

Nutriplant® AG

Foliar Nutritional Supplement

Nutriplant® AG is a foliar nutritional supplement to enhance crop growth. The genetic potential for a crop is rarely reached due to stresses encountered during the growing season. Plants are more vulnerable and use more nutrients at particular stages of development.

Nutriplant® AG is designed to be applied at these particular stages of crop development, to strengthen the plant against everyday environmental stress, leading to better yields and improved quality.

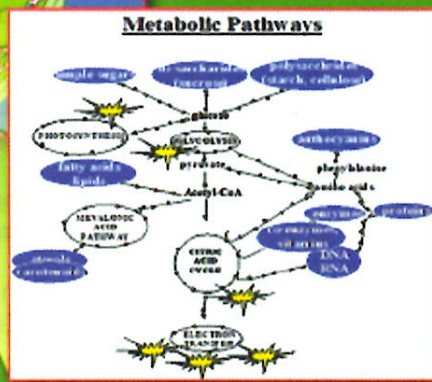
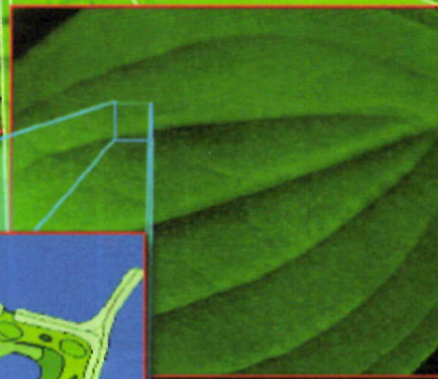
Nutriplant® AG contains nitrogen, phosphorus, potassium, sulfur, boron, cobalt, copper, iron, manganese, molybdenum and zinc. Nitrogen and boron are essential for bud vigor and fruit set. Nitrogen and zinc are needed for fruit size. Phosphorus hastens maturity and improves fruit quality, while potassium improves fruit color and increases cold hardiness. Sulfur is needed for flavor and protein synthesis. Cobalt increases resistance to stress, and copper contributes to color and flavor development. Iron promotes flowering and fruit set. Manganese aids in sugar metabolism, and molybdenum is involved in transport of phosphorus, a very important element in energy transport and storage.

The synergism of all of these elements makes Nutriplant® AG effective.

Nutriplant® AG is intended as a supplement to a regular fertilizer program, and will not by itself provide all of the nutrients normally required by plants.

Benefits Reported by Farmers

- Increased resistance to stress
 - Improved quality
 - Increased yields
 - Earlier maturity
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- ▶ Easy to apply
 - ▶ Cost-effective



Average yield
increase is 15%

Tested for 27 years
in over 2,000 trials

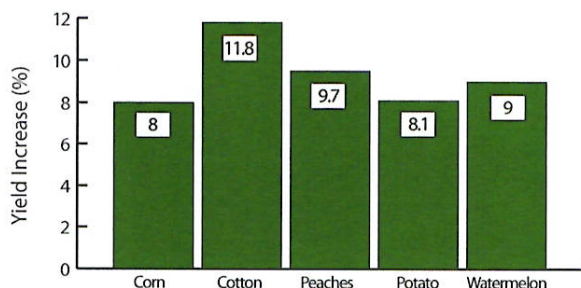
NUTRIPLANT® AG



Results

Nutriplant®AG increased yields by an average of 8%, cotton by 11.8%, peaches by 9.7%, potatoes by 8.1% and watermelon by 9%.

Field Results on Selected Crops



Economic Benefits on Selected Crops*

- Alfalfa** **\$51/acre increase** (based on 4 applications and an average of 3.35 ton/acre, 10.8% yield increase, and an average price of \$140/ton of alfalfa)
- Corn** **\$74/acre increase** (based on 1 application and an average of 151 bu/acre, 8% yield increase, and an average price of \$6.12/bu of corn)
- Cotton** **\$59/acre increase** (based on 4 applications and an average of 879 lb/acre, 11.8% yield increase, and an average price of \$0.57/lb of lint)
- Dry Beans** **\$54/acre increase** (based on 1 application and an average of 17.2 cwt/acre, a yield increase of 12% and a price of \$26.00/cwt)
- Onions** **\$616/acre increase** (based on 3 applications and an average of 440 cwt/acre, 6.8% yield increase, and an average price of \$20.60/cwt of onions)
- Peaches** **\$440/acre increase** (based on 3 applications and an average of 8.4 ton/acre, 9.7% yield increase, and an average price of \$540/ton of peaches)
- Potatoes** **\$333/acre increase** (based on 2 applications and an average of 397 cwt/acre, 8.1% yield increase, and an average price of \$10.37/cwt)
- Soybeans** **\$27/acre increase** (based on 1 application, an average of 41 bu/acre, 4.9% yield increase and a price of \$13.50/bu)
- Sunflower** **\$104/acre increase** (based on 1 application and an average of 1,454 lb/acre, 24.6% yield increase, and an average price of \$0.29/lb of sunflower)
- Tomatoes** **\$1,704/acre increase** (based on 3 applications and an average of 300 cwt/acre, 9% yield increase, and an average price of \$63.10/cwt of tomatoes)
- Watermelon** **\$208/acre increase** (based on 3 applications and an average of 220 cwt/acre, 9% yield increase, and an average price of \$10.50/cwt of melons)

* Average yields from USDA - NASS 2007, on-farm prices from USDA - NASS June 2008

Applications Rate

Apply Nutriplant®AG at 8 to 20 fl oz/acre, depending on crop.

Application Timing

Make 1 to 4 applications, depending on crop.

Application

Shake well before using. Spray diluted Nutriplant®AG evenly on foliage using any conventional spraying equipment. For best results, apply in evening or early morning. Avoid applying product under windy conditions. Heavy rain or overhead irrigation within 24 hours of application may reduce product effectiveness. See label for further information.

Compatibility

To co-apply with herbicides, pesticides or fertilizers, dilute 1 part Nutriplant®AG with 5 parts water prior to mixing with pre-diluted chemicals. Apply as direct above. A small test area should be treated prior to large scale mixing to determine that no phytotoxicity or undesirable effects occur.

Storage

Store Nutriplant®AG at a temperature between 110°F and freezing. Keep container tightly closed. Do not store diluted product. Do not store in direct sunlight.