



5905-115

GENERAL INFORMATION

"DIOSEN" Chloroneb-Disulfoton Granular is a systemic fungicide-insecticide for use in cotton at planting time. It enters the plant through the root system and can be expected to improve stands and plant vigor (a) through the suppression of seedling blights, damping-off and soreshin caused by such organisms as Rhizoctonia, Pythium, and Sclerotium rolfsii; and (b) by killing aphids, mites, and thrips as they feed on the plant. It is to be used in conjunction with cottonseed treated with a standard fungicide seed treatment.

DIRECTIONS

Apply at the following rates; for maximum effectiveness, granules should be placed at or slightly below the seed zone.

Soil Type	Application Rate - Lbs. Per Acre (12,000 to 14,000 Row Feet)	
	Drill	Hill Drop
Light	6	3
Medium	8	3 1/2
Heavy	10	4

When used at the maximum recommended rate under adverse weather conditions, use may result in some delay in emergence, stunting of seedlings, or reduction in stand.

Such effects may be more pronounced in light sandy soils. Plant injury may also occur when certain preemergence herbicides are used in conjunction with this product.

IMPORTANT

Use only according to label directions. This product is poisonous to fish and wildlife. Exposed granules on surface of ground may be hazardous to birds. Keep out of lakes, ponds, and streams. Do not re-use container; promptly destroy by burning or burying; stay out of smoke and vapors.

**DANGER! POISONOUS IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
RAPIDLY ABSORBED THROUGH SKIN.**
Do not get in eyes, on skin, on clothing.

Do not breathe dust.

In case of contact, wash skin with plenty of soap and water; for eyes, flush with water for 15 minutes and get medical attention; remove and wash contaminated clothing before re-use.

HELENA BRAND

DIOSEN

CHLORONEB* - DISULFOTON**

GRANULAR

Systemic Fungicide - Insecticide For Cotton

DANGER  **POISON**

KEEP OUT OF REACH OF CHILDREN

See Antidote and Precautions on Side Panel

ACTIVE INGREDIENTS _____ **17.5%**
 * Chloroneb (1,4-dichloro-2,5-dimethoxybenzene) _____ **7.5%**
 ** (O,O-diethyl S-2-(ethylthio) ethyl phosphorodithioate) _____ **10.0%**
INERT INGREDIENTS _____ **82.5%**

* From Du Pont "Demosan" † 65W Chloroneb Fungicide, U. S. Pat. 3,265,564

** From Chemagro "Di-Syston" † † Disulfoton Insecticide, U. S. Pat. 2,759,010 and Can. Pat. 518,967

† DEMOSAN is registered trademark in U.S. of E. I. du Pont de Nemours and Company (Inc.).

† † DI-SYSTON is registered trademark in U. S. and Canada of Farbenfabriken Bayer A.G., Chemagro Corporation licensee.

HELENA CHEMICAL COMPANY

West Helena, Ark. — Tampa, Fla.

Lubbock, Texas

CAUTION

 **POISON** 

**ANTIDOTE AND FIRST AID
CALL A PHYSICIAN AT ONCE
IN ALL CASES OF
SUSPECTED POISONING**

Symptoms of poisoning include a sense of "tightness" in the chest; swelling; contracted pupils; stomach pains; vomiting and diarrhea.

If swallowed, induce vomiting by giving a tablespoonful of salt in a glass of warm water. Administer milk or water freely and again induce vomiting until vomit fluid is clear. Have patient lie down and keep quiet. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN - 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.

Wear protective clothing and cotton or natural rubber gloves. Wear clean clothes daily. Wash rubber gloves with soap and water after use. Launder or discard cotton gloves after each days use; do not wear the same gloves for other work. Wash hands, arms, and face thoroughly with soap and warm water before eating or smoking. Keep unprotected persons out of the operating area or vicinity. Do not contaminate or store near feed or food. Wear respiratory protection.

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NET 25 LBS.