

Brandt Plant Start 8-31-4

**Amino Acid Based Plant Starter
with Plant Hormones and Vitamins**

Product Data Bulletin

Features

- Contains cold-pressed kelp extract for enhanced quick rooting
- Contains auxins and other plant hormones
- Significantly reduces the effects of transplant shock

PLANT START 8-31-4 is a high Phosphorous solution formulated to aid in the growth of roots and assist plants in overcoming stressful conditions.

PLANT START 8-31-4 is formulated containing natural plant hormone precursors, natural plant amino acids, plant vitamins and anti-stress substances derived from cold-pressed kelp extract. This combination promotes early growth and healthy root systems which will establish the plant quicker and in turn, promote vigorous top growth. PLANT START 8-31-4 is recommended for use as a supplement to a well balanced fertilizer program.

Made from the highest quality nutrient sources, PLANT START 8-31-4 provides a quality source of quickly available nitrogen promoting healthy top growth while the Phosphorous and Potassium are readily available to ensure strong rooting.

PLANT START 8-31-4 is non-clogging and non-abrasive to equipment. It is compatible with most fungicides, herbicides, and insecticides however compatibility tests are recommended.

Directions For Use

Beans, cabbage, cantaloupe, cauliflower, celery, cucumbers, eggplant, field corn, lettuce, peas, peppers, squash, strawberries, sweet corn, tomatoes, watermelon, soybeans, rice and cotton

Use 3-4 quarts of PLANT START 8-31-4 per acre in planting or transplant water applied with seeder, plug mix or transplant machine.

Apples, avocados, citrus, mangos, peaches, pears, and pecans

Mix 1-2 quarts of PLANT START 8-31-4 in 100 gallons of water. Use 1 gallon of solution for each tree at time of planting. For larger trees and shrubs, use 1 gallon of solution for each inch of trunk diameter.

Ornamental Plants

Mix 1-2 quarts of PLANT START 8-31-4 in 100 gallons of water and apply as a drench for seedlings and transplants.

Foliar Application

Mix 2-4 quarts of PLANT START 8-31-4 per 100 gallons of water.



Minimum Guaranteed Analysis 8-31-4

By Weight

Total Nitrogen (N)	8.00%
7.20% Ammoniacal Nitrogen	
0.80% Water Soluble Organic Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	31.00%
31.00% Water Soluble Phosphorous	
Soluble Potash (K ₂ O)	4.00%

Derived from Potassium Polyphosphate and Ammonium Polyphosphate. F904

Mixing Instructions

Put 1/3 of water in tank. Add other chemicals, if any. Fill tank with balance of water and/or fertilizer and agitate. Add correct amount of PLANT START 8-31-4. Agitate adequately to mix.

Caution: Check compatibility with standard jar test.

Weight Per Gallon: 11.2 lbs.

Freezing Temperature: 32° F

WARNING: KEEP OUT OF REACH OF CHILDREN.

CAUTION: Harmful if swallowed. Avoid contact with skin. Avoid breathing spray mist. Wash hands after using. Causes eye irritation. Avoid contact with eyes. In case of contact, flush eyes with water for at least 10 minutes and get medical attention.

Storage

Do not store at low temperatures as crystallization may occur.

Warranty: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

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