

Sigma 15-5-10 Bio BRIDGE

With Value-Added Biologicals

15-5-10

Guaranteed Analysis

| | |
|---|---------|
| Total Nitrogen (N)..... | 15.0% |
| 9.4% Ammoniacal Nitrogen* | |
| 5.6% Urea Nitrogen** | |
| Available Phosphate (P ₂ O ₅)..... | 5.0% |
| Soluble Potash (K ₂ O)..... | 10.0% |
| Sulfur (S)..... | 10.0% |
| Calcium (Ca)..... | 1.5% |
| Magnesium (Mg)..... | 1.0% |
| Boron (B)..... | 0.03% |
| Copper (Cu)..... | 0.05% |
| Iron (Fe)..... | 0.5% |
| Manganese (Mn)..... | 0.05% |
| Molybdenum (Mo)..... | 0.0005% |
| Zinc (Zn)..... | 0.5% |

Derived from: Poultry Meal, Polymer Coated Urea, Polymer Coated Ammonium Sulfate, Ammonium Sulfate, Diammonium Phosphate, Zinc Sulfate, Sulfate of Potash, Boric Acid, Sodium Borate, Copper Oxide, Copper Sulfate, Iron Oxide, Iron Sulfate, Iron Amino Acid Complex, Manganese Oxide, Manganese Sulfate, Sodium Molybdate, Zinc Sulfate, Zinc Oxide, Gypsum, Calcium Oxide.

*2.7% Slowly Available Ammoniacal Nitrogen from Polymer Coated Ammonium Sulfate

**5.6% Slowly Available Urea Nitrogen from Polymer Coated Urea.

ALSO CONTAINS NON-PLANT FOOD

INGREDIENT(S):

Soil Amending Guaranteed Analysis

Active Ingredient(s):

3% humic acids[†] derived from Leonardite

Contains 420 Thousand Total Beneficial

Bacteria Colony Forming Units (CFU's) per Lb.

| | |
|----------------------------------|-----------|
| Bacillus subtilis | 156 CFU/g |
| Bacillus amyloliquefaciens | 156 CFU/g |
| Brevibacillus laterosporus | 313 CFU/g |
| Bacillus licheniformis | 313 CFU/g |

Contains 0.91 Total Mycorrhizae /

Endomycorrhiza Propagules per Lb.

| | |
|---------------------------|----------------------|
| Glomus intraradices | 0.00051 Propagules/g |
| Glomus mosseae | 0.00051 Propagules/g |
| Glomus etunicatum | 0.00051 Propagules/g |
| Glomus aggregatum | 0.00051 Propagules/g |

Contains 72 Thousand Total Trichoderma

Colony forming Units (CFU's) per Lb.

| | |
|-----------------------------|----------|
| Trichoderma viride | 79 CFU/g |
| Trichoderma harzianum | 79 CFU/g |

Total Other Ingredients (Inert as non-plant food ingredients): 97%

Purpose: Improve soil tilth, help increase establishment, root vigor and utilization of soil water & nutrients

[†]Humic Acid content may aid in the uptake of micronutrients

F003276

AVAILABLE PACKAGING

2000 LB. TOTES (907 KG),
 50 LB. POLYETHYLENE BAGS (22.68 KG),
 OR BULK LOAD

Net Weight: 50 Lb. (22.68 kg)

Application Rates

Vegetable

Low Rate:

(Examples - peas, beans) Incorporate 267 lb. per acre 2-3 weeks prior to planting.

Medium Rate:

(Examples - asparagus, beet, carrot, melon, pepper, cauliflower, broccoli, brussels sprout, and celery) Incorporate 667 lb. per acre 2-3 weeks prior to planting.

High Rate:

(Examples - onion, sweet corn, potato, tomato) Incorporate 667 lb. per acre 2-3 weeks prior to planting.

Container Sizes

Gallon:

Low Rate: 10 grams High Rate: 20 grams

2 Gallon:

Low Rate: 20 grams High Rate: 40 grams

3 Gallon:

Low Rate: 31 grams High Rate: 64 grams

5 Gallon:

Low Rate: 40 grams High Rate: 87 grams

7 Gallon:

Low Rate: 60 grams High Rate: 131 grams

10 Gallon:

Low Rate: 74 grams High Rate: 158 grams

15 Gallon:

Low Rate: 80 grams High Rate: 167 grams

Trees & Palm

Rate based on 1" of trunk diameter (caliper).

Example: for 10" trunk diameter (caliper)

multiply label rate by 10.

Incorporation:

Mix with soil in bottom of holes prior to transplanting. Apply 1.7 lb. at transplanting.

Broadcast:

Apply 3.3 lb. at transplanting.

Ornamentals

Low Rate:

(for heavy substrates with porosity < 60%)

Incorporation:

8 lb. per cubic yard of media

Landscape:

13.3 lb. per 1000 sq. ft.

Medium Rate:

(for most nursery stock and foliage plants)

Incorporation:

12 lb. per cubic yard of media

Landscape:

23 lb. per 1000 sq. ft.

High Rate:

(for light substrates with porosity > 80%)

Incorporation:

15 lb. per cubic yard of media

Landscape:

33.3 lb. per 1000 sq. ft.

Turf

Medium Rate:

(Natural Turf)

5 lb. (0.75 lb. N) / 1000 sq ft

High Rate:

(Lawns)

6.7 lb. (1 lb. N) / 1000 sq ft.

Golf Course

Low Rate:

3.3 lb. (0.50 lb. N) / 1000 sq ft.

Medium Rate:

5 lb. (0.75 lb. N) / 1000 sq ft.

High Rate:

6.7 lb. (1 lb. N) / 1000 sq ft.

Guaranteed by: Sigma AgriScience, 2565 FM 1096 Boling, TX 77420

For PROFESSIONAL USE ONLY. Apply every 6-8 weeks or according to your local crop advisor or site-specific nutrient plan. Store in a cool, dry area. Avoid prolonged exposure to direct sunlight. Expiration:

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

NOTICE: DO NOT EAT, FEED TO ANIMALS, OR ALLOW RUMINANTS TO GRAZE ON LAND UNTIL AFTER A RAINFALL OR IRRIGATION EVENT. WASH HANDS THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING OR SMOKING. Apply only to actively growing turf. DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO THE INTENDED APPLICATION SITE (IE. YOUR LAWN/GARDEN), AND SWEEP ANY PRODUCT THAT LANDS ON IMPERVIOUS SURFACES SUCH AS THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN. Information about the application rate and components of this lot of fertilizer may be obtained by writing to the named guarantor. Please provide the lot number listed. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices. Check with your county or city government to determine if there are local regulations for fertilizer use. In PA: DO NOT apply to turf unless for the purposes of establishing vegetation for the first time, repairing a turf area, agricultural operations OR if following a site-specific plan based on a soil test. In VA: DO NOT apply more than 0.9 pounds of slowly available nitrogen per 1,000 ft2 within a 30-day period. DO NOT apply more than 2.5 pounds per 1,000 ft2 of slowly available nitrogen annually. DO NOT apply when the ground is frozen.

Warranty Limitations: The information contained on this label is believed to be accurate and reliable. There are no warranties that extend beyond the guaranteed analysis on the face hereof. All claims against guarantee are limited to replacement of product or refund of purchase price, or by law. The buyer and user acknowledge and assume all liability resulting from the use of this material. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller. SIGMA AGRISCIENCE DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTY OR MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. In no event shall SIGMA AGRISCIENCE be liable for damages resulting from the use of this product and/or any special consequential or incidental damages of any kind.