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Systems Integration Group, Inc.

ELEXA Plant Defense Booster  
9/2/97 Section 3 Registration MASTER Label  
Revised 6/10/99  
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(front panel)

# ELEXA™

## PLANT DEFENSE BOOSTER

<b>ACTIVE INGREDIENT:</b>	<b>% w/w</b>
Chitosan* .....	0.95%
<b>INERT INGREDIENTS:</b> .....	<u>99.05%</u>
<b>Total</b> .....	100.0%

\* Contains 0.08 pounds of active ingredient per gallon of product (equivalent to 9.5 grams of active ingredient per liter of product)

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing.  
Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT**

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not allow runoff into lakes; streams, ponds or public waterways.

**ACCEPTED**  
6/22/99  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 70464-1

Net Contents: \_\_\_\_\_ Gallons; \_\_\_\_\_ Liters

EPA Reg. No. 70464-1  
EPA Est. No.

(Side Panel)

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear: Long-sleeved shirt and long pants. Waterproof gloves. Shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**EMERGENCY INFORMATION**

For spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-424-9300.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**MIXING AND APPLICATION INSTRUCTIONS**

ELEXA is an aqueous product. Mix ELEXA product with clean water at the rate of 1 gallon of ELEXA product to 9 gallons of water. Apply according to the following directions.

Crop	Rate of ELEXA 1:9 diluted product per acre	Remarks (Also refer to Directions for Use)
<u>Tree Fruits</u> Apples Cherries Grapefruit Lemons Limes Nectarines Oranges Peaches Pears Plums Prunes Tangerines	25 - 400 gallons/Acre (0.2 - 3.2 lbs a.i./Acre)  *Apply ELEXA diluted spray at rates of 25-400 gallons per acre depending on tree size and spray equipment used.	Apply diluted spray at a rate of not less than 25 gallons per acre using conventional spray equipment. Apply before symptoms of disease appear. Repeat applications should be made at 7 day intervals. Check with the local certified pesticide applicator or county extension agent for the appropriate volume of spray to use for application.

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Crop	Rate of ELEXA 1:9 diluted product per acre	Remarks (Also refer to Directions for Use)
<p><b><u>Turf</u></b>            Bent grass            Bermuda grass            Bluegrass            Centipede grass            Dichondra            Fescue            Rye grass            Wheat grass            Zoysia grass            St. Augustine</p>	<p><u>25-200</u> gallons/Acre            (0.2-1.6 lbs. a.i./Acre)</p>	<p>Apply diluted spray at a rate of not less than 25 gallons per acre using conventional equipment. Apply before symptoms of disease appear. Repeat applications should be made at 7 day intervals. Check with the local certified pesticide applicator or county extension agent for the appropriate volume of spray to use for application.</p>
<p><b><u>Grain Crops</u></b>            Barley            Oats            Rice            Wheat</p>	<p><u>25 - 200</u> gallons/Acre            (0.2 - 1.6 lbs. a.i./Acre)</p>	<p>Apply diluted spray at a rate of not less than 25 gallons per acre using conventional spray equipment. Apply before symptoms of disease appear. Repeat applications should be made at 7 day intervals. Check with the local certified pesticide applicator or county extension agent for the appropriate volume of spray to use for application.</p>
<p><b><u>Field Crops</u></b>            Beans            Carrots            Cucumbers            Eggplant            Garlic            Ginseng            Green Peppers            Herbs            Leeks            Lentils            Onions            Peas            Potatoes            Pumpkins            Squash            Strawberries            Sweet Potatoes            Tomato</p>	<p><u>25 - 200</u> gallons/Acre            (0.2 - 1.6 lbs. a.i./Acre)</p>	<p>Apply diluted spray at a rate of not less than 25 gallons per acre using conventional spray equipment. Apply before symptoms of disease appear. Repeat applications should be made at 7 day intervals. Check with the local certified pesticide applicator or county extension agent for the appropriate volume of spray to use for application.</p>
<p>Grapes</p>	<p><u>25 - 300</u> gallons/Acre            (0.2 - 2.4 lbs. a.i./Acre)</p>	<p>Apply diluted spray at a rate of not less than 25 gallons per acre using conventional spray equipment. Apply before symptoms of disease appear. Repeat applications should be made at 7 day intervals. Check with the local certified pesticide applicator or county extension agent for the appropriate volume of spray to use for application.</p>

HOME GARDEN USE

ELEXA may be used as directed for home gardens. Prepare the spray mixture using one (1) part ELEXA with nine (9) parts of water. Spray until plant runoff.

GREENHOUSE USE

ELEXA may be used as directed for greenhouses. Prepare the spray mixture using one (1) part ELEXA with nine (9) parts of water. Spray until plant runoff.

USE PRECAUTIONS

To prevent contamination of the dilute solution of ELEXA by possible pesticide or other chemical residues in the spraying equipment, make sure that the equipment is thoroughly clean before and after use.

CHEMIGATION

Do not apply this product through any type of irrigation system.

GENERAL

ELEXA is derived from natural sources. When sprayed on the plant, the natural defense system of the plant is enhanced and the plant is protected against certain plant pathogens.

ELEXA PROVIDES PROTECTION AGAINST

<u>Scientific Name</u>	<u>Common Name</u>
Alternaria alternata	Leaf Spot
Botrytis cineria	Gray Mold
Colletotrichum spp.	Anthracnose
Fusarium spp.	Damping-Off
Pythium spp.	Damping-Off
Phytophthora infestans	Early Blight, Late Blight
Piricularia oryzae	Blast
Rhizoctonia spp.	Damping-Off
Various	Downy Mildew
Various	Powdery Mildew

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- o Coveralls
- o Waterproof gloves
- o Shoes plus socks

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, and greenhouses. Do not enter treated area without protective clothing until sprays have dried.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by disposal.

**PESTICIDE STORAGE**

Store in a dry place, out of direct sunlight, and away from food or feed.

**PESTICIDE DISPOSAL**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL**

Do not reuse empty container. Triple rinse (or equivalent), then offer for recycling, reconditioning or puncture and dispose of in a sanitary landfill, by incineration or by burning, if allowed by State and local authorities. If burned, stay out of smoke.

**NOTICE OF WARRANTY**

SafeScience Products, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with the label directions under normal conditions of use. SafeScience Products, Inc. makes no other express or implied warranties either of merchantability or fitness for a particular use. Handling, storage and use of the product by Buyer or User are beyond the control of SafeScience Products, Inc. and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. In no case will SafeScience Products, Inc. or Seller be held liable for consequential, special or indirect damages resulting from the handling, storage or use of this product.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

Produced by  
SafeScience Products, Inc.  
A Subsidiary of SafeScience, Inc.  
31 St. James Street, Suite 520  
Boston, MA 02116-4101 U.S.A.