

**NUTRIPLANT®**

# Small Grains

Barley, Oats, Rye and Wheat



## NUTRIPLANT SEED TREATMENT

is applied to seed just prior to planting. It is a nutritional supplement to enhance seedling emergence and growth. The product is available in two forms: powder **NUTRIPLANT SD** packaged in 25 pound pails and liquid **NUTRIPLANT SL** packaged in 6 liter jugs.

## NUTRIPLANT SEED TREATMENT

contains magnesium, sulfur, cobalt, copper, iron, manganese, molybdenum, and zinc. (**NUTRIPLANT SD** also contains calcium.) Calcium is needed for root and leaf development and improved plant vigor. Magnesium regulates uptake of other nutrients and activates a number of crucial enzymes. Sulfur, zinc, and copper are essential for formation of proteins and activation of enzymes necessary for seedling growth. Iron and manganese are crucial in sugar metabolism to produce energy for seedling emergence. Magnesium and molybdenum aid in the transport of phosphorus, which is important in energy transfer. Cobalt influences plant resistance to stress.

*The synergism of all of these elements makes **NUTRIPLANT SEED TREATMENT** effective.*

With **NUTRIPLANT SEED TREATMENT**, Farmers Report:

- Increased resistance to stress
- Improved quality
- Less lodging
- Increased yields

**NUTRIPLANT SEED TREATMENT** is intended as a supplement to a regular fertilizer program and will not by itself provide all of the nutrients normally required by plants.

Average U.S.A. Yield Increase

**14%**

For **NUTRIPLANT SD/SL**



- Easy to Apply
- Cost Effective

Distributed by Access Business Group LLC  
Ada, MI 49355  
Revised 07/08  
For use in the U.S.A. only

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# NUTRIPLANT® SD/SL



## Results with Wheat

The average yield increase in the U.S.A. with **NUTRIPLANT SD** is 12.7% (based on 24 trials over 10 years).

## Results with Barley

The average yield increase in the U.S.A. with **NUTRIPLANT SD** is 22% (based on 15 trials over 5 years).

## Economic Benefits

**Wheat \$43.00 per acre increase\***

**Barley \$62.00 per acre increase\*\***

\*Based on an average yield of 41 bu/acre, 12.7% increase, and an average price of \$8.28/bu.

\*\*Based on an average yield of 60 bu/acre, 22% increase, and an average price of \$4.70/bu.

## Application Rates

Apply **NUTRIPLANT SD** at 3.5 oz /100 pounds of seed.

Apply **NUTRIPLANT SL** at 2.0 fl oz /100 pounds of seed.

## Method of Application

Apply **NUTRIPLANT SD** to the seeds before planting. Application should be made in such a way that all seeds are thoroughly coated. **NUTRIPLANT SD** can be applied right in the planter box or hopper. Properly treated seeds will have a fine coating of powder.

Apply **NUTRIPLANT SL** using commercial equipment. Mix seeds until dry and do not stick.

## Compatibility

**NUTRIPLANT SD/SL** is compatible with most seed treatments including inoculums, fungicides and insecticides. It can also be used on pelletized seed.

## Storage

Store **NUTRIPLANT SD** in a dry place at a temperature below 110°F. Do not store in direct sunlight. Keep container tightly closed.

Store **NUTRIPLANT SL** at a temperature between 110°F and freezing. Keep container tightly closed. Do not store diluted product. Do not store in direct sunlight.

