

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7501W)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
70464-1

Date of Issuance:  
OCT 21 1997

Term of Issuance: Unconditional

Name of Pesticide Product: ELEXA

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code).

Agricultural Glycosystems, Inc.  
A Subsidiary of IGG International, Inc.  
One Kendall Square, Building 300  
Cambridge, MA 02139

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his own initiative, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right of exclusive use of the name or of its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) subject to the comments listed below:

1. Make the following label changes:
  - a. Add the phrase "EPA Registration No. 70464-1" to your label before you release the product for shipment
  - b. Add the appropriate Establishment Number to your label before you release the product for shipment
2. Submit five copies of the final printed labeling before you release this product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Unconditional registration does not eliminate the need for continual reassessment of a pesticide. If EPA determines, at any time, that additional data are required to maintain in effect, an existing registration, the Agency will require submission of such data under Section 3(c)(2)(B) of FIFRA.

Signature of Approving Official:

OCT 21 1997

8570-6

CONCURRENCES

SYMBOL	7511W	7511W					
SURNAME	Becklund	Spald					
DATE	10/20/97	10/20/97					

27

COPY

ELEXA Plant Defense Booster  
9/2/97 Section 3 Registration MASTER Label  
Revised 10/2/97  
Page 1 of 6

(front panel)

# ELEXA™

## PLANT DEFENSE BOOSTER

ACTIVE INGREDIENT:	% w/w
Chitosan* .....	0.95%
INERT INGREDIENTS: .....	<u>99.05%</u>
Total .....	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  
with COMMENTS  
In EPA Letter Dated  
*Oct 21, 1997*  
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.  
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><b>Tree Fruits</b></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.

ELEXA Plant Defense Booster  
 9/2/97 Section 3 Registration MASTER Label  
 Revised 10/2/97  
 Page 3 of 6

Crop	Rate of ELEXA 1:9 diluted product per acre	Remarks (Also refer to Directions for Use)
<u>Turf</u> Bent grass Bermuda grass Bluegrass Centipede grass Dichondra Fescue Rye grass Wheat grass Zoysia grass St. Augustine	<u>25-200</u> gallons/Acre (0.2-1.6 lbs. a.i./Acre)	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.
<u>Grain Crops</u> Barley Oats Rice Wheat	<u>25 - 200</u> gallons/Acre (0.2 - 1.6 lbs. a.i./Acre)	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.
<u>Field Crops</u> Beans Carrots Cucumbers Eggplant Garlic Ginseng Green Peppers Herbs Leeks Lentils Onions Peas Potatoes Pumpkins Squash Strawberries Sweet Potatoes Tomato	<u>25 - 200</u> gallons/Acre (0.2 - 1.6 lbs. a.i./Acre)	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.

Crop	Rate of ELEXA 1:9 diluted product per acre	Remarks (Also refer to Directions for Use)
Grapes	25 - 300 gallons/Acre (0.2 - 2.4 lbs. a.i./Acre)	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.

**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.

TANK MIX PROHIBITIONS

**IMPORTANT!** DO NOT TANK MIX ELEXA WITH ANY PESTICIDES or FERTILIZERS. Products appropriately labeled may be used 24 hours before and/or after application of ELEXA.

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.	Anthraxnose
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

Agricultural Glycosystems, 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. Agricultural Glycosystems, 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 Agricultural Glycosystems, 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 Agricultural Glycosystems, 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  
Agricultural Glycosystems, Inc.  
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