

# TREAT ALL YOUR SEED WITH CHANDLER DRY SEED TREAT



**MARKETED BY  
MIDWEST BIO-TECH, INC.**

## **WHAT IS DRY SEED TREAT?**

A biological enzyme seed treatment – a dry talc-like powder that is applied directly on the seed at planting time. Contains micronutrients and naturally occurring organic compounds including enzymes, hydrolyzed proteins, and amino acids. It is non-toxic and compatible with most chemical seed treatments and fungicides.

## **HOW MUCH IS REQUIRED?**

4 to 8 ounces of Dry Seed Treat per bushel of seed. A mere film on the seed is all that is necessary.

## **HOW DO YOU APPLY IT?**

For convenient field application Dry Seed Treat can be dusted on and thoroughly mixed with the seed in the seed hopper or the planter. Seed Treat is non-toxic so mixing may be done with your hand provided the seed contains **no other** harmful treatments or chemicals, but a glove or paddle is recommended. Also, a 3/8" battery powered drill with a 3x12 inch auger\* is a fast and effective way to achieve a good mix. A handy plastic measuring cup is provided in each bucket of Seed Treat.

## **WHAT DOES IT DO?**

Dry Seed Treat enhances – seed germination, uniform emergence, thicker stands and provides hardier more vigorous seedlings which are more likely to survive to maturity. This is accomplished by providing the plants a source of nutrient that is readily utilized by the seedlings until they can start feeding from the soil.

Seedlings of Dry Seed Treat treated seed develop more extensive root systems, especially the hair-like feeder roots, thus allowing more uptake of nutrients and water necessary for growth. Consequently they are hardier, become established more quickly and are more resistant to stress such as extreme temperature, drought, chemical carryover, and insects. These lead to increase yield potential, higher quality grain and hay with better test weight, and improved feeding value.

## **IS DRY SEED TREAT COST EFFECTIVE?**

Yes, depending on the price, in most applications it takes less than one bushel increase to recover the investment in Dry Seed Treat.

\*Auger is available thru Midwest Bio-Tech, Inc. and its dealers.

## **LIQUID SEED TREAT**

Chandler Seed Treat is also available in liquid form, applied at the rate of 2 ounces per bu. or bag of seed except alfalfa and other small seed apply 4 ounces per bushel. It is packaged in gal. jugs, 2½ gal. jugs and 30 gal. drums.

## Corn



The picture above shows a corn plant grown with Dry Seed Treat. Notice the large root system with all the hair-like feeder roots, these are the nutrient feeders that take nutrient into the plant. This provides for the development of more sugar and starch in the plant for better stalk quality and ear fill. With more sugar produced in the plant most users reduce or eliminate using an insecticide as the sugar is toxic to most insects.

Side by side comparison show where Dry Seed Treat is used an average of 2,000 more plants per acre, less lodging, two pounds better test weight and 3 to 5 points dryer at harvest.

### Users Report Additional Benefits

- Higher Germination Rates
- More Vigorous seedlings
- Reduced My Seeding Rate
- Healthier Plants
- More Resistant to Stress  
(Temperature – Drought – Chemical Carryover – Insects)
- Increased Yields

Dry Seed Treat is very cost effective, it takes less than one bushel increase to recover the investment, while average yield increases on corn here in the Midwest range from 5 to 10 bushels per acre.

### Application Rates and Investment

Corn – 4-5 oz. per bushel or unit - \$0.80 per acre.

A 15 pound bucket of Dry Seed Treat will treat 60 bushels or units of most seed. If excess Seed Treat accumulates in the bottom of the seed hopper, reduce the amount applied, a film on the seed is all that is needed.

## Soybeans

Whether you drill or row your soybeans, you will find a more uniform stand with 5% to 10% more plants per acre where Dry Seed Treat is applied to the seed at planting.

As shown in the picture below with Dry Seed Treat you not only have a larger root system with more hair-like feeder roots, but more healthy nodulation for more nitrogen fixation for the next crop.



The increase in hair-like feeder roots as shown above are the nutrient feeders that take nutrient into the plant. This increased nutrient helps develop higher levels of sugar and starch for healthier, sturdier plants with less stress and insect problems. Plants like these not only produce more grain but of higher quality and better test weight.

Users report they have less problem with the beans shattering at harvest time, the beans will be mature and dry, yet the plants are still alive.

### Other Benefits Reported by Users

- More Vigorous Seedlings
- Reduced My Seeding Rate
- Healthier Plants
- More Resistant to Stress  
(Temperature - Drought - Chemical Carryover - Insects)
- Less Lodging – Stands Better
- Higher Test Weights
- Increased Yields

Dry Seed Treat is very cost-effective on soybeans, less than one bushel increase will recover your investment, while average yield increases here in the Midwest range from 3 to 6 bushels per acre.

### Application Rates and Investment

Soybeans – 4-5 oz. per bushel or unit - \$2.40 per acre.

Note – The investment will vary with seeding rate.

## Cereal Grains

### Wheat – Rye – Oats – Other

The use of Dry Seed Treat on Cereal grains provides cost-effective benefits as it does on other seed.

With the use of Dry Seed Treat the plants not only develop a larger root system with a lot more hair-like feeder roots but they stool out a lot more. With stooling out more it gives a thicker plant stand as shown in the picture below and in turn higher yields.



The hair-like feeder roots take up nutrients from the soil, the more feeder roots the more nutrient taken into the plant. This results in a healthier plant, more resistant to stress, producing more bushels of higher test weight grain.

### Users Report These Benefits

- Higher Germination Rate
- Reduced My Seeding Rate
- More Vigorous Seedlings
- Better Root Development
- More Hair-Like Feeder Roots
- Thicker Stands – Stools Out More
- Healthier Plants
- More Resistant to Stress  
(Temperature - Drought - Chemical Carryover - Insects)
- Less Winter Kill
- Less Lodging
- Higher Test Weight
- Increased Yields

Dry Seed Treat is equally cost-effective on cereal grains, it takes less than two bushel increase to recover the investment, while average yield increases range from 6 to 12 bushels per acre.

### Application Rates and Investment

- Wheat - Rye - Oats - 4-5 oz. per bushel  
Seeding Rate - 1½ Bushel per acre - \$3.00 per acre.  
- 2 Bushel per acre - \$4.00 per acre.

## Alfalfa

With the high cost of alfalfa seed today, Dry Seed Treat is a must when seeding alfalfa as well as clover and other grass seed. It will help enhance the germination by providing nutrient to these new plants until the root system develops to where it can feed from the soil. The root system on alfalfa like other legumes such as soybeans will be larger, with more hair-like feeder roots and more healthy nodulation. The larger root system not only improves the plant stand, the plants grow taller producing more tons of higher quality hay.



The picture above show the thick stand of alfalfa where Dry Seed Treat was used when it was seeded. It also helps reduce winter kill.

Dry Seed Treat is very cost-effective with an investment of \$0.80 to \$1.50 per acre. Many users reduce seeding rates by 3 to 6 pounds per acre.

### Application Rates and Investment

Alfalfa - 4-8 oz. per bushel - \$0.80 to \$1.50 per acre.

### Limited Warranty

Sellers' and Manufacturers Warranty is limited to replacement of defective product.

Neither seller, nor manufacturer shall be liable for any injury, loss or damage directly or consequentially arising out of the misuse or inability to use the product.

All other warranties unless in writing from the manufacturer, whether expressed or implied, are hereby disclaimed.

## SOLD BY

### *Distributed By:*

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CP-2