

1/1/86

RESTRICTED USE PESTICIDE
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

Galecron®

4E

Insecticide-Ovicide

For control of certain insects on cotton

NOTE: This product has been shown to cause cancer in laboratory animals. The user must read and follow all precautionary statements and instructions for use.

Active Ingredients:

Chlordimeform: <i>N</i> '-(4-chloro- <i>o</i> -tolyl)- <i>N,N</i> -dimethylformamidine	48.5%
Xylene range aromatic solvent	43.4%
Inert Ingredients:	8.1%
Total:	100.0%

Galecron 4E contains 4 lbs. chlordimeform per gallon

Keep Out of Reach of Children.

WARNING

See additional precautionary statements left of container seam

Five Gallons
U.S. Standard Measure

Control No. **52100**

EPA Reg. No. 100-551
EPA Est. 100-AL-1

See directions for use on panel at right.

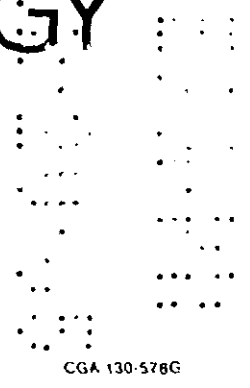
CIBA-GEIGY

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Galecron 4E

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT. Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product.

Conditions of Sale and Warranty

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

General Information

Galecron 4E is an insecticide and ovicide.

Galecron 4E acts primarily as an ovicide for the control of bollworm and tobacco budworm on cotton. Best results can be expected from fields under Pest Management/Scouting programs.

Galecron 4E used alone will have little or no effect on boll weevil (cotton) or on predators, beneficial insects, and bees.

Mixing Instructions

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate thoroughly before and during application. Good bypass agitation is sufficient to keep Galecron 4E in emulsion.

Galecron 4E Alone: Add $\frac{2}{3}$ of the required amount of water to the spray tank with the agitator running, then add the desired amount of Galecron 4E. Continue agitation while adding the remainder of the water.

Galecron 4E + Tank Mixtures: Add $\frac{2}{3}$ of the required amount of water to the spray tank. With the agitator running if possible, add the desired amount of the other products recommended on this label. Then add the desired amount of Galecron 4E. Continue agitation while adding the remainder of water.

Note: Do not let spray mixture stand overnight in the spray tank. Rinse spray tank at the end of the day.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, as crop injury may result.

DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT CONTROL, AND/OR ILLEGAL RESIDUES.

Cotton

Apply the specified rate below in water in a minimum of 1 gal. of spray mixture per acre with ground or aerial application equipment using low drift nozzles. Apply on a 3-5 day schedule when moth flights begin and/or when eggs appear. Continue applications as long as egg laying occurs. Apply the lower rate when insect populations are low or egg deposition is just starting. If larvae reach economic levels, use a tank mix as described below.

Note: Do not apply just before a rain or poor control may result.

Galecron 4E Alone (All cotton growing states except CA and AZ)

Bollworm: $\frac{1}{4}$ - $\frac{1}{2}$ pt./A

Tobacco budworm: $\frac{1}{2}$ pt./A

Galecron 4E + Tank Mixtures (All cotton growing states)

Galecron 4E acts primarily as an ovicide for control of bollworm and/or tobacco budworm on cotton. Best results can be expected in fields under a regular scouting program. In some cases it may be advantageous to apply Galecron 4E in a tank mix with other insecticides; for example, when egg hatch occurs because of delayed application or other causes, or when it is necessary to begin application in a field where bollworm/tobacco budworm larvae or other insect pests listed on the other product labels have reached economic levels. Use the above rates of Galecron 4E per acre except in CA and AZ where the $\frac{1}{2}$ pt. rate is recommended. Mix Galecron 4E with other insecticides recommended on this label according to the above mixing directions. Apply tank mixes immediately after mixing.

Galecron 4E has been found to be effective and compatible in tank mixture with the listed products. When using Galecron 4E in tank mixture, observe all limitations, precautions, and rate recommendations which appear on the labels for these products. Under conditions of low to moderate bollworm/budworm infestation levels and in closely scouted and supervised fields, the pyrethroid products may be tank mixed at the lowest labeled rate.

Ambush®	Dimethoate	Methyl parathion
Ammo®	Dimilin®	Methyl parathion
Azodrin®	Elcar®	+ toxaphene
<i>Bacillus thuringiensis</i>	EPN + Methyl parathion	Orthene®
Bolstar®	Guthion®	Pay-Off®
Bidrin®	Imidan®	Pounce®
Curacron®	Lorsban®	Pydrin®
Cymbush®	Methomyl	Supracide®

Notes: To avoid illegal residues, (1) Do not apply within 21 days of picking. (2) Do not feed foliage from treated cotton plants or gin trash to livestock. (3) Do not allow livestock to graze treated areas.

Yield Enhancement (All Cotton Growing Areas)

Applications of Galecron at 5-7 day intervals have resulted in cotton yields above that expected from insect control. For a yield enhancement effect, apply Galecron 4E at ¼-½ pt./A 4-6 times beginning at first pin head square formation (5-7 true leaf stage).

Note: Yield increase may not occur if plants are under stress during treatment. Applications may be combined with other insecticides as needed.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Storage—Do not store at temperatures below 32°F, since crystals may form. If allowed to freeze, place in a warm room (50-80°F) and roll and shake the container frequently for several days until crystals are dissolved.

Pesticide Disposal—Pesticide wastes may be acutely toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Disposal—Do not reuse this container. Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Special Precautions to Prevent Exposure

Wear minimum protective clothing when working in the loading area. Wear special protective clothing as indicated below to ensure against possible exposure during all operations associated with handling, mixing, and application.

Minimum Protective Clothing and Equipment: Heavy-duty, long-sleeve, one-piece work suit; cloth cap; underwear including T-type undershirt; heavy-duty fabric, rubber or neoprene-type gloves; socks; heavy-duty work boots (waterproofed), and goggles or face shield.

- Wear clean clothes each day and launder before reusing. Place contaminated clothing in a specially designated container until laundering.
- Keep a complete clean change of clothes at the work site for use if needed.
- Replace boots and gloves if contaminated.

Special Protective Clothing and Equipment

- Wear rubber boots (slip-on, knee-length, waterproof) and heavy-duty rubber or neoprene gloves when handling Galecron 4E during wet conditions, for limited cleaning or adjustment of equipment, in the case of a minor spill, or when otherwise appropriate for added protection.
- Wear a complete waterproof rubberized or plastic rain suit with head covering when cleaning or handling application equipment or when in the operation area, in the case of a spill or accident, or when otherwise appropriate for maximum protection.
- Wear an approved pesticide respirator, such as Willson 1200 facepiece equipped with Willson R-21 cartridges and R-15 filters, during application of Galecron 4E, during cleanup operations, in the event of spills or accidents, or when otherwise exposed to vapors or spray mist. Clean mask after each use and change cartridges and filters daily not to exceed 8 hours of use, or if breathing becomes difficult.
- Clean all protective clothing and equipment before reuse.

Personal Precautions

- If Galecron 4E concentrate or spray gets on clothing, remove contaminated clothing immediately and wash affected parts of body with soap and water. If there is any question as to the extent of contamination, bathe entire body thoroughly. Change to clean clothing.
- Wash hands with soap and water before eating, drinking, or smoking.
- At the end of the workday, bathe entire body with soap and plenty of water.

Special Equipment

- Galecron 4E must be transported, transferred, and mixed using closed system equipment. A closed system is defined as appropriate connections, meters, pumps, and plumbing designed to eliminate human contact. Do not use open mixing vats or tanks, or open pouring.
- All plumbing connections must be sufficiently tight to prevent leakage.
- Use hoses constructed of chemically resistant, heavy-duty, reinforced materials. Avoid excessive pressures to minimize the possibility of rupture. If any sign of weakness appears, flush the hose thoroughly with clean water and replace immediately.
- Transport and storage vessels, and transfer equipment must be equipped with dry-break valves.
- Any equipment which has been contaminated with Galecron 4E must be thoroughly cleaned and flushed with clean water prior to maintenance or use for other purposes. Wear appropriate protective clothing when performing equipment maintenance operations.
- Spray equipment must be equipped with low drift nozzles.

Accidents

- For minor spills, leaks, etc., follow all precautions indicated above and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.
- In the event of a major spill or accident, contact CIBA-GEIGY for assistance at (919) 292-7100 day or night.

Application and Reentry

- Do not apply this product in any manner that would directly or through drift expose unprotected persons. Unprotected persons must vacate the area being treated.
- Do not apply near an occupied dwelling.
- Do not enter treated areas for at least one day (24 hrs.) after application.

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

May be harmful or fatal if swallowed or absorbed through skin. Causes substantial but temporary eye irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield when handling and protective clothing as specified. Avoid breathing of vapors or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. Remove contaminated clothing immediately and wash before reuse.

Statement of Practical Treatment

If swallowed, call a physician or Poison Control Center immediately. **DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE.** Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, do so under medical supervision. Do not induce vomiting or give anything by mouth to an unconscious person.

If in eyes, immediately flush with plenty of water. Get medical attention.

If on skin, immediately remove contaminated clothing, wiping away excess material from skin. Wash skin with plenty of soap and water. Get medical attention.

If inhaled, move to fresh air.

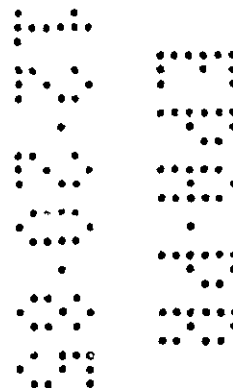
Note to Physician: There is no specific antidote for Galecron ingestion. Do not induce emesis. Lavage stomach, give a saline laxative and supportive therapy. Sympathomimetic drugs should be avoided as these may have potentiated effects (e.g. hypertensive crisis).

Environmental Hazards

This product is toxic to fish and wildlife. Do not contaminate any body of water by direct application, cleaning of equipment, or disposal of wastes. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flame.



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- Ammo® trademark of FMC Corporation
- Azodrin® trademark of Shell Chemical Company
- Bolstar® trademark of Mobay Chemical Corporation
- Bidrin® trademark of Shell Chemical Company
- Curacron® trademark of CIBA-GEIGY for profenofos
U.S. Patent No. 3,992,533
- Cymbush® trademark of ICI Americas, Inc.
- Dimilin® trademark of Thompson-Hayward
Chemical Company
- Elcar® trademark of Sandoz, Inc.
- Galecron® trademark of CIBA-GEIGY
for chlordimeform
U.S. Patent Nos. 3,378,437; 3,502,720; 3,487,156;
3,629,460; 3,462,537
- Guthion® trademark of Mobay Chemical Corporation
- Imidan® trademark of Stauffer Chemical Company
- Lorsban® trademark of Dow Chemical Company
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for methidathion

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