

# CHANDLER PRODUCTS

for

**Lawn, Garden,  
and Home Uses**



**Marketed by  
Midwest Bio-Tech, Inc.**

## SEED TREAT

### SEED COATING AND TRANSPLANT DIP

Seed Treat is a biological seed treatment that is applied directly on the seed at planting time. The product is a dry talc-like powder, and a mere film on the seed is all that is necessary. Seed Treat enhances seed germination with more uniform emergence, thicker stands, and hardier and more vigorous seedlings that resist stress such as frost, drought, transplanting, and excess water. Seed Treat also provides nutrients that are readily utilized by the seedlings until they can start feeding from the soil. The plants develop a deeper and more extensive root system, especially the hair-like feeder roots. By encouraging more nutrient uptake into the plant over the entire growing season, Seed Treat increases the amount and quality of produce with more nutrient and food value.

Application: The mere presence or film on the seed is all that is needed. Put a pinch of product in a packet of seed and shake. For larger amounts of seeds such as potatoes and sweet corn, place the seed in a paper bag with some Seed Treat and shake until all seeds are coated. The excess Seed Treat may be used on the next batch of seed. Seed Treat may be mixed with the seed in the seed hopper of mechanical planting equipment.

Root Dip: Mix one tablespoon of Seed Treat per quart of water, and allow the plant roots to soak 5-10 minutes prior to planting (or longer if needed).

Houseplants: Seed Treat is ideal for starting or repotting.

## CHANDLER SOIL

### IMPROVES SOIL FERTILITY AND STRUCTURE

Soil is a liquid biological soil conditioner that is applied directly to the soil, and it helps reestablish the natural balance in the soil by producing an improved medium for plant growth. Soil stimulates the growth and reproduction of beneficial microorganisms, especially the nitrogen fixing bacteria that increase the amount of available nitrogen and other nutrients to the plants. As the soil bacteria increase, more nutrients are converted and made available for the next crop. Also, a soil that has biological activity and life will be flocculent or porous. A flocculent soil lets water penetrate where it falls, which eliminates most runoff and standing water problems. Plant roots will penetrate deeper into the soil so they can pull moisture and nutrients from greater depths and you utilize more of your soil.

Application: Mix at rate of 1.5 ounces (3 tablespoons) per gallon of water. For broadcast spraying, this mixture will cover approximately 2,000 square feet. Spray the product directly on the soil, and it may be incorporated lightly with a rake or other garden tool. Also, Soil may be applied in bands over the seed row prior to emergence.

Lawns: Spray when the grass is short so the product gets to the soil. Use 1.5 ounces of Soil per gallon of water to cover a 2,000 square feet area.

Houseplants: Mix 1 bottle cap of Soil per quart or 1.5 ounces per gallon of water, and spray on plants once every 8 weeks. Soil may be mixed with most fertilizers and other sprays that have been pre-mixed with water.

# CHANDLER FOLIAR

## LIQUID PLANT FOOD

Chandler Foliar is a liquid micronutrient plant food that is formulated to be readily available to the plant. Foliar is sprayed directly on the plant and enhances the availability and uptake of nutrients into the plant. Regular use of Foliar as a part of your normal plant feeding program will improve plant growth and nutrition. Plants treated with Foliar have increased stress tolerance, recover faster from nutrient deficiencies, and have improved vigor and yield.

Conifers, evergreens, and shrubs: Foliar helps stimulate the growth rate of all evergreen type trees and shrubs. The product promotes deeper root systems and increases stem development. Foliar helps trees and shrubs to overcome browning due to wind, extreme temperatures, animals, and other stresses. Foliar encourages a new flush of growth in the spring and can eliminate the need to replace trees or shrubs due to winter kill.

Application: Mix 2 ounces (4 tablespoons) with 1 gallon of water and spray a mist on trees and shrubs 30 days after the spring thaw and just prior to the hard frost in the fall. Foliar may be applied every 30 days during warm weather if the trees and shrubs experience stress.

Ornamental trees, shrubs, and lawns: Spray in the spring and again in late summer before the plants enter the winter dormancy phase. Foliar may be sprayed more often if needed. Use 2 ounces per gallon of water.

Vegetables and flowers: Foliar helps plants develop their genetic potential without shutting down prematurely due to stress. Flowers will develop larger blooms and bloom longer with less stress. Vegetables produce more quantity and higher quality. Foliar users have observed that tomato plants that are sprayed at the first sign of fruit set will produce 30% more tomatoes over the rest of the season compared to untreated plants in the same garden.

Application – vegetables: Spray Foliar just before the first sign of fruit set, or a little earlier if possible. Use the two ounce per gallon rate.

Houseplants and flowers: Mix 1 bottle cap per quart of water or two ounces (4 tablespoons) per gallon and spray the product as a mist on the foliage. Foliar may be applied every 30 days during the growing season, especially if the plants show stress.

Chandler Foliar may be mixed with most fertilizers and insecticides such as Sevin that have been pre-diluted in water and applied at the same time.

# RESIDUE DIGESTER

## THATCH CONTROL AND COMPOSTER

Residue Digester is a liquid biological product designed to be sprayed on post harvest residue. The product stimulates the growth of soil microorganisms that break down organic plant residue compounds such as cellulose, lignin, sugars, starches, and proteins. This natural process of organic decay returns the nutrients back to the soil in forms that plants can use.

Application: Mix two ounces (4 tablespoons) per gallon of water. This mixture will cover approximately 2,000 square feet when sprayed in broadcast fashion.

Garden residue: Apply in the fall as soon as the garden is finished producing, and earlier applications will be more effective. Apply at the two ounce per gallon rate and then wait 2-3 days before tilling the soil. Although light tillage enhances the product performance, tillage is not required for the product to work.

Lawns: Mix Residue Digester at the two ounce per gallon rate, and spray any time you see a build-up of thatch or grass clippings.

Composting: Mix at the above rate for each 10 cubic feet of compost material. Apply on a regular basis as needed.

# SEPTIC TANK ACTIVATOR

## NATURAL SOLUTION TO WASTE PROBLEMS

Septic Tank Activator contains a series of specially formulated enzymes that promote natural decomposition of waste matter. It enhances the microbial and bacterial activity within the septic system that normally becomes depressed or inactive due to detergents, soaps, and other toxic household chemicals that enter the septic system. The active bacteria eliminate crusting and sludge build-up as well as reduce odor in the system. The product is also ideal for odor control in recreational vehicles.

Application – home septic systems: For normal septic maintenance, apply two ounces of product for each 100 gallons of septic tank capacity every 4-6 months. Pour the product directly into sink or bathtub drains, stools, or floor drains. The product will not harm bathroom fixtures. Use more often or apply at higher rates for problem systems.

Slow or plugged drains: Pour at least two ounces of the product into the problem drain, let stand for 8 hours, and then flush with water. You may need to plunge lightly if the drain is still slow.

Recreational vehicles: Pour a small amount of Septic Tank Activator directly into drains of sinks, bathtubs, etc. The best time is right after emptying the tanks.

# BENEFITS OF CHANDLER PRODUCTS

## What are Chandler Products?

Chandler Lawn, Garden, and Home Products are a family of specially formulated enzyme products. Each product is designed for a particular purpose, and the individual products are described in this brochure.

## What are enzymes?

Enzymes cause chemical reactions to take place but are not directly involved in the reaction. The enzymes are not altered by the reaction and do not become part of the new compounds formed by the reaction. For these reasons, we only require that enzymes are present to generate the reaction and only small quantities of the enzymes are needed.

## How can enzymes help my lawn or garden?

Almost all of the commercial plant foods, fertilizers, and other additives that we use on lawns, gardens, and houseplants are not directly available to the plants and must be converted to an organic form before the plant can use it. Soil bacteria and other microorganisms help to convert these nutrients, and the enzymes stimulate this biological activity.

## Notes and Comments:

- Increased seedling emergence and greater seedling vigor
- Improved plant health and greater resistance to pests, disease, predators, and stress
- Increased yield
- Improved quality of flowers and produce

**Always shake the bottle before using**

## Measurements:

- 1 tablespoon = 0.5 ounces
- 2 tablespoons = 1 ounce
- 3 tablespoons = 1.5 ounces
- 4 tablespoons = 2 ounces (0.25 cups)
- 1 gallon = 128 ounces

## Limited Warranty

Sellers' and Manufacturer's 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 from the manufacturer, whether expressed or implied, are hereby disclaimed.

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# ORDER FORM

## MIDWEST BIO-TECH, INC.

P.O. Box 156  
Erie, IL 61250  
Phone: 309-659-7773

Name: \_\_\_\_\_  
(Please print)

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: \_\_\_\_\_ --- \_\_\_\_\_

We accept orders for Chandler lawn, garden, and home products by regular mail, telephone, FAX, and electronic mail:

**Mail your order form and payment to:**

Midwest Bio-Tech  
P.O. Box 156  
Erie, IL 61250

**Phone your order to:** 309-659-7773

**FAX your order to:** 309-659-7827

**Send your order by electronic mail to:**

info@midwestbioman.com

For phone, FAX, and electronic mail orders, we will ship the product to you by UPS (unless otherwise specified) after we receive your check or money order. You may also find it convenient to send us advance orders for the Chandler products that you will pick up at one of the many farm shows we attend during the winter months (December to March).

For more information about Chandler Products for lawn, garden and home uses, please visit our company webpage at:

*www.midwestbioman.com*

We also carry the full line of Chandler Products designed for crop and livestock production on Midwestern farms and commercial agriculture operations.

Qty.	Products	Unit price	Item total
	8 oz. Seed Treat	\$8.00	
	8 oz. Soil	\$9.00	
	8 oz. Residue Digester	\$9.00	
	8 oz. Foliar	\$10.00	
	8 oz. Septic Tank Activator	\$10.00	
	16 oz Septic Tank Activator	\$18.00	
	3 pound Seed Treat	\$40.00	
Product total			
Tax*			
UPS & handling charges			\$10.00
Total enclosed			

\*Tax – Illinois residents add 6% tax, and Iowa residents add 5% tax.

All prices are subject to change without notice. All orders are shipped by UPS unless otherwise specified. Checks or money orders should be made out to:

MIDWEST BIO-TECH, INC.

We do not accept C.O.D. orders.

**THANK YOU FOR THIS BUSINESS!**