

# Di-Syston

## Seed Treatment Insecticide

as intended for the pesticide  
registered under  
EPA Reg. No. 3125-173

### Aviso.

AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

### Directions for use.

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using DI-SYSTON Seed Treatment Insecticide.

**CONDITIONS OF SALE:** The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographic area where the product is used. Insufficient control of pests may result from the occurrence of extraordinary or unusual weather, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to the crop to which the product is applied, other crops, animals, man, or the environment. Chemagro and the seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Chemagro and are, therefore, the responsibility of the buyer.

### Seed Treatment:

DI-SYSTON Seed Treatment Insecticide properly applied to cottonseed gives effective early season control of aphids and thrips attacking cotton. The product is ready to use as it comes

from the container and should be applied with seed treating equipment capable of distributing the chemical evenly on the seed. It is recommended that DI-SYSTON Seed Treatment Insecticide be applied only to good quality cottonseed.

Cottonseed treated with DI-SYSTON also provides for the reduction of mites on cotton during the critical period from emergence to about the four to six-leaf stage. Should insect or mite populations build-up after this time, apply recommended quantities of DI-SYSTON 15% Granular or DI-SYSTON Liquid Concentrate as a side-dress application.

### Recommended Applications.

CROP	INSECTS	DOSAGE	REMARKS
Cotton	Aphids	3.5 to 7 fluid ounces* per 100 lbs. of seed	Apply uniformly to cover all seeds.
	Thrips		
	Mites	7 fluid ounces* per 100 lbs. of seed	

\*Equivalent to 4 to 8 ounces DI-SYSTON active ingredient per 100 lbs. of seed

### Drum Handling.

1. Handle drums of DI-SYSTON carefully so as to avoid damage and prevent leakage.
2. Store drums of DI-SYSTON in a cool, well-ventilated place.
3. Open drums of DI-SYSTON only when set on end and under a ventilated hood. Unscrew bungs slowly to release any internal pressure. Then fit both bungs with valves.
4. To empty drums of DI-SYSTON, connect one valve to an open vent pipe and the other to a closed storage or impregnation system.
5. Drums that have contained DI-SYSTON should NEVER be re-used. Empty drums should be decontaminated by washing with hot, 5% caustic soda solution. They should then be perforated to prevent further use and be discarded in a safe place.

### For use only by commercial seed treaters. Low odor formulation.

#### ACTIVE INGREDIENT:

O,O-Diethyl S-[2-(ethylthio)ethyl]

phosphorodithioate ..... 95%

INERT INGREDIENTS: ..... 5%

EPA Reg. No. 3125-173-AA ..... 100%

EPA Est. 3125-MO-1

This container is dangerous if evidence of leakage is present. Read warning instructions and handle with extreme care, observing all precautions recommended.

**STOP—Read the label before use.**

**DANGER**  **POISON**

Keep out of reach of children.

Atropine sulfate is antidotal. Consult physician for emergency supply. (See side panel for antidote and danger statements).

**NET CONTENTS 500 POUNDS**



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### Restrictions.

If the low rate (3.5 fluid ounces) is used, insect control may be impaired if treated seed is carried-over to the next growing season. Repeat treatment at the low rate the following season to insure maximum insect control.

Under adverse conditions, such as extremely cool or wet or extremely dry weather, DI-SYSTON may cause some delay in emergence, stunting of seedlings, or reduction of stand. Such damage may be more pronounced in light, sandy soils. Plant injury may also occur or may be enhanced when certain pre-emergent herbicides are used in conjunction with DI-SYSTON.

Treated seeds exposed to soil surface will be hazardous to birds and wildlife. To protect fish and to avoid contamination of domestic waters, do not dispose of any of this material in or near any body of water. Apply this product only as specified on the label.

Cottonseed treated with DI-SYSTON must be properly labeled. This is the responsibility of the seed treater. For guidance see specimen seed label. Treated seed should be packaged in containers that will protect the handler from DI-SYSTON Insecticide.

**DANGER**  **POISON**

Poisonous by skin contact or if inhaled or swallowed. Rapidly absorbed through the skin. Repeated exposure may, without symptoms, be increasingly hazardous.

Do not breathe fumes. Wear a mask or respirator effective for protection against DI-SYSTON. Information as to suitable types of masks or respirators is available from the U.S. Bureau of Mines.

Do not get in eyes or on skin. Wear clean, heavy, natural rubber gloves and clean waterproof, or freshly laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently. Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before reuse.

In case of contact, immediately remove contaminated clothing and wash exposed area thoroughly with soap and warm water. For eyes, flush with water for 15 minutes.

In case of spillage, cover with an absorbent such as soda ash, clay, or sawdust. Sweep up and bury. Wash area thoroughly with strong lye solution.

**SYMPTOMS OF POISONING:** A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

**TREATMENT:** In case of poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, administer milk or water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 30 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Professional medical assistance should be secured immediately. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes.

### To Physician:

**ANTIDOTE—**Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

DI-SYSTON is a Reg. TM of the Parent Company of Farbentab-riken Bayer GmbH, Leverkusen.

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