

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 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.

### Warning

Keep out of reach of children.

May be harmful or fatal if swallowed or absorbed through the skin. Do not contaminate food or feed. Do not get in eyes, on skin, or on clothing. Wear goggles when handling. In case of contact, flush with water and get medical attention. Avoid breathing vapors or spray mist. Wash hands with soap and water before eating, drinking, or smoking. Wear clean clothes and wash before reusing. Do not reuse container. Rinse thoroughly with water before destroying

occur. Do not apply when weather conditions favor drift from areas treated.

### General Information

Galecron 4E is a miticide, insecticide, and ovicide. It is effective for the control of mites resistant to other types of acaricides. In some cases, the killing action of Galecron 4E is relatively slow when compared with quick-acting miticides; a period of 24-96 hours or more may be required for mites to die.

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

### Mixing Instructions

Make certain spray equipment has been thoroughly cleaned before using this product. Fill the spray tank with  $\frac{3}{4}$  the amount of water needed before adding the required amount of Galecron 4E. Then continue filling the tank with the balance of water needed. Agitate thoroughly before and during application. Good bypass agitation is sufficient to keep Galecron 4E mixed.

**Note:** Do not let spray mixture stand overnight in the spray tank. Discard unused spray mixture in a safe place daily. Do not use with lime, lime-sulfur, Bordeaux Mixture, or other highly alkaline materials as a tank mix. Do not apply just before rain or poor control may result.

It is not necessary to use a spreader-sticker with Galecron 4E. However, if one is used, it is suggested that the tolerance of the crop to such a mixture be determined by first testing it on a small scale.

Crop	Pests	Rate	Application
Peaches Nectarines (West Coast Only)	Twospotted spider mite, European red mite, McDaniel mite, Peach silver mite	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Postbloom: Apply when n
	Peach twig borer, Oriental fruit moth	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply when n
Plums Prunes	Twospotted spider mite, European red mite, Pacific mite, McDaniel mite, Brown almond mite (clover mite)	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Prebloom: Follow bloom accord Service Spec Postbloom: Apply when n
	Peach twig borer	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply when n
Walnuts	Codling moth, Twospotted spider mite, European red mite, Walnut aphid (suppression)	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply in the second brood applications. mites and will
Cherries (West Coast Only)	Twospotted spider mite, Pacific mite, McDaniel mite	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Postharvest: Apply when n
Cabbage Broccoli Cauliflower Brussels Sprouts	Cabbage looper, Imported cabbageworm, Diamondback moth caterpillar	1 pt./A. Use sufficient water for thorough coverage of the crop (at least 50 gals./A). Aerial application (cabbage only): Apply in at least 3 gals. of water/A.	Apply when in
Seed Alfalfa (Western U.S. Only)	Twospotted spider mite	1 qt./A.* (Ground, Aerial)	Apply when m
Seed Clover (California Only)	Twospotted spider mite	1 qt./A.* (Ground, Aerial)	Apply when m
Cotton	Bollworm	$\frac{1}{4}$ -1 pt./A. **	All cotton area flights begin a laying occurs.
	Tobacco budworm	$\frac{1}{2}$ -1 pt./A. **	
	Cotton leafperforator	1-1 1/2 pts./A. **	Apply when eggs necessary in li
	Bollworm, Tobacco budworm	1-2 pts./A. **	Apply on 5-7 d

### \*Recommended Dosages

**Apples, Pears:** The rate of Galecron 4E/100 gals. is based on a dilute full cover spray from conventional sprayers. A full cover spray is considered to be 400-800 gals. per acre. This amounts to a minimum of 4 pts. and a maximum of 8 pts. of Galecron 4E per acre when concentrate sprays are used. When concentrate sprayers are used, increase the concentration of Galecron 4E in the spray mixture so that the amount of Galecron 4E per acre will be equivalent to a dilute spray. Apply by ground equipment only, except as specified below for pear psylla control.

**Aerial Application for Pear Psylla Control (West Coast Only):** Apply Galecron 4E undiluted or with oil with proper aerial application equipment, such as Beecomist dispensers with 20 micron sleeves or similar equipment capable of producing equivalent size spray particles, as follows:

Prebloom, postbloom: 4 pts. per acre  
Dormant only: 4 pts. + 2-2 1/2 gals. superior type oil per acre. Apply when first psylla eggs are found.

**Peaches, Nectarines, Plums, Prunes, Walnuts:** The rate of Galecron 4E/100 gals. is based on a full cover spray of 400-500 gals. per acre. When concentrate sprays are used, as with certain ground equipment, apply a minimum of 40 gals. of spray per acre and increase the concentration of Galecron 4E in the spray mixture so that the amount of Galecron 4E per acre will be equivalent to a dilute spray.

For aerial applications, apply 5 pts. in a minimum of 20 gals. of spray per acre.

**Cherries:** The rate of Galecron 4E/100 gals. is based on a dilute full cover spray from conventional sprayers. A full cover spray is considered to be 400-600 gals. per acre. This amounts to a minimum of 4 pts. and a maximum of 6 pts. of Galecron 4E per acre. When concentrate sprays are used, as with certain ground equipment apply a minimum of 90 gals. per acre and increase the concentration of Galecron 4E in the spray mixture so that the amount of Galecron 4E per acre will be equivalent to a dilute spray. For aerial applications, apply 5-6 pts. in a minimum of 20 gals. of water per acre.

**Clover, Alfalfa, Seed Production—**Apply in a minimum of 25 gals. of water per acre for ground application; 100 gals. of water per acre for aerial application.

**Note:** Application on seed clover may result in slight leaf burn.

**Cotton:** Apply the specified rate in a minimum of 100 gals. of water for ground or aerial applications.

\*\*In each case, where a range of rates is given, apply lower rate when insect populations are low or egg deposition is just starting; the higher rate when moderate to heavy insect populations and egg depositions are present.

\*\*\*Notice—To avoid excessive residues, observe the following spray and timing restrictions:

Discarding in a safe place. Do not  
treated areas with livestock.

### and Wildlife Caution:

Product is toxic to fish and wildlife.  
Do not contaminate any body of water.  
Proper application, cleaning of equip-  
ment, or disposal of wastes and container.

Do not apply where runoff is likely to  
occur. Do not apply when weather  
conditions favor drift from areas treated.

### General Information

Galecron 4E is a miticide, insecticide,  
and ovicide. It is effective for the control  
of mites resistant to other types of  
miticides. In some cases, the killing  
action of Galecron 4E is relatively slow  
compared with quick-acting  
miticides; a period of 24-96 hours  
may be required for mites to die.

Galecron 4E acts primarily as an ovicide  
for the control of bollworm and tobacco  
worm on cotton. Best results can be  
obtained from fields under Pest Man-  
agement/Scouting programs.

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

### Mixing Instructions

When certain spray equipment has been  
thoroughly cleaned before using this  
product. Fill the spray tank with 3/4 the  
amount of water needed before adding  
the required amount of Galecron 4E.  
Do not continue filling the tank with  
water until balance of water needed. Agitate  
thoroughly before and during application.  
Do not bypass agitation is sufficient  
to keep Galecron 4E mixed.

Do not let spray mixture stand over-  
night in the spray tank. Discard unused  
spray mixture in a safe place daily. Do not  
mix with lime sulfur Bordeaux

### Directions for Use

Galecron 4E is to be used according to the following directions. Cover sprays can be applied in addition to prebloom and postbloom applications.

Crop	Mite or Insect	Rate of Galecron 4E	Time and Frequency of Application ***
Apples Pears	European red mite, Apple rust mite, Pear yellow mite, Pear rust mite (Pacific Coast Only)	1 pt./100 gals.*	<i>Prebloom:</i> To control eggs and nymphs, apply anytime up to bloom. <i>Postbloom:</i> Apply when mites appear. Repeat applications when necessary. Apply no more than 3 gals. per acre per season.
	Twospotted spider mite, McDaniel mite	1 pt./100 gals.*	<i>Postbloom:</i> Apply when mites appear. Repeat applications when necessary. Apply no more than 3 gals. per acre per season.
	Codling moth, Leafrollers (Eastern U.S.—apples only)	1 pt./100 gals.*	Apply cover sprays according to State Agricultural Experiment Station or State Extension Service Specialist recommendations.
Pears	Pear psylla	1 pt./100 gals.* (Ground, Ground Concentrate) Aerial (West Coast Only)	<i>Prebloom:</i> Apply for adult control before egg laying and repeat when nymphs appear. <i>Postbloom:</i> Apply at petal fall (calyx). Repeat when psylla reappear. Apply no more than 3 gals. per acre per season. <i>Postharvest:</i> Apply as needed.
Peaches Nectarines (West Coast Only)	Twospotted spider mite, European red mite, McDaniel mite, Peach silver mite	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	<i>Prebloom:</i> For control of eggs and early hatching nymphs, apply at any time up to bloom according to State Agricultural Experiment Station or State Extension Service Specialist recommendations. <i>Postbloom:</i> Apply when mites appear. Make no more than 2 applications.
	Peach twig borer, Oriental fruit moth	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply when moth flights begin in the spring.
Plums Prunes	Twospotted spider mite, European red mite, Pacific mite, McDaniel mite, Brown almond mite (clover mite)	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	<i>Prebloom:</i> For control of eggs and early hatching nymphs, apply at any time up to bloom according to State Agricultural Experiment Station or State Extension Service Specialist recommendations. <i>Postbloom:</i> Apply when mites appear. Make no more than 2 applications.
	Peach twig borer	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply when moth flights begin in the spring.
Walnuts	Codling moth, Twospotted spider mite, European red mite, Walnut aphid (suppression)	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply in the spring when first brood codling moth flights begin. Repeat when second brood codling moth flights begin. Make no more than 2 postbloom applications. These sprays will control European red mites and twospotted spider mites and will aid in the suppression of walnut aphids.
Cherries (West Coast Only)	Twospotted spider mite Pacific mite McDaniel mite	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	<i>Postharvest:</i> Single application when mites appear.
Cabbage Broccoli Cauliflower Brussels Sprouts	Cabbage looper, Imported cabbageworm, Diamondback moth caterpillar	1 pt./A. Use sufficient water for thorough coverage of the crop (at least 50 gals./A). Aerial application (cabbage only): Apply in at least 3 gals. of water/A.	Apply when insects first appear. Repeat at 7-10 day intervals for continued control.
Seed Alfalfa (Western U.S. Only)	Twospotted spider mite	1 qt./A * (Ground, Aerial)	Apply when mites appear. Make no more than 2 applications per growing season.
Seed Clover (California Only)	Twospotted spider mite	1 qt./A * (Ground, Aerial)	Apply when mites appear. Make no more than 2 applications per growing season.
Cotton	Bollworm	1/2-1 pt./A. **	<i>All cotton areas except Calif. and Arizona.</i> Apply on a 3-5 day schedule when moth flights begin and/or when eggs appear. Continue applications as long as egg laying occurs.
	Tobacco budworm	1/2-1 pt./A. **	
	Cotton leafperforator	1-1 1/2 pts./A. **	Apply when eggs or larvae appear. Repeat in 7 days. A third application may be necessary in late cotton.
	Bollworm, Tobacco budworm	1-2 pts./A. **	Apply on 5-7 day schedule when eggs or worms appear.

### \*Recommended Dosages

**Apples, Pears:** The rate of Galecron 4E/100 gals. is based on a dilute full cover spray from conventional sprayers. A full cover spray is considered to be 400-800 gals. per acre. This amounts to a minimum of 4 pts. and a maximum of 8 pts. of Galecron 4E per acre when concentrate sprays are used. When concentrate sprayers are used, increase the concentration of Galecron 4E in the spray mixture so that the amount of Galecron 4E per acre will be equivalent to a dilute spray. Apply by ground equipment only, except as specified below for pear psylla control.

**Aerial Application for Pear Psylla Control (West Coast)**

For aerial applications, apply 5 pts. in a minimum of 20 gals. of spray per acre.

**Cherries:** The rate of Galecron 4E/100 gals. is based on a dilute full cover spray from conventional sprayers. A full cover spray is considered to be 400-600 gals. per acre. This amounts to a minimum of 4 pts. and a maximum of 6 pts. of Galecron 4E per acre. When concentrate sprays are used, as with certain ground equipment apply a minimum of 90 gals. per acre and increase the concentration of Galecron 4E in the spray mixture so that the amount of Galecron 4E per acre will be equivalent to a dilute spray. For aerial applications, apply 5-6 pts. in a minimum of 20 gals. of water per acre.

**Apples, Postbloom (cover spray)**—Do not apply more than 3 gals. Galecron 4E per acre per season while fruit is on the trees nor less than 14 days before harvest.

**Pears, Postbloom (cover spray)**—Do not apply more than 3 gals. Galecron 4E per acre per season while fruit is on the trees. Fruit may be picked on the day of last application.

**Peaches, Nectarines, Plums, Prunes, and Walnuts, Postbloom**—Do not apply less than 21 days before harvest. Do not make more than 2 postbloom applications. Do not graze treated areas with livestock.

**Cabbage, Broccoli, Cauliflower, and Brussels Sprouts**—Do not make more than 9 applications to the same crop. Do not apply less than 14 days before harvest.

ditions favor drift from areas treated.

## General Information

Galecron 4E is a miticide, insecticide, and ovicide. It is effective for the control of mites resistant to other types of acaricides. In some cases, the killing action of Galecron 4E is relatively slow compared with quick-acting acaricides; a period of 24-96 hours may be required for mites to die.

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

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

## Mixing Instructions

Before certain spray equipment has been thoroughly cleaned before using this product. Fill the spray tank with 3/4 the amount of water needed before adding the required amount of Galecron 4E. Then continue filling the tank with the balance of water needed. Agitate thoroughly before and during application. Good bypass agitation is sufficient to keep Galecron 4E mixed.

**Caution:** Do not let spray mixture stand overnight in the spray tank. Discard unused spray mixture in a safe place daily. Do not mix with lime, lime-sulfur, Bordeaux mixture, or other highly alkaline materials in tank mix. Do not apply just before rain or poor control may result.

It is not necessary to use a spreader-keeper with Galecron 4E. However, if it is used, it is suggested that the tolerance of the crop to such a mixture be determined by first testing it on a small scale.

Peaches Nectarines (West Coast Only)	Twospotted spider mite, European red mite, McDaniel mite, Peach silver mite	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	<b>Postbloom:</b> For control of eggs and early hatching nymphs, apply at any time up to bloom according to State Agricultural Experiment Station or State Extension Service Specialist recommendations. <b>Postharvest:</b> Apply when mites appear. Make no more than 2 applications.
	Peach twig borer, Oriental fruit moth	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply when moth flights begin in the spring.
Plums Prunes	Twospotted spider mite, European red mite, Pacific mite, McDaniel mite, Brown almond mite (clover mite)	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	<b>Prebloom:</b> For control of eggs and early hatching nymphs, apply at any time up to bloom according to State Agricultural Experiment Station or State Extension Service Specialist recommendations. <b>Postbloom:</b> Apply when mites appear. Make no more than 2 applications.
	Peach twig borer	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply when moth flights begin in the spring.
Walnuts	Codling moth, Twospotted spider mite, European red mite, Walnut aphid (suppression)	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply in the spring when first brood codling moth flights begin. Repeat when second brood codling moth flights begin. Make no more than 2 postbloom applications. These sprays will control European red mites and twospotted spider mites and will aid in the suppression of walnut aphids.
Cherries (West Coast Only)	Twospotted spider mite Pacific mite McDaniel mite	1 pt./100 gals.* (Ground, Ground Concentrate, Aerial)	<b>Postharvest:</b> Single application when mites appear.
Cabbage Broccoli Cauliflower Brussels Sprouts	Cabbage looper, Imported cabbageworm, Diamondback moth caterpillar	1 pt./A. Use sufficient water for thorough coverage of the crop (at least 50 gals./A). Aerial application (cabbage only): Apply in at least 3 gals. of water/A.	Apply when insects first appear. Repeat at 7-10 day intervals for continued control.
Seed Alfalfa (Western U.S. Only)	Twospotted spider mite	1 qt./A.* (Ground, Aerial)	Apply when mites appear. Make no more than 2 applications per growing season.
Seed Clover (California Only)	Twospotted spider mite	1 qt./A.* (Ground, Aerial)	Apply when mites appear. Make no more than 2 applications per growing season.
Cotton	Bollworm	1/4-1 pt./A. **	<i>All cotton areas except Calif. and Arizona.</i> Apply on a 3-5 day schedule when moth flights begin and/or when eggs appear. Continue applications as long as egg laying occurs.
	Tobacco budworm	1/2-1 pt./A. **	
	Cotton leafperforator	1-1 1/2 pts./A. **	Apply when eggs or larvae appear. Repeat in 7 days. A third application may be necessary in late cotton.
	Bollworm, Tobacco budworm	1-2 pts./A. **	Apply on 5-7 day schedule when eggs or worms appear.

### \*Recommended Dosages

**Apples, Pears:** The rate of Galecron 4E/100 gals. is based on a dilute full cover spray from conventional sprayers. A full cover spray is considered to be 400-800 gals. per acre. This amounts to a minimum of 4 pts. and a maximum of 8 pts. of Galecron 4E per acre when concentrate sprays are used. When concentrate sprayers are used, increase the concentration of Galecron 4E in the spray mixture so that the amount of Galecron 4E per acre will be equivalent to a dilute spray. Apply by ground equipment only, except as specified below for pear psylla control.

**Aerial Application for Pear Psylla Control (West Coast Only):** Apply Galecron 4E undiluted or with oil with proper aerial application equipment, such as Beecomist dispensers with 20 micron sleeves or similar equipment capable of producing equivalent size spray particles, as follows:

Prebloom, postbloom: 4 pts. per acre  
Dormant only: 4 pts. + 2-2 1/2 gals. superior type oil per acre. Apply when first psylla eggs are found.

**Peaches, Nectarines, Plums, Prunes, Walnuts:** The rate of Galecron 4E/100 gals. is based on a full cover spray of 400-500 gals. per acre. When concentrate sprays are used, as with certain ground equipment, apply a minimum of 40 gals. of spray per acre and increase the concentration of Galecron 4E in the spray mixture so that the amount of Galecron 4E per acre will be equivalent to a dilute spray.

For aerial applications, apply 5 pts. in a minimum of 20 gals. of spray per acre.

**Cherries:** The rate of Galecron 4E/100 gals. is based on a dilute full cover spray from conventional sprayers. A full cover spray is considered to be 400-600 gals. per acre. This amounts to a minimum of 4 pts. and a maximum of 6 pts. of Galecron 4E per acre. When concentrate sprays are used, as with certain ground equipment apply a minimum of 90 gals. per acre and increase the concentration of Galecron 4E in the spray mixture so that the amount of Galecron 4E per acre will be equivalent to a dilute spray. For aerial applications, apply 5-6 pts. in a minimum of 20 gals. of water per acre.

**Clover, Alfalfa, Seed Production—**Apply in a minimum of 25 gals. of water per acre for ground application; 10 gals. of water per acre for aerial application.

**Note:** Application on seed clover may result in slight marginal leaf burn.

**Cotton:** Apply the specified rate in a minimum of 1 gal. of water for ground or aerial applications.

\*\*In each case, where a range of rates is given, apply the lower rate when insect populations are low or egg deposition is just starting; the higher rate when moderate to heavy insect populations and egg depositions are present.

\*\*\***Notice**—To avoid excessive residues, observe the following spray and timing restrictions:

**Apples, Postbloom (cover spray)—**Do not apply more than 3 gals. Galecron 4E per acre per season while fruit is on the trees nor less than 14 days before harvest.

**Pears, Postbloom (cover spray)—**Do not apply more than 3 gals. Galecron 4E per acre per season while fruit is on the trees. Fruit may be picked on the day of last application.

**Peaches, Nectarines, Plums, Prunes, and Walnuts, Postbloom—**Do not apply less than 21 days before harvest. Do not make more than 2 postbloom applications. Do not graze treated areas with livestock.

**Cabbage, Broccoli, Cauliflower, and Brussels Sprouts—**Do not make more than 9 applications to the same crop. Do not apply less than 14 days before harvest.

**Alfalfa, Clover (Seed Production Only)—**Use only on pure stands to be harvested for seed. Clear fields after harvest by burning or disking crop residue into soil.

Do not graze treated fields. Do not use treated crops, process by-products, or crop residues for livestock feed. Do not allow spray to drift into adjacent crops. Do not make more than 2 applications per growing season.

**Cotton—**Do not apply within 21 days of picking. Do not feed foliage from treated cotton plants or gin trash to livestock.

When using Galecron 4E in tank mixes with methyl parathion, methyl parathion/toxaphene, Azodrin, or Guthion, observe all limitations, precautions, and rate recommendations which appear on the labels for these products.

**Tank Mixtures on Cotton**—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 spraying program. In some cases it may be advantageous to apply Galecron 4E in a tank mix with other insecticides; for example, if 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 or boll weevil have reached economic levels. Galecron 4E should be tank mixed with other insecticides for control of other insect pests according to the following directions:

Add  $\frac{1}{4}$  the required amount of water to the spray tank. With the agitator running, add the desired amount of Azodrin<sup>®</sup>, methyl parathion, methyl parathion/toxaphene, or Guthion<sup>®</sup>. Continue agitation while adding the remainder of the water, followed by the desired amount of Galecron 4E. Bypass agitation will keep the tank mix in suspension. Always prepare fresh mixtures just prior to use. Tank mixes must be used immediately after mixing.

Other Insect Pests	Rate of Galecron 4E Per Acre * ***	Other Insecticide and Rate Per Acre	Label Rate
Bollworm and/or Tobacco budworm larvae <sup>1</sup>	$\frac{1}{4}$ -1 pt. (except Calif. and Ariz.) Calif. & Ariz.	Methyl Parathion	Label Rate
		Methyl Parathion + Toxaphene	
Boll weevil <sup>1</sup>	$\frac{1}{4}$ -1 pt.	Azodrin	Label Rate
		Methyl Parathion	
		Methyl Parathion + Toxaphene	
		Guthion Azodrin	
Lygus, Pink bollworm <sup>1</sup> (Calif. & Ariz. Only)	$\frac{1}{2}$ -1 pint	Azodrin	Label Rate

<sup>1</sup>Apply when pests reach economic levels.\*\*\*

### Storage Instructions

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.

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

Azodrin<sup>®</sup> trademark of Shell Chemical Company  
Guthion<sup>®</sup> trademark of Chemagro  
Galecron<sup>®</sup> 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

Agricultural Division  
CIBA-GEIGY Corporation  
Greensboro, North Carolina 27409  
CGA 35L1F

ACCEPTED

AUG 5 1976

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. /

# Galecron<sup>®</sup> SP

## Insecticide- Miticide

For control of certain  
insects on deciduous  
fruits, cotton, vegeta-  
bles and certain  
other listed crops

**2 1/2  
Pounds**

Net Weight

**Active Ingredient:**  
Chlordimeform hydro-  
chloride: *N'*-(4-chloro-o-  
tolyl)-*N*, *N*-dimethyl-  
formamidine mono-  
hydrochloride . . . . 95%  
**Inert Ingredients:** 5%  
**Total:** 100%

EPA Reg. No. 100-554-AA

Galecron SP  
is a soluble powder

## Warning:

Keep out of reach  
of children.

See additional  
warning statements  
on right panel.

See directions for use  
on right panel.

# CIBA-GEIGY

**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.

**Warning**

Keep out of reach of children.

May be harmful or fatal if swallowed or absorbed through the skin. Do not contaminate food or feed. Do not get in eyes, on skin, or on clothing. Wear goggles when handling. In case of contact, flush with water and get medical attention. Avoid breathing dust or spray mist. Wash hands with soap and water before eating, drinking, or smoking. Wear clean clothes and wash before reusing. Destroy empty containers by burning. Do not inhale smoke from burning containers. Do not graze treated areas with livestock.

**Fish and Wildlife Caution:**

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 and containers. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

**General Information**

Galecron SP is a miticide, insecticide, and ovicide. It is effective for the control of mites resistant to other types of acaricides. In some cases, the killing action of Galecron SP is relatively slow when compared with quick-acting miticides; a period of 24-96 hours or more may be required for mites to die.

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

**Mixing Instructions**

Make certain spray equipment has been thoroughly cleaned before using this product. Fill the spray tank with  $\frac{3}{4}$  the amount of water needed before adding the required amount of Galecron SP. Then continue filling the tank with the balance of water needed with the agitator running. For tanks without agitator, stir with a paddle until Galecron SP has completely dissolved.

**Note:** Do not let spray mixture stand overnight in the spray tank. Discard unused spray mixture in a safe place daily. Do not use with lime, lime-sulfur, Bordeaux Mixture, or other highly alkaline materials as a tank mix. Do not apply just before rain or poor control may result.

It is not necessary to use a spreader-sticker with Galecron SP. However, if one is used, it is suggested that the tolerance of the crop to such a mixture be determined by first testing it on a small scale.

ACCEPTED

8-5-76

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
UNDER NO. 100-554

**Directions for Use**

Galecron SP is to be used according to the following directions. Cover sprays can be applied in addition to prebloom and postbloom applications.

Crop	Mite or Insect	Rate of Galecron SP	Time and Frequency of Application**
Apples Pears	European red mite Apple rust mite Pear yellow mite Pear rust mite (Pacific Coast only)	½ lb./100 gals.*	<b>Prebloom:</b> To control of eggs and nymphs, apply any time up to bloom. <b>Postbloom:</b> Apply when mites appear. Repeat applications when necessary. Apply no more than 12 lbs. per acre per season.
	Twospotted spider mite McDaniel mite	½ lb./100 gals.*	<b>Postbloom:</b> Apply when mites appear. Repeat applications when necessary. Apply no more than 12 lbs. per acre per season.
	Codling moth Leafrollers (Eastern U.S. — apples only)	½ lb./100 gals.*	Apply cover sprays according to State Agricultural Experiment Station or State Extension Service Specialist recommendations.
Pears	Pear psylla	½ lb./100 gals.*	<b>Prebloom:</b> Apply for adult control before egg laying and repeat when nymphs appear. <b>Postbloom:</b> Apply at petal fall (calyx). Repeat when psylla reappear. Apply no more than 12 lbs. per acre per season. <b>Postharvest:</b> Apply as needed.
Peaches Nectarines (West Coast Only)	Twospotted spider mite European red mite McDaniel mite Peach silver mite	½ lb./100 gals.* (Ground, Ground Concentrate, Aerial)	<b>Prebloom:</b> For control of eggs and early hatching nymphs, apply at any time up to bloom according to State Agricultural Experiment Station or State Extension Service Specialist recommendations. <b>Postbloom:</b> Apply when mites appear. Make no more than 2 applications.
	Peach twig borer Oriental fruit moth	½ lb./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply when moth flights begin in the spring.
Plums Prunes	Twospotted spider mite European red mite Pacific mite McDaniel mite Brown almond mite (clover mite)	½ lb./100 gals.* (Ground, Ground Concentrate, Aerial)	<b>Prebloom:</b> For control of eggs and early hatching nymphs, apply at any time up to bloom according to State Agricultural Experiment Station or State Extension Service Specialist recommendations. <b>Postbloom:</b> Apply when mites appear. Make no more than 2 applications.
	Peach twig borer	½ lb./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply when moth flights begin in the spring.
Walnuts	Codling moth Twospotted spider mite European red mite Walnut aphid (suppression)	½ lb./100 gals.* (Ground, Ground Concentrate, Aerial)	Apply in the spring when first brood codling moth flights begin. Repeat when second brood codling moth flights begin. Make no more than 2 postbloom applications. These sprays will control European red mites and twospotted spider mites and will aid in the suppression of walnut aphids.
Cherries (West Coast Only)	Twospotted spider mite Pacific mite McDaniel mite	½ lb./100 gals.* (Ground, Ground Concentrate, Aerial)	<b>Postharvest:</b> Single application when mites appear.
Cabbage Broccoli Cauliflower Brussels Sprouts	Cabbage looper Imported cabbageworm Diamondback moth caterpillar	½ lb./A. Use sufficient water for thorough coverage of the crop (at least 50 gals./A). Aerial application (cabbage only): Apply in at least 3 gals. of water/A.	Apply when insects first appear. Repeat at 7 to 10-day intervals for continued control.
Seed Alfalfa (Western U.S. Only)	Twospotted spider mite	1 lb./A* (Ground, Aerial)	Apply when mites appear. Make no more than 2 applications per growing season.
Seed Clover (California Only)	Twospotted spider mite	1 lb./A* (Ground, Aerial)	Apply when mites appear. Make no more than 2 applications per growing season.
Cotton	Bollworm	¼-½ lb./A**	All cotton areas except Calif. and Arizona. Apply on a 3-5 day schedule when moth flights begin and/or when eggs appear. Continue applications as long as egg laying occurs.
	Tobacco budworm	¼-½ lb./A**	Apply when eggs or larvae appear. Repeat in 7 days. A third application may be necessary in late cotton.
	Cotton leafperforator	½-¾ lb./A**	Apply when eggs or larvae appear. Repeat in 7 days. A third application may be necessary in late cotton.
	Bollworm Tobacco budworm	½-1 lb./A**	Apply on a 5-7 day schedule when eggs or worms appear.

**\* Recommended Dosages**

**Apples, Pears:** The rate of Galecron SP/100 gals. is based on a dilute full cover spray from conventional sprayers. A full cover spray is considered to be 400-500 gals. per acre. This amounts to a minimum of 2 lbs. and a maximum of 4 lbs. of Galecron SP per acre when concentrate sprays are used. When concentrate sprays are used, increase the concentration of Galecron SP in the spray mixture so that the amount of Galecron SP per acre will be equivalent to a dilute spray. Apply by ground equipment only.  
**Peaches, Nectarines, Plums, Prunes, Walnuts:** The rate of Galecron SP/100 gals. is based on a full cover spray of 400-500 gals. per acre. When concentrate sprays are used, as with certain ground equipment, apply a minimum of 40 gals. per acre and increase the concentration of Galecron SP in the spray mixture so that the amount of Galecron SP per acre will be equivalent to a dilute spray. For aerial applications, apply 2.5 lbs. in a minimum of 20 gals. of spray per acre.

(Directions for Use continued at right.)

UNDER THE FEDERAL INSECTICIDE  
 FUNGICIDE AND RODENTICIDE ACT  
 UNDER NO. 100-554

ACCEPTED  
 8-5-76

**Directions for Use (continued)**

**Cherries:** The rate of Galecron SP/100 gals. is based on a dilute full cover spray from conventional sprayers. A full cover spray is considered to be 400-500 gals. per acre. This amounts to a minimum of 2 lbs. and a maximum of 3 lbs. of Galecron SP per acre. When concentrate sprays are used, as with certain ground equipment, apply a minimum of 90 gals. per acre and increase the concentration of Galecron SP in the spray mixture so that the amount of Galecron SP per acre will be equivalent to a dilute spray. For aerial applications, apply a minimum of 2.5 lbs. in a minimum of 20 gals. of water per acre.

**Clover, Alfalfa, Seed Production—**Apply in a minimum of 25 gals. of water per acre for ground application; 10 gals. of water per acre for aerial application.

**Note:** Application on seed clover may result in slight marginal leaf burn.

**Cotton:** Apply the specified rate in a minimum of 1 gal. of water for ground or aerial applications.

\*\*In each case, where a range of rates is given, apply the lower rate when insect populations are low or egg deposition is just starting; the higher rate when moderate to heavy insect populations and egg depositions are present.

\*\*\*Timing—To avoid excessive residues, observe the following spray and timing restrictions:

**Apples, Peaches (cover spray)—**Do not apply more than 12 lbs. Galecron SP per acre per season while fruit is on the trees nor less than 14 days before harvest.

**Pears, Postbloom (cover spray)—**Do not apply more than 12 lbs. Galecron SP per acre per season while fruit is on the trees. Fruit may be picked on the day of last application.

**Peaches, Nectarines, Plums, Prunes, and Walnuts, Postbloom—**Do not apply less than 21 days before harvest. Do not make more than 2 postbloom applications. Do not graze treated areas with livestock.

**Alfalfa, Clover (Seed Production Only)—**Use only on pure stands to be harvested for seed. Clear fields after harvest by burning or disking crop residue into soil.

**Cabbage, Broccoli, Cauliflower, and Brussels Sprouts—**Do not make more than 9 applications to the same crop. Do not apply less than 21 days before harvest.

**Cotton—**Do not apply within 21 days of picking. Do not feed foliage from treated cotton plants or gin trash to livestock.

When using Galecron SP in tank mixes with methyl parathion, methyl parathion/toxaphene, Azodrin, or Guthlon, observe all limitations, precautions, and rate recommendations which appear on the labels for these products.

**Tank Mixtures on Cotton—**Galecron SP 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 SP in a tank mix with other insecticides; for example, if 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 or boll weevil have reached economic levels. Galecron SP should be tank mixed with other insecticides for control of other insect pests according to the following directions:

Add ¼ the required amount of water to the spray tank. With the agitator running, add the desired amount of Azodrin®, methyl parathion, methyl parathion/toxaphene, or Guthlon®. Continue agitation while adding the remainder of the water, followed by the desired amount of Galecron. Bypass agitation will keep the tank mix in suspension. Always prepare fresh mixtures just prior to use. Tank mixes must be used immediately after mixing.

Other Insect Pests	Rate of Galecron SP Per Acre **	Other Insecticide and Rate per Acre	Label Rate
Bollworm and/or Tobacco budworm larvae <sup>1</sup>	¼-½ lb. (except Calif. and Ariz.) Calif. & Ariz.	Methyl Parathion	Label Rate
		Methyl Parathion + Toxaphene	
Boll weevil <sup>1</sup>	¼-½ lb.	Azodrin	Label Rate
		Methyl Parathion	
		Methyl Parathion + Toxaphene	
Lygus Pink bollworm <sup>1</sup> (Calif. & Ariz. Only)	¼-½ lb.	Guthlon	Label Rate
		Azodrin	

<sup>1</sup>Apply when pests reach economic levels.\*\*\* (See preceding copy for footnotes.)

Azodrin® trademark of Shell Chemical Company  
 Guthlon® trademark of Chemagro  
 Galecron® trademark of CIBA-GEIGY for chlordimeform  
 U.S. Patent Nos. 3,378,437; 3,502,720; 3,462,537; 3,629,480; 3,487,158  
 Agricultural Division  
 CIBA-GEIGY Corporation  
 Greensboro, North Carolina 27409  
 CGA 35L2D

**CAUTIONS**

Avoid skin contact. Harmful if swallowed.  
May cause skin irritation or sensitization.  
Wash thoroughly in case of contact.  
Avoid inhalation of spray mist.

**DO NOT TAKE INTERNALLY.**

Avoid contamination of food and foodstuffs.  
Do not mix with oil or oil-based sprays.  
Do not spray when daytime temperatures are over 90°F.

**KEEP OUT OF REACH OF CHILDREN.**

Do not reuse empty container. Wash thoroughly with water and detergent. Discard in safe place.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or by disposal of wastes.

**WARNING: FLAMMABLE:**

**KEEP AWAY FROM HEAT OR OPEN FLAME**

**NON-WARRANTY:** Manufacturer or Seller makes no warranty, expressed or implied, concerning the use of this product other than for the purposes indicated on the label. Manufacturer or Seller is not liable for any injury or damage caused by this product due to misuse, mishandling or any application not specifically described and recommended on the label.

**\$2.95**



**MILDU-CURE**

**ON ORNAMENTALS, FLOWERS, SHRUBS & FRUIT CROPS  
CONTROLS POWDERY MILDEW & SPIDER MITES**

**CAUTION: KEEP OUT OF REACH OF CHILDREN  
SEE LEFT PANEL FOR OTHER CAUTIONS**

**ACTIVE INGREDIENTS:**

2,4-Dinitro-6-ethylphenyl crotonate	2.20%
2,6-Dinitro-4-ethylphenyl crotonate	0.40%
Nitroethylphenols (principally dinitro)	3.00%
Inerts from Karathane	93.95%
<b>INERT INGREDIENTS:</b>	
TOTAL	<b>100.00%</b>

\*A mixture of 1-methylheptyl, 1-ethylhexyl and 1-propylpentyl isomers.

**EPA Reg. No. 162-88**

**NET CONTENTS: 1 PINT (16 FL. OZ.)**



**SPRAYER SETTINGS:** Morgro Super Sprayer and Hose Master. Set dial at 4 tspns per gallon of water. For other kinds of sprayers mix 4 tspns per gallon of water.

**FOR BEST RESULTS**

- 1 Spray top and underside of all foliage and stems or branches to point of runoff. Make first application when mildew or mites appear.
- 2 Best spray time is in early morning hours on a calm day at temperatures under 90°F.
- 3 Wash sprayer thoroughly after use.
4. READ CAUTIONS listed on left panel.

**DIRECTIONS FOR USE**

**ROSES, FLOWERS, SHRUBS, EVERGREENS & NON-BEARING FRUIT TREES**

Mix 4 tspns per gallon water. Repeat in 7-10 days and continue as long as mildew or mites appear.

**FRUITS**

**Apricots, Peaches:** Can be sprayed up to 45 days from harvest. Mix at 4 tspns per gallon of water. Repeat at 7-10 day intervals as needed.

**Apples, Grapes, Pears:** Can be sprayed up to 21 days from harvest. Mix at 4 tspns per gallon of water. Repeat at 7-10 day intervals as needed.

**Cantaloupes, Watermelons, Muskmelons, Honeydew Melons, Cucumbers, Pumpkins, Squash:** Can be sprayed up to 7 days from harvest. Mix at 4 tspns per gallon of water. Repeat at 7-10 day intervals as needed.

ACCEPTED

JUL 1 1973

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
FUNGICIDE AND REPELLENTS ACT  
FOR ECONOMIC POISON REGISTERED UNDER NO. 162-88

1 (of 2)

\* **KELTHANE DUST 2%**

Miticide

**ACTIVE INGREDIENT:**

1,1-bis(chlorophenyl)-2,2,2-trichloroethanol ..... 2.0%

**INERT INGREDIENTS** .....

98.0%  
Total 100.0%

\*Kelthane is a registered trade mark of Rohm & Haas.  
CAUTION: KEEP OUT OF REACH OF CHILDREN  
USE ONLY No. 168-116

**DIRECTIONS FOR USE**

Use Kelthane 2% Dust to control the common species of mites such as the two spotted, European red, clover, carmine spider, six spotted, Pacific, strawberry (Atlantic) spider, privet, Schoene, McDaniel, Willamette, desert, tropical spider, tomato russet, apple rust, plum nursery (cherry rust) and peach silver mite which attack certain vegetables, fruits, field crops, ornamentals and nursery stock.

Apply whenever mite populations appear in threatening numbers or follow timing recommendations of local authorities. Repeat the application as required for effective control. To avoid excessive residues use dosage rates recommended below. Do not apply closer to harvest than specified below for each crop. Do not use on forage or feed crops.

Thorough and uniform coverage to all parts of the plants, especially to undersides of leaves, is necessary for best results.

Kelthane 2% dust may be applied with ground or air equipment. Use higher recommended rates for air application. Make applications when air is quiet, usually early morning or evening. Do not make aerial application when ground wind exceeds 4 to 5 m.p.h.

**VEGETABLE AND FIELD CROPS:**

Use 30 to 40 pounds per acre on small or medium sized plants such as beans, cucurbits. Use 40 to 50 pounds per acre on tall or thick crops such as irrigated tomatoes and seed alfalfa.

**ALFALFA FOR (SEED)**

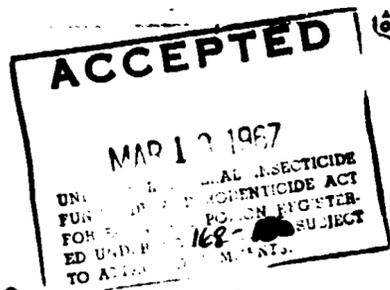
To control two-spotted, Pacific, carmine and strawberry (Atlantic) mites, use 40 to 50 pounds of Kelthane 2% dust per acre. Do not feed thrashed straw to meat or dairy animals. Do not use on alfalfa or other legums to be harvested for forage.

**BEANS (Dry and Succulent):** To control two spotted, carmine, Pacific, Strawberry (Atlantic) mites - use 30 to 40 pounds of Kelthane 2% Dust per acre. Do not feed straw or crop residues to meat or dairy animals. Do not apply within 7 days of harvest.

**CANTALOUPE, CUCUMBERS, WATERMELONS, SQUASH, MELONS:** To control two spotted, strawberry (Atlantic), or Pacific mites - Use 30 to 40 pounds of Kelthane 2% Dust per acre. Do not apply within 2 days of harvest.

**TOMATOES, EGGPLANT, PEPPERS:** To control two spotted, tropical spider, tomato russet, Pacific and strawberry (Atlantic) mites, use Kelthane 2% Dust at 30 to 50 pounds per acre, depending on the size of the plants. Do not apply within 2 days of harvest.

REC'D SEP 2 1958



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2.

**FRUITS:**

**STRAWBERRIES:** To control two spotted, six spotted and strawberry (Atlantic) mites, use 30 to 40 pounds of Kelthane 2% Dust per acre. Do not apply within 2 days of harvest.

**GRAPES:** To control two spotted, Willamette, clover and Pacific mites, use 30 to 50 pounds of Kelthane 2% Dust per acre depending on the size of the vines and the density of the foliage. Do not apply within 7 days of harvest.

**RASPBERRIES, DEWBERRIES, LOGANBERRIES, BONGARBERRIES:** To control two spotted, clover, Willamette and Pacific mites, use 30 to 40 pounds of Kelthane 2% Dust per acre. Do not apply within 2 days of harvest.

**ORNAMENTALS:**

COPY ATTACHED

**ROSES, OTHER FLOWERS, SHRUBS, NURSERY STOCK:** To control mites common on greenhouses and out of door plants, use Kelthane 2% Dust in thorough full coverage application. Repeat as required.

**CAUTION:** Avoid repeated skin contact. Avoid inhalation of dust. Do not take internally. Avoid contamination of feed and foodstuffs. Wash thoroughly after handling.

**Non-Warranty:** Seller makes no warranty of any kind, expressed or implied, concerning the use of this product. Buyer assumes all risks of use or handling whether in accordance with directions or not.

Net Contents

WASATCH CHEMICAL COMPANY  
Salt Lake City, Utah

8/19/58

