   | Call a poison center or doctor if you feel unwell: Rinse mouth.   |
| <b>IF IN EYES:</b>   | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. |
| <b>IF ON SKIN:</b>   | Remove contaminated clothing and wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.                            |
| <b>IF INHALED:</b>   | Call a poison center or doctor if you feel unwell.  |
| You may also contact 1-800-992-5994 day or night for emergency treatment information. If medical advice is needed, have product container or label at hand (P101), Keep out of reach of children (P102), Read label before use (P103). |   |
| <b>STORAGE:</b> Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.   |   |
| <b>DISPOSAL:</b> Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.   |   |

The following precautionary statements and pictograms are based on The Globally Harmonized System of Classifications and Labeling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA)



#### WARNING

H303 May be Harmful if Swallowed  
H316 Causes Mild Skin Irritation  
H320 Causes Eye Irritation  
H335 May Cause Respiratory Irritation

**Condition of Sale and Warranty:** Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Manufactured in the USA By:

