

10182-434

12/29/2000

1/7

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060.



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
258168

Application for Pesticide - Section I

1. Company/Product Number <b>10182-434</b>	2. EPA Product Manager <b>GEORGE T. LAROGA</b>	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) <b>WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY</b>	PM# <b>93</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>ZENECA AG PRODUCTS INC. P.O. BOX 15458 WILMINGTON, DE 19850-5458</b> <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <b>NOTIFICATION</b> EPA Reg. No. _____ Product Name <b>DEC 29 2000</b>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

**CHANGE IN PRIMARY BRAND NAME FOR EPA REGISTRATION NUMBER 10182-434 FROM "WARRIOR T INSECTICIDE" to "WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY"**

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name <b>JAMES M. WAGNER</b>	Title <b>REGULATORY PRODUCT MGR</b>	Telephone No. (Include Area Code) <b>302-476-2364</b>
2. Signature <i>James M. Wagner</i>		3. Title <b>REGULATORY PRODUCT MGR</b>
4. Typed Name <b>JAMES M. WAGNER</b>		5. Date <b>11/28/00</b>

Certification  
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Date Application Received (Stamped)

NOTIFICATION  
DEC 29 2000

SHAKE WELL BEFORE USING

**RESTRICTED USE PESTICIDE**  
**Due to Toxicity to Fish and Aquatic Organisms**  
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.



**ACTIVE INGREDIENT:**

Lambda-cyhalothrin  
[1 $\alpha$ (S\*),3 $\alpha$ (Z)]-( $\pm$ )-cyano-(3-phenoxyphenyl)methyl-  
3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-  
dimethylcyclopropanecarboxylate ..... 11.4%  
**INERT INGREDIENTS:** ..... 88.6%  
**TOTAL** ..... 100.0%

WARRIOR<sup>®</sup> Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.

EPA Reg. No. 10182-434  
EPA Est. No. 10182-AR-1

**KEEP OUT OF REACH OF CHILDREN  
WARNING-AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).**  
**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

**STORAGE AND DISPOSAL**  
**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.  
**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**  
**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.  
**CONTAINER HANDLING:** After emptying, replace valve caps and tightly rebolt top hatch of tank truck. Follow ZENECA's instructions for return of empty tank truck.

WARRIOR<sup>®</sup> and ZEON<sup>™</sup> are trademarks of a ZENECA company.  
© 2000 ZENECA Ag Products Inc.

**REMOVE TAG BEFORE RELOADING CONTAINER**

Active Ingredient Made in UK; Formulated & Packaged in U.S.A.

**ZENECA Ag Products**

ZENECA Ag Products Inc.  
Wilmington, Delaware 19850-5458

(4007193  
090003

SHAKE WELL BEFORE USING

RESTRICTED USE PESTICIDE  
Due to Toxicity to Fish and Aquatic Organisms

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.



ACTIVE INGREDIENT:

Lambda-cyhalothrin  
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INERT INGREDIENTS: ..... 88.6%

TOTAL ..... 100.0%

WARRIOR® Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.

EPA Reg. No. 10182-434

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WARNING – AVISO

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IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

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FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton ≥ 14 mils
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

CONDITIONS OF SALE  
AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found in the attached booklet before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

DIRECTIONS FOR USE  
Restricted Use Pesticide

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.

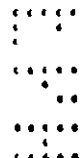
This labeling must be in the possession of the user at the time of application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

Net Contents: 15 gal (56.8 L)

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090003



**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.

**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**FOR BULK, MINI-BULK, E-Z HANDLER® AND BOOMERANG CONTAINER DISPOSAL:** Return container to ZENECA for reuse with seal intact and in salable condition.

**CONTAINER PRECAUTIONS:** Before refilling RETURNABLE CONTAINERS, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.

**REFILL ONLY WITH WARRIOR® Insecticide.** The contents of RETURNABLE CONTAINERS cannot be completely removed by cleaning. Refilling with materials other than WARRIOR® Insecticide will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

**UN 3352**



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*Pyrethroid pesticide, liquid, toxic (contains lambda-cyhalothrin), PGIII*

WARRIOR® and ZEON™ are trademarks of a ZENECA company.

© 2000 ZENECA Ag Products Inc.

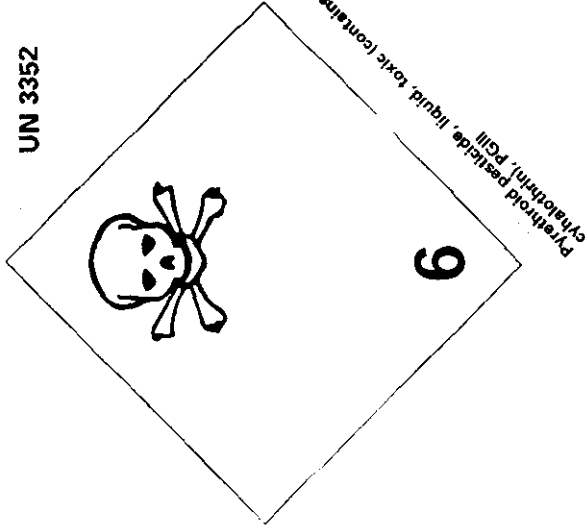
Active ingredient Made In UK; Formulated & Packaged in U.S.A.

**ZENECA Ag Products**

**ZENECA Ag Products Inc.  
Wilmington, Delaware 19850-5458**

04007195  
090003

UN 3352



NOTIFICATION  
DEC 29 2000

SHAKE WELL BEFORE USING

RESTRICTED USE PESTICIDE

Due to Toxicity to Fish and Aquatic Organisms or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.



**ACTIVE INGREDIENT:**  
Lambda-cyhalothrin  
1-(S)-3-(2,2,2-trifluoro-1-hydroxyethyl)-3-oxo-1-phenylpropan-1-yl piperonyl butoxide  
11.4%  
100.0%  
**TOTAL** 111.4%  
WARRIOR Insecticide contains 1 pound of active ingredient per gallon and is a capsaicin suspension.  
EPA Reg. No. 10192-434  
EPA Est. No.

KEEP OUT OF REACH OF CHILDREN  
WARNING-AVISO

It is used no enticement is required, because a signal para que se le explique a usted en detalle. (If you do not understand the label, please refer to the instructions on the back of the container.)

**IF SWALLOWED:** Do not induce vomiting. Drink 1 to 2 glasses of water and keep drinking. Do not get anything by mouth and do not induce vomiting.  
**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.  
**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F.A.S.T.-MED (327-6431).  
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING

MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED. MAY CAUSE IRRITATION OF THE EYES, SKIN, AND MUCOUS MEMBRANES. MODERATE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Sun exposure may also result in a sensation described as tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 minutes. Wash exposed skin with soap and water. Do not use on wet hair. Wash from the skin immediately after application of an oil based cream.  
**Personal Protective Equipment (PPE)**  
Some materials that are chemically-resistant to this product are listed below. If you want more catalog, follow the instructions on the label for an EPA Chemical Resistant Catalog selection chart.

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton  $\geq$  14 mils
- Shoes plus socks
- Protective eyewear

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
-Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
-Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

User Safety Recommendations

-Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
-Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
-Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. Do not apply directly to water or to areas near surface water. Do not apply to terrestrial areas below the tree canopy. Do not apply to areas where drift or conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.  
This product is highly toxic to bees exposed to direct treatment or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

CONDITIONS OF WARRANTY AND LIABILITY  
AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read this and the Directions for Use and Conditions of Sale and Limitation of Warranty and Liability for this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

DIRECTIONS FOR USE

Read the label for use of this product in a manner consistent 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. Do not apply this product to any surface that is not specifically mentioned on the label. For any specific use not covered by the label, contact the agency responsible for the registration of this product. Do not use in the possession of the user at the time of application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

**STORAGE AND DISPOSAL**  
Prohibitions: Do not contaminate water, food, or feed by storage and disposal.  
-Storage: Store in original containers only. Keep container tightly closed. Do not store above 100°F or below 32°F. Do not store in areas where children or animals can have access.  
-Disposal: Do not allow product to freeze.  
**PESTICIDE DISPOSAL:** Insecticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your nearest EPA authorized hazardous waste handler for disposal. Contact your nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.  
**CONTAINER HANDLING AND REUSE:** Do not reuse or refill this container. Do not reuse or refill this container with any other material.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**CONTAINER PRECAUTIONS:** Before refilling, RETURNABLE CONTAINERS: Inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure device.  
**RETURNABLE CONTAINERS:** Do not reuse or refill this container with any other material. Do not reuse or refill this container with any other material. Do not reuse or refill this container with any other material.

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CONTENTS:

After filling and before transporting, check for leaks.  
Do not refill or transport damaged or leaking container.  
CONTAINER IS NOT SAFE FOR CHILDREN, OR DRINKING WATER!  
© 2000 ZENECA Ag Products Inc.

ZENECA Ag Products

Wilmington, Delaware, 19850-3435

04007237  
050003

# SHAKE WELL BEFORE USING

## RESTRICTED USE PESTICIDE

Due to Toxicity to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by



### ACTIVE INGREDIENT:

Lambda-cyhalothrin  
[1 $\alpha$ (S\*),3 $\alpha$ (Z)]-( $\pm$ )-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate . . . . . 11.4%

**INERT INGREDIENTS:** . . . . . 88.6%

**TOTAL** . . . . . 100.0%

WARRIOR® Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.

EPA Reg. No. 10182-434

EPA Est. No. \_\_\_\_\_

### KEEP OUT OF REACH OF CHILDREN WARNING-AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).**  
**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

#### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

- Applicators and other handlers must wear:
- Long-sleeved shirt and long pants
  - Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton  $\geq$  14 mils
  - Shoes plus socks
  - Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found in the attached booklet before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

### DIRECTIONS FOR USE Restricted Use Pesticide

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. This labeling must be in the possession of the user at the time of application.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

# SHAKE WELL BEFORE USING

## RESTRICTED USE PESTICIDE

Due to Toxicity to Fish and Aquatic Organisms

Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.



### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.

**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**

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**FOR BULK, MINI-BULK, E-Z HANDLER® AND BOOMERANG CONTAINER DISPOSAL:** Return container to ZENECA for reuse with seal intact and in salable condition.

**CONTAINER PRECAUTIONS:** Before refilling RETURNABLE CONTAINERS, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.

**REFILL ONLY WITH WARRIOR Insecticide.** The contents of RETURNABLE CONTAINERS cannot be completely removed by cleaning. Refilling with materials other than WARRIOR Insecticide will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

WARRIOR® and ZEON™ are trademarks of a ZENECA company.  
© 2000 ZENECA Ag Products Inc.

**CONTENTS:** \_\_\_\_\_

Active Ingredient Made in UK; Formulated & Packaged in U.S.A.

# ZENECA Ag Products

ZENECA Ag Products Inc.  
Wilmington, Delaware 19850-5458

SHAKE WELL BEFORE USING

**RESTRICTED USE PESTICIDE**

Due to Toxicity to Fish and Aquatic Organisms

For retail sale and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certificate.



**ACTIVE INGREDIENT:**

Lambda-cyhalothrin

[1-(S)-1,3-d(2)]-(+)-cyano-Cl-phenoxystyrenylthioester 3:47 Chlorine 3:3:4

trifluoro-1-propenyl-2,2-dimethylpyrrolopyrrole carboxylate

11.4%

**INERT INGREDIENTS:**

88.6%

**TOTAL**

100.0%

WARRIOR® Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.

EPA Reg. No. 10182-014

EPA Est. No. [REDACTED]

**KEEP OUT OF REACH OF CHILDREN**

**WARNING AVISO**

Señalarlo en etiqueta, traducir a idioma español o traducir a idioma de otro país. Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Hold eyelids open and flush with clean, gently perming stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24 HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F.A.S.T.M.E.D (327-6633)**

**FOR CHEMICAL EMERGENCY (Spill, leak, fire, exposure, or accident) call CHEMTREC 1-800-424-9300.**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES

MEDICARE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS. Avoid contact

with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and

before eating, drinking or using tobacco.

Shedding may also result in a sensation described as tingling, itching, burning,

or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last

2 to 30 hours without damage. Wash exposed areas once with soap and water. Relief

from the skin sensation may be obtained by applying an oil-based cream.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want

more options, follow the instructions for category F on an EPA chemical resistance

category selection chart.

Application of other handlers must wear:

\*Long-sleeved shirt and long pants

\*Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or

other listed

\*Shoes plus socks

\*Protective eyewear

Be careful not to let other absorbent materials that have been drenched or heavily

contaminated with this product's concentrate. Do not reuse them. Follow manufac-

turer'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.

When handling these closed systems, enclosed cabs, or enclosures in a manner that meets

EPA requirements listed in the Worker Protection Standard (WPS) for agricultural use,

see 40 CFR 170.240(d)(4-8); the handler PPE requirements may be reduced or mod-

ified as specified in the WPS.

**User Safety Recommendations**

Users should:

\*Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

\*Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put

clothing in laundry.

\*Remove PPE immediately after handling this product. Wash the outside of gloves

before reusing. As soon as possible, wash thoroughly and change into clean

clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor

drift from treated areas. Drift and runoff from treated areas may be hazardous to

aquatic organisms in neighboring areas. Do not contaminate water when disposing of

equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming

crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds

if bees are visiting the treatment area.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of

Warranty and Liability found in the attached booklet before buying or using this

product. If the terms are not acceptable, return the product at once, unopened, and

the purchase price will be refunded.

**DIRECTIONS FOR USE**

**Restricted Use Pesticide**

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.

This labeling must be in the possession of the user at the time of application.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection

Standard, 40 CFR part 170. Refer to supplemental labeling (e.g., attached booklet)

under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section

for information about this standard.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.

**STORAGE:** Store in original containers only. Keep containers closed when not in use.

Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak

up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT**

**ALLOW PRODUCT TO FREEZE.**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of

excess pesticide spray mixture, or residue is a violation of Federal law. If these

wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL:** Triple-rinse (or equivalent), then offer for recycling or recon-

ditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if

allowed by State and local authorities, by burning. If burned, stay out of smoke.

**FOR BULK, MINI-BULK, E-Z HANDLE® AND BOOMERANG CONTAINER DISPOSAL:**

Return container to ZENCA for reuse with seal intact and in saleable condition.

**CONTAINER PRECAUTIONS:** Before refilling RETURNABLE CONTAINERS, inspect

thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and dam-

aged or worn threads on closure devices.

**REFILL ONLY WITH WARRIOR Insecticide.** The contents of RETURNABLE CON-

TAINERS cannot be completely removed by cleaning. Refilling with materials other

than WARRIOR Insecticide will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

WARRIOR® and ZENCA® are trademarks of ZENCA Company.

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Contents: 15 gal (56.8L)

**ZENCA Ag Products**

ZENCA Ag Products Inc.  
Wilmington, Delaware 19880-0001

04007235  
09/00/03

NOTIFICATION  
DEC 29 2000



**SHAKE WELL BEFORE USING**

**RESTRICTED USE PESTICIDE**

**Due to Toxicity to Fish and Aquatic Organisms**

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.



**ACTIVE INGREDIENT:**

Lambda-cyhalothrin

[1 $\alpha$ (S\*),3 $\alpha$ (Z)]-( $\pm$ )-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate ..... 11.4%

**INERT INGREDIENTS:** ..... 88.6%

**TOTAL** ..... 100.0%

WARRIOR<sup>®</sup> Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.

EPA Reg. No. 10182-434

EPA Est. No. [REDACTED]

**KEEP OUT OF REACH OF CHILDREN**

**WARNING-AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).**

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton  $\geq$  14 mils
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**CONDITIONS OF SALE  
AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found in the attached booklet before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

**DIRECTIONS FOR USE  
Restricted Use Pesticide**

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.

This labeling must be in the possession of the user at the time of application.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.

**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**FOR BULK, MINI-BULK, E-Z HANDLER® AND BOOMERANG CONTAINER DISPOSAL:** Return container to ZENECA for reuse with seal intact and in salable condition.

**CONTAINER PRECAUTIONS:** Before refilling RETURNABLE CONTAINERS, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.

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After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

WARRIOR™ and ZEON™ are trademarks of a ZENECA company.  
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**Contents: 15 gal (56.8L)**

Active Ingredient Made in UK, Formulated & Packaged in U.S.A.

**ZENECA Ag Products**

**ZENECA Ag Products Inc.  
Wilmington, Delaware 19860-6468**

04907235  
090103

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.  
**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.  
**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).**  
**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil based cream.

**Personal Protective Equipment (PPE)**

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

- Applicators and other handlers must wear:
    - \* Long sleeved shirt and long pants
    - \* Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton > 14 mils
    - \* Shoes plus socks
    - \* Protective eyewear
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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. When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

- Users should:
- \* Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
  - \* Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
  - \* Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**SHAKE WELL BEFORE USING**

**RESTRICTED USE PESTICIDE**

**Due to Toxicity to Fish and Aquatic Organisms**

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.



**ACTIVE INGREDIENT:**

Lambda-cyhalothrin  
 [1 $\alpha$ (S\*),3 $\alpha$ (Z)]-(4)-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate ..... 11.4%  
**INERT INGREDIENTS:** ..... 88.6%  
**TOTAL** ..... 100.0%

WARRIOR® Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.

EPA Reg. No. 10182-434

EPA Est. No. 10182-AR-1

**KEEP OUT OF REACH OF CHILDREN**

**WARNING-AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Active Ingredient Made in U.S. Formulated & Packaged in U.S.A.

**ZENECA Ag Products**

ZENECA Ag Products Inc.  
 Wilmington, Delaware 19880-0400

Contents: 1 qt (0.95L)

See Side Panel for  
 Precautionary Statements

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found inside this booklet before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

**DIRECTIONS FOR USE Restricted Use Pesticide**

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. This labeling must be in the possession of the user at the time of application.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal. **STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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 ©2000 ZENECA Ag Products Inc.

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NOTIFICATION  
 DEC 29 2000

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**CONDITIONS OF SALE  
AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENECA, and Buyer and User assume the risk of any such use. **ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.

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### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-0633).**  
**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### WARNING

**MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS.** Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

#### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton  $\geq$  14 mils
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

#### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

### DIRECTIONS FOR USE

#### Restricted Use Pesticide

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.

This labeling must be in the possession of the user at the time of application.

#### 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 24 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:

- Coveralls
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton  $\geq$  14 mils
- Shoes plus socks

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.

**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### GENERAL DIRECTIONS FOR USE

Initial and residual control are contingent upon thorough crop coverage. Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground unless otherwise specified in this label. When foliage is dense or pest pressure is high (heavier insect or egg pressure, larger larval stages), use of higher application volumes and/or higher use rates may improve initial and residual control.

For cutworm control, WARRIOR<sup>®</sup> Insecticide may be applied before, during or after planting. For soil incorporated applications, use higher rates for improved control.

**Resistance:** Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

#### SPRAY DRIFT PRECAUTIONS

**OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.**

- Do not apply by ground within 25 feet, or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes, pot holes, or natural ponds; estuaries and commercial fish farm ponds. Increase the buffer zone to 450 feet when ultra-low volume (ULV) application is made.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
- For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of wing span or rotor diameter.
- Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.

- Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.
- Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
- Risk of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
- Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.
- Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

In the State of New York, a 25 foot vegetated, non-cropped buffer strip untraversed by drainage tiles must be maintained between a treated field and a coastal salt marsh or stream that drains into a coastal salt marsh, for both aerial or ground application. For aerial applications, the 25 foot vegetated non-cropped buffer strip for runoff protection would be part of the larger 150 foot buffer strip (or 450 foot buffer strip for ULV application) required for spray drift.

#### TANKMIX APPLICATION

When tank mixing with any other agricultural products, always add WARRIOR Insecticide last. Fill the tank with one half to two thirds volume of the mixing diluent. Make sure all other products are fully dispersed in the mixing diluent before adding the recommended rate of WARRIOR Insecticide to the tank. Add the remainder of the mixing diluent volume. It is recommended that mixing and spray equipment have continuous agitation for best results. Follow the precautions and limitations of the most restricted product in the tank mixture.

While WARRIOR Insecticide has good flexibility for tank mixing with other agricultural products, a jar test for physical compatibility is recommended for unfired mixtures using proper ratios and mixing sequences of all ingredients to be included in the mixture.

WARRIOR Insecticide is an aqueous based formulation. It is recommended that no type of non-emulsifiable oils be used in combination with WARRIOR Insecticide. If adjuvants are used, use only:

Nonionic Surfactant (NIS) containing at least 75% surface agent or  
Non-phytotoxic Crop Oil Concentrate (COC), including once refined Vegetable Oil Concentrate (VOC), or Methylated Sunflower Oils (MSO) containing a minimum of 17% emulsifier.

Adjuvants other than NIS or COC may be used providing the product meets the following criteria:

1. Contains only EPA exempt ingredients.
2. Is non-phytotoxic to the target crop.
3. Is compatible in mixture. (May be established through a jar test.)
4. Is supported locally for use with WARRIOR Insecticide on the target crop through proven field trials and through university and extension recommendations.

In addition, the following may be used as diluents:

- Crop Oil Concentrate
- Methylated Sunflower Oils
- Urea-Ammonium Nitrate

It is recommended that the following not be used in combination with WARRIOR Insecticide as diluents or adjuvants:

- Non-emulsifiable oils,
- Diesel Fuel
- Straight Mineral Oil

#### CHEMIGATION

##### SPRINKLER IRRIGATION APPLICATION

Apply WARRIOR Insecticide at rates and timing described elsewhere in this label. As local recommendations differ, consult your local State Extension Service or other local experts for recommendations on adjuvant or diluent types, (see TANKMIX APPLICATION) rates and mixing instructions. These recommendations should be proven, through university and extension field trials, to be effective with WARRIOR Insecticide applied by chemigation.

Check the irrigation system to insure uniform application of water to all areas. Thorough coverage of foliage is required for good control. Good agitation in the pesticide supply tank should be maintained prior to and during the entire application period.

Apply by injecting the recommended rate of WARRIOR Insecticide into the irrigation system using a metering device that will introduce a constant flow and by distributing the product to the target area in 0.1-0.2 acre-inch of water. In general, use the least amount of water required for proper distribution and coverage. It is recommended that the product be injected into the main irrigation line ahead of a right angle turn in the line to insure adequate dispersion or mixing in the irrigation water. Once the application is completed, flush the entire irrigation and injection system with clean water before stopping the system.

In addition to the above recommendations, if application is being made during a normal irrigation set of a stationary sprinkler, the recommended rate of WARRIOR Insecticide for the area covered should be injected into the system only during the end of the irrigation set for sufficient time to provide adequate coverage and product distribution.

It is not recommended that WARRIOR Insecticide be applied through an irrigation system connected to a public water system. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

##### USE PRECAUTIONS - SPRINKLER IRRIGATION APPLICATION

- A. Apply this product only through (sprinkler including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system.
- B. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- C. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- D. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

- E. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- F. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- G. The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
- H. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- I. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- J. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- K. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- L. Do not apply when wind speed favors drift beyond the area intended for treatment.
- M. Do not apply through chemigation systems connected to public water systems.

Apply WARRIOR insecticide as shown in the following charts:

SPRAY RECOMMENDATIONS						
Crop	Target Pests	Rate		Remarks		
		lb ai/A	fl oz/A			
Alfalfa. Alfalfa grown for seed	Alfalfa Caterpillar	0.015-0.025	1.92-3.20	<p>*Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</p> <p>*Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground. When foliage is dense and/or pest populations are high 5-10 gallons per acre by air or 20 gallons per acre by ground and higher use rates are recommended. Use higher rates for increased residual control.</p> <p>*Avoid application when bees are actively foraging by applying during the early morning or during the evening hours. Be aware of bee hazard resulting from a cool evening and/or morning dew. It may be advisable to remove bee shelters during and for 2-3 days following application. Avoid direct application to bee shelters.</p> <p>*Do not apply more than 0.03 lb ai (0.24 pints) per acre per cutting. Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply within 1 day of harvest for forage or within 7 days of harvest for hay.</p> <p><sup>1</sup>For control of first and second instar only. <sup>2</sup>Suppression only. <sup>3</sup>See resistance statement under General Directions for Use.</p> <p style="text-align: right;">(continued)</p>		
	Cutworm Spp					
	Green Cloverworm					
	Looper Spp					
	Velvetbean Caterpillar					
	Webworm Spp					
	Leafhopper Spp					
	Three-cornered Alfalfa Hopper					
	Armyworm				0.02-0.03	2.56-3.84
	Corn Earworm					
	Fall Armyworm <sup>1</sup>					
	Western Yellow-striped Armyworm					
	Yellow-striped Armyworm					
	Alfalfa Weevil					
	Bean Leaf Beetle (Adult)					
	Blister Beetle Spp.					
	Clover Leaf Weevil Spp.					
	Clover Root Borer (Adult)					
	Clover Root Curculio Spp. (Adult)					
	Clover Stem Borer (Adult)					
	Cowpea Curculio (Adult)					
	Cowpea Weevil (Adult)					
	Cucumber Beetle Spp. (Adult)					
	Egyptian Alfalfa Weevil					
	Grape Colaspis (Adult)					
	Green June Beetle (Adult)					
Japanese Beetle (Adult)						
Mexican Bean Beetle						
Pea Weevil (Adult)						
Sweet Clover Weevil (Adult)						
Whitefringed Beetle Spp. (Adult)						
Meadow Spittlebug						

SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Alfalfa. Alfalfa grown for seed (continued)	Plant Bug Spp. including Lygus Spp. <sup>1</sup> Stink Bug Spp. Alfalfa Seed Chalcid (Adult) Blue Alfalfa Aphid Cowpea Aphid Green Peach Aphid <sup>2</sup> Pea Aphid Spotted Alfalfa Aphid Thrips Spp. Grasshopper Spp. Beet Armyworm <sup>1</sup> Blotch Leafminer <sup>2</sup> Spider Mites <sup>2</sup>	0.02-0.03	2.56-3.84	<p>*Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</p> <p>*Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground. When foliage is dense and/or pest populations are high 5-10 gallons per acre by air or 20 gallons per acre by ground and higher use rates are recommended. Use higher rates for increased residual control.</p> <p>*Avoid application when bees are actively foraging by applying during the early morning or during the evening hours. Be aware of bee hazard resulting from a cool evening and/or morning dew. It may be advisable to remove bee shelters during and for 2-3 days following application. Avoid direct application to bee shelters.</p> <p>*Do not apply more than 0.03 lb ai (0.24 pints) per acre per cutting. Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply within 1 day of harvest for forage or within 7 days of harvest for hay.</p> <p><sup>1</sup>For control of first and second instar only. <sup>2</sup>Suppression only. <sup>3</sup>See resistance statement under General Directions for Use.</p>



SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Broccoli	Alfalfa Looper	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> </ul>
Brussels Sprouts	Cabbage Looper			
Cabbage	Imported Cabbageworm			
Cavalo	Southern Cabbageworm			
Broccoli	Cutworm Spp.			
Cauliflower	Cabbage Webworm			
Chinese	Diamondback Moth <sup>1</sup>	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Do not apply within 1 day of harvest.</li> <li>Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.</li> </ul>
Broccoli (gai lon)	Armyworm			
Chinese	Beet Armyworm <sup>1,2</sup>			
Cabbage (napa)	Fall Armyworm <sup>1</sup>			
Chinese	Yellow-striped Armyworm			
Mustard	Corn Earworm			
Cabbage (gai choy)	Flea Beetle Spp.			
Kohlrabi	Japanese Beetle (Adult)			
	Vegetable Weevil (Adult)			
	Grasshopper Spp.			
	Leafhopper Spp.			
	Plant Bug Spp. including Lygus Spp. <sup>3</sup>			
	Stink Bug Spp.			
	Meadow Spittlebug			
	Aphid Spp. <sup>2,3</sup>			
	Whitefly Spp. <sup>2,3</sup>			
	Thrips Spp. <sup>2</sup>			
	Spider Mite Spp. <sup>2</sup>			

SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Corn	Cutworm Spp.	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods.</li> </ul>
Field Corn	Western Bean Cutworm <sup>1</sup>			
Popcorn	Corn Earworm <sup>1</sup>			
Seed Corn	Green Cloverworm			
	Meadow Spittlebug	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small corn. Direct spray to the base of corn plants. Repeat applications at 3- to 5-day intervals if needed. WARRIOR insecticide may only suppress heavy infestations and/or subsequent migrations.</li> <li>For control of adult corn rootworm beetles (<i>Diatriba</i> species) as part of an aerial applied corn rootworm control program use a minimum of 3.84 fl oz/A (0.03 lb ai/A).</li> <li>Do not apply within 21 days of harvest.</li> <li>Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.06 lb ai (0.48 pints) after silk initiation. Do not apply more than 0.03 lb ai (0.24 pints) after corn has reached the milk stage (yellow kernels with milky fluid).</li> <li><sup>1</sup>For control before the larva bores into the plant stalk or ear.</li> <li><sup>2</sup>For control of first and second instar only.</li> <li><sup>3</sup>Suppression only.</li> <li><sup>4</sup>See resistance statement under General Directions for Use.</li> </ul>
	Tobacco Budworm <sup>1,4</sup>			
	European Corn Borer <sup>1</sup>			
	Southwestern Corn Borer <sup>1</sup>			
	Stalk Borer <sup>1</sup>			
	Hop Vine Borer <sup>1</sup>			
	Armyworm <sup>2</sup>			
	Fall Armyworm <sup>2</sup>			
	Yellow-striped Armyworm <sup>2</sup>			
	Webworm Spp.			
	Flea Beetle Spp.			
	Western Corn Rootworm Beetle (Adult)			
	Northern Corn Rootworm Beetle (Adult)			
	Southern Corn Rootworm Beetle (Adult)			
	Mexican Corn Rootworm Beetle (Adult)			
	Bean Leaf Beetle			
	Cereal Leaf Beetle			
	Japanese Beetle (Adult)			
	Sap Beetle (Adult)			
	Stink Bug Spp.			
	Grasshopper Spp.			
	Corn Leaf Aphid <sup>3</sup>			
	Bird Cherry Oat Aphid <sup>3</sup>			
	English Gram Aphid <sup>3</sup>			
	Beet Armyworm <sup>1,4</sup>	0.03	3.84	
	Chinch Bug			
	Green Bug <sup>1,4</sup>			

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Sweet Corn	Corn Earworm <sup>1</sup> Fall Armyworm <sup>1</sup> Southern Armyworm <sup>1</sup> Beet Armyworm <sup>1,3</sup> Yellow Striped Armyworm <sup>1</sup> Cutworm Spp Western Bean Cutworm Webworm Spp. European Corn Borer Southwestern Corn Borer Common Cornstalk Borer Western Corn Rootworm Beetle (Adult) Northern Corn Rootworm Beetle (Adult) Southern Corn Rootworm Beetle (Adult) Mexican Corn Rootworm Beetle (Adult) Japanese Beetle (Adult) Sap Beetle (Adult) Flea Beetle Spp Tarnished Plant Bug Stink Bug Spp. Chinch Bug Aster Leafhopper Grasshopper Spp Aphid Spp <sup>2,3</sup> Spider Mite Spp <sup>2</sup> Corn Silky (Adult) <sup>2</sup>	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>* Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 4 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods and should be targeted for control before insects enter the stalk or ear.</li> <li>* Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage and ears (if present). When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>* For control of adult corn rootworm beetles (<i>Diabrotica</i> species) as part of an aerial applied corn rootworm control program use a minimum of 3.2 fl oz/A (0.025 lb ai/A).</li> <li>* Do not apply within 1 day of harvest.</li> <li>* Do not apply more than 0.48 lb ai (3.84 pints) per acre per season.</li> <li><sup>1</sup>For control of first and second instar only.</li> <li><sup>2</sup>Suppression only.</li> <li><sup>3</sup>See resistance statement under General Directions for Use.</li> </ul>
		0.03	3.84	

SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Cotton	Cutworm Spp Tobacco Thrips Soybean Thrips Lygus Bug Spp. <sup>2</sup> Pink Bollworm Cabbage Looper Cotton Leafperforator Saltmarsh Caterpillar Cotton Leafworm Cotton Fleahopper Cotton Bollworm Tobacco Budworm <sup>3</sup> Boll Weevil Fall Armyworm Beet Armyworm <sup>1,3</sup> European Corn Borer Brown Stink Bug Green Stink Bug Southern Green Stink Bug Twospotted Spider Mite <sup>2</sup> Cotton Aphid <sup>2,3</sup> Bandedwing Whitefly <sup>2,3</sup> Sweetpotato Whitefly <sup>2,3</sup>	0.015-0.02	1.92-2.56	<ul style="list-style-type: none"> <li>* Apply as required by scouting, usually at intervals of 5 to 7 days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>* Apply with ground or air equipment using sufficient water to obtain full coverage of foliage.</li> <li>* Applications may also be made with equipment adapted and calibrated for ULV sprays. WARRIOR insecticide may be mixed with once refined vegetable oil and applied in a minimum of at least one quart of finished spray per acre.</li> <li>* Under light bollworm/budworm infestation levels, 0.02 lb ai/A may be applied in conjunction with intense field monitoring.</li> <li>* For boll weevil control spray on a 3 to 5 day schedule.</li> <li>* When applied according to label directions for control of cotton bollworm and tobacco budworm, WARRIOR insecticide also provides ovicidal control of unhatched <i>Heliothis</i> spp. eggs.</li> <li>* Do not apply within 21 days of harvest.</li> <li>* Do not graze livestock in treated areas.</li> <li>* Do not apply more than 1.6 pints (0.2 lb ai) per acre per season.</li> <li>* Do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include AMBUSH<sup>®</sup> insecticide, Anno<sup>®</sup> insecticide, Asana<sup>®</sup> XL insecticide, Baythroid<sup>®</sup> emulsifiable pyrethroid insecticide, Capture<sup>®</sup> insecticide/miticide, Danitol<sup>®</sup> 2.4 EC Spray insecticide/miticide, Decis<sup>®</sup> insecticide, Fury<sup>™</sup> insecticide, KARATE<sup>®</sup> insecticide, Mustang<sup>®</sup> insecticide, Pounce<sup>®</sup>, Scout X TRA<sup>®</sup> insecticide, SynerGin<sup>™</sup> insecticide and WARRIOR<sup>®</sup> insecticide.</li> <li><sup>1</sup>For control of first and second instar only.</li> <li><sup>2</sup>Suppression only.</li> <li><sup>3</sup>See resistance statement under General Directions for Use.</li> </ul>
		0.02-0.03	2.56-3.84	

SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Lettuce (Head and Leaf)	Alfalfa Looper	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>Do not apply more than 1 day of harvest.</li> <li>Do not apply more than 0.3 lb ai (2.4 pints) per acre per season.</li> <li>For control of first and second instar only.</li> <li>Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>
	<ul style="list-style-type: none"> <li>Cabbage Looper</li> <li>Imported Cabbageworm</li> <li>Cutworm Spp.</li> <li>Saltmarsh Caterpillar</li> <li>Green Cloverworm</li> <li>Diamondback Moth<sup>3</sup></li> <li>Armyworm</li> <li>Beet Armyworm<sup>3</sup></li> <li>Fall Armyworm<sup>1</sup></li> <li>Southern Armyworm</li> <li>Corn Earworm</li> <li>Tobacco Budworm<sup>2</sup></li> <li>European Corn Borer</li> <li>Fllea Beetle Spp.</li> <li>Japanese Beetle (Adult)</li> <li>Vegetable Weevil (Adult)</li> <li>Grasshopper Spp.</li> <li>Leafhopper Spp.</li> <li>Plant Bug Spp. including Lygus Spp.<sup>1</sup></li> <li>Stink Bug Spp.</li> <li>Meadow Spittlebug</li> <li>Aphid Spp.<sup>2,3</sup></li> <li>Whitely Spp.<sup>2,3</sup></li> <li>Spider Mite Spp.<sup>2</sup></li> </ul>	0.02-0.03	2.56-3.84	

SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Onion (Bulb) and Garlic	<ul style="list-style-type: none"> <li>Cutworm Spp.</li> <li>Seedcorn Maggot (Adult)</li> <li>Onion Maggot (Adult)</li> <li>Leafminer Spp. (Adult)</li> <li>Armyworm Spp.<sup>1</sup></li> <li>Onion Thrips</li> <li>Tobacco Thrips</li> <li>Western Flower Thrips<sup>2,3</sup></li> <li>Flower Thrips<sup>2</sup></li> <li>Aphid Spp.<sup>2</sup></li> <li>Plant Bug Spp.</li> <li>Stink Bug Spp.</li> </ul>	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Use the higher label rates as thrips population increases and avoid rescue situations.</li> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>For thrips control by aerial application, the addition of 1% COC v/v, 1/4% NIS v/v or a silicone adjuvant (follow manufacturer's use directions) may enhance the deposition of the spray and increase plant coverage.</li> <li>Do not apply within 14 days of harvest. Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.</li> <li>For control of the first and second instar only.</li> <li>Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>
	<ul style="list-style-type: none"> <li>Cutworm Spp.</li> <li>Green Cloverworm</li> <li>Velvetbean Caterpillar</li> <li>Red-necked Peanut Worm</li> <li>Potato Leafhopper</li> <li>Corn Earworm<sup>1</sup></li> <li>Fall Armyworm<sup>1</sup></li> <li>Bean Leaf Beetle</li> <li>Southern Corn Rootworm (Adult)</li> <li>Vegetable Weevil</li> <li>Whitefringed Beetle (Adult)</li> <li>Stink Bug Spp.</li> <li>Tobacco Thrips</li> <li>Grasshopper Spp.</li> <li>Beet Armyworm<sup>1,3</sup></li> <li>Soybean Looper<sup>2,3</sup></li> <li>Lesser Cornstalk Borer<sup>2</sup></li> <li>Spider Mite Spp.<sup>2</sup></li> <li>Aphid Spp.<sup>2</sup></li> </ul>	0.015-0.025	1.92-3.20	
Peanut	<ul style="list-style-type: none"> <li>Cutworm Spp.</li> <li>Green Cloverworm</li> <li>Velvetbean Caterpillar</li> <li>Red-necked Peanut Worm</li> <li>Potato Leafhopper</li> <li>Corn Earworm<sup>1</sup></li> <li>Fall Armyworm<sup>1</sup></li> <li>Bean Leaf Beetle</li> <li>Southern Corn Rootworm (Adult)</li> <li>Vegetable Weevil</li> <li>Whitefringed Beetle (Adult)</li> <li>Stink Bug Spp.</li> <li>Tobacco Thrips</li> <li>Grasshopper Spp.</li> <li>Beet Armyworm<sup>1,3</sup></li> <li>Soybean Looper<sup>2,3</sup></li> <li>Lesser Cornstalk Borer<sup>2</sup></li> <li>Spider Mite Spp.<sup>2</sup></li> <li>Aphid Spp.<sup>2</sup></li> </ul>	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>Do not apply within 14 days of harvest.</li> <li>Do not apply more than 0.12 lb ai (0.96 pints) per acre per season.</li> <li>Do not graze livestock in treated areas. Do not use treated vines or hay for animal feed.</li> <li>For control of the first and second instar only.</li> <li>Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>

SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Rice	True Armyworm Fall Armyworm Yellow striped Armyworm Rice Water Weevil (Adult) Rice Stink Bug Chinch Bug Grasshopper Spp. Leafhopper Spp Oat Birdcherry Aphid Green Bug	0.025-0.04	3.20-5.10	<ul style="list-style-type: none"> <li>Apply as required by scouting. Timing and frequency of application should be based upon insect populations reaching locally determined economic thresholds. Determine the need for repeat applications, usually at intervals of 5-7 days, by scouting.</li> <li>WARRIOR Insecticide can be safely used when propanil products are being used for weed control.</li> <li>Apply by air or by ground equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 5 gallons of water per acre.</li> <li>For control of rice water weevil in dry seeded rice, make a foliar application as indicated by scouting for the presence of adults and/or feeding scars, usually within a time-frame of 0-5 days after permanent flood establishment. Do not exceed 10 days from starting permanent flood until insecticide application unless scouting indicates weevils have not been previously present. Adults may also be treated at later stages of rice development to reduce overwintering populations.</li> <li>For control of rice water weevil in water seeded rice, make the first foliar application after pinpoint flood as indicated by scouting for the presence of adults and/or feeding scars usually when rice has emerged 0.5 inch above the waterline. Under conditions of prolonged migration into the field, start field scouting for rice water weevil adults and/or feeding scars 3-5 days after the initial treatment and, if needed, apply a second application within 7-10 days of the first application. Adults may also be treated at later stages of rice development to reduce overwintering populations.</li> <li>California: In addition to above directions for control of rice water weevil in water seeded rice, WARRIOR Insecticide may be applied at the 1-3 leaf growth stage, with the majority at the 2 leaf growth stage. Adults are vulnerable on levees and in the water. Larvae are vulnerable while feeding on the leaf prior to entering the soil. Monitor for adults, based upon field history and density of population. Monitor field edges and levee areas for adults. Treat in the following manner: a) spray the inside perimeter of the field, or b) spray the entire field.</li> <li>Green bug is known to have many biotypes. WARRIOR Insecticide may only provide suppression. If satisfactory control is not achieved with the first application of WARRIOR Insecticide, a resistant biotype may be present. Use alternate chemistry for control.</li> </ul>

SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Rice (continued)	True Armyworm Fall Armyworm Yellow striped Armyworm Rice Water Weevil (Adult) Rice Stink Bug Chinch Bug Grasshopper Spp Leafhopper Spp Oat Birdcherry Aphid Green Bug	0.025-0.04	3.20-5.10	<ul style="list-style-type: none"> <li>Do not release flood water within 7 days of an application.</li> <li>Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.08 lb ai (0.64 pints) per acre within 28 days of harvest or more than 0.04 lb ai (0.32 pints) per acre within 21 days of harvest.</li> <li>Do not apply within 21 days of harvest.</li> <li>Do not use treated rice fields for the aquaculture of edible fish and crustacea.</li> <li>Do not apply as an ultra low volume (ULV) spray.</li> </ul>
Sorghum (Gram)	Cutworm Spp. Sorghum Midge Armyworm Beet Armyworm <sup>1</sup> Fall Armyworm <sup>1</sup> Yellow striped Armyworm <sup>1</sup> Corn Earworm Webworm Spp. European Corn Borer <sup>2</sup> Southwestern Corn Borer <sup>2</sup> Lesser Cornstalk Borer <sup>2</sup> Flea Beetle Spp. Stink Bug Spp Grasshopper Spp Chinch Bug	0.015-0.02  0.02-0.03          0.03	1.92-2.56  2.56-3.84          3.84	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>For sorghum midge control, begin applications when 25% of the sorghum heads have emerged and are in tip bloom. Repeat applications at 5 day intervals if needed.</li> <li>For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small sorghum. Direct spray to the base of sorghum plants. Repeat applications at 3- to 5 day intervals if needed. WARRIOR Insecticide may only suppress heavy infestations and/or subsequent migrations.</li> <li>Do not apply within 30 days of harvest. Do not apply more than 0.08 lb ai (0.64 pints) per acre per season. Do not apply more than 0.06 lb ai (0.48 pints) per acre per season after crop emergence. Do not apply more than 0.02 lb ai (0.16 pints) per acre per season once crop is in soft dough stage.</li> <li>Do not graze livestock in treated areas or harvest for fodder, silage or hay.</li> <li><sup>1</sup>For control of the first and second instars only.</li> <li><sup>2</sup>For control before the larva burrs into the plant stalk.</li> <li><sup>3</sup>See resistance statement under General Directions for Use.</li> </ul>

SPRAY RECOMMENDATIONS							
Crop	Target Pests	Rate		Remarks			
		lb ai/A	fl oz/A				
Soybean	Corn Earworm	0.015 0.025	1.92 3.20	<ul style="list-style-type: none"> <li>• Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>• Do not graze or harvest treated soybean forage, straw or hay for livestock feed.</li> <li>• Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>• For control of adult corn rootworm beetles (<i>Diabrotica</i> species) as part of an aerial applied corn rootworm control program use a minimum of 2.56 fl oz/A (0.02 lb ai/A).</li> <li>• Do not apply within 45 days of harvest. Do not apply more than 0.06 lb ai (0.48 pints) per acre per season.</li> <li><sup>1</sup>For control of the first and second instar only.</li> <li><sup>2</sup>Suppression only.</li> <li><sup>3</sup>See resistance statement under General Directions for Use.</li> </ul>			
	Velvetbean Caterpillar						
	Green Cloverworm						
	Cabbage Looper						
	Painted Lady (Thistle) Caterpillar						
	Saltmarsh Caterpillar						
	Woollybear Caterpillar						
	Cutworm Spp.						
	Bean Leaf Beetle						
	Mexican Bean Beetle						
	Western Corn Rootworm Beetle (Adult)						
	Northern Corn Rootworm Beetle (Adult)						
	Southern Corn Rootworm Beetle (Adult)						
	Mexican Corn Rootworm Beetle (Adult)						
	Three-Cornered Alfalfa Hopper						
	Potato Leafhopper						
	Thrips Spp.						
	Armyworm <sup>1</sup>				0.025 0.03	3.20 3.84	
	Fall Armyworm <sup>1</sup>						
	Yellow striped Armyworm <sup>1</sup>						
Tobacco Budworm <sup>1</sup>							
Webworm Spp.							
European Corn Borer							
Silverspotted Skipper							
Japanese Beetle (Adult)							
Blister Beetle Spp.							
Stink Bug Spp.							
Plant Bug Spp.							
Grasshopper Spp.							
Beet Armyworm <sup>1,3</sup>	0.03	3.84					
Soybean Looper <sup>2,3</sup>							
Lesser Cornstalk Borer <sup>2</sup>							
Spider Mite Spp. <sup>4</sup>							

SPRAY RECOMMENDATIONS										
Crop	Target Pests	Rate		Remarks						
		lb ai/A	fl oz/A							
Sunflower	Sunflower Beetle	0.015 0.025	1.92 3.20	<ul style="list-style-type: none"> <li>• Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>• Apply with ground or air equipment using sufficient water to obtain full coverage of sunflower heads and/or foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>• Do not apply within 45 days of harvest.</li> <li>• Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.09 lb ai (0.72 pints) per acre per season after bloom initiation. Do not apply as an ultra-low volume (ULV) spray.</li> <li><sup>1</sup>For control of first and second instar only.</li> <li><sup>2</sup>Suppression only.</li> <li><sup>3</sup>See resistance statement under General Directions for Use.</li> </ul>						
	Cutworm Spp.									
	Sunflower Moth				0.02 0.03	2.56 3.84				
	Banded Sunflower Moth									
	Fall Armyworm <sup>1</sup>									
	Woollybear Caterpillar									
	Spotted Cabbage Looper									
	Painted Lady (Thistle) Caterpillar									
	Seed Weevil (Adult)									
	Stem Weevil (Adult)									
	Head-Clipper Weevil (Adult)									
	Japanese Beetle (Adult)									
	Sunflower Maggot (Adult)									
	Leafhopper Spp.									
	Meadow Spittlebug									
	Stink Bug Spp.									
	Grasshopper Spp.									
	Beet Armyworm <sup>1,3</sup>							0.03	3.84	
	Spider Mite Spp. <sup>2</sup>									
	Tomato and Tomatillo							Cabbage Looper	0.015 0.025	1.92 3.20
Cutworm Spp.										
Hornworm Spp.		0.02 0.03	2.56 3.84							
Tomato Fruitworm <sup>3</sup>										
Tobacco Budworm <sup>3</sup>										
Tomato Pinworm <sup>3</sup>										
Beet Armyworm <sup>1,3</sup>										
Southern Armyworm <sup>1</sup>										
Yellow-striped Armyworm <sup>1</sup>										
Fall Armyworm <sup>1</sup>										
European Corn Borer										
Leafminer Spp. <sup>2</sup>										
Colorado Potato Beetle <sup>2</sup>										
Flea Beetle Spp.										
Grasshopper Spp.										
Leafhopper Spp.										
Aphid Spp. <sup>2,3</sup>										
Whitefly Spp. <sup>2,3</sup>										
Meadow Spittlebug										
Stink Bug Spp.										
Plant Bug Spp.										

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Wheat, Wheat Hay, and Triticale	Cutworm Spp	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>For chinch bug control, repeat applications at 3- to 5-day intervals if needed. WARRIOR Insecticide may only suppress heavy infestations and/or migrations.</li> <li>Greenbug is known to have many biotypes. WARRIOR Insecticide may provide suppression only. In this situation, a second application using an alternative chemistry may be needed.</li> <li>Do not apply within 30 days of harvest.</li> <li>Do not apply more than 0.06 lb ai (0.48 pints) per acre per season.</li> <li>Best control is obtained before insects begin to roll leaves. Once wheat has started to boot, WARRIOR Insecticide may provide suppression only. Higher rates and increased coverage will be necessary.</li> <li>See resistance statement under General Directions for Use.</li> </ul>
	Army Cutworm			
	Armyworm	0.02-0.03	2.56-3.84	
	Fall Armyworm			
	Yellow-striped Armyworm			
	Flea Beetle Spp.			
	Cereal Leaf Beetle			
	Stink Bug Spp			
	English Gram Aphid <sup>1</sup>			
	Russian Wheat Aphid <sup>1</sup>			
Bird Cherry-Dat Aphid <sup>1</sup>				
Grasshopper Spp.				
Grass Sawfly	0.025-0.03	3.20-3.84		
Chinch Bug	0.03	3.84		
Greenbug <sup>1,2</sup>				

#### RATE CONVERSION CHART

LB AI PER ACRE	FL OZ PER ACRE	PINTS PER ACRE	TREATED ACRES PER GALLON
0.015	1.92	0.12	66
0.02	2.56	0.16	50
0.025	3.20	0.20	40
0.03	3.84	0.24	33
0.04	5.12	0.32	25

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**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.  
**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.  
**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-2633).**  
**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

**Personal Protective Equipment (PPE)**

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton > 14 mils
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**SHAKE WELL BEFORE USING**

**RESTRICTED USE PESTICIDE**

**Due to Toxicity to Fish and Aquatic Organisms**

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.



**ACTIVE INGREDIENT:**

Lambda-cyhalothrin

[1α(S\*),3α(Z)]-(±)-cyano-(3-phenoxyphenyl)methyl-3-

(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate ..... 11.4%

**INERT INGREDIENTS:** ..... 88.6%

**TOTAL** ..... 100.0%

WARRIOR® Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.

EPA Reg. No. 10182-434

EPA Est. No. 10182-AR-1

**KEEP OUT OF REACH OF CHILDREN**

**WARNING—AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Active Ingredient Made in USA. Formulated & Packaged in U.S.A.

**ZENECA Ag Products**

ZENECA Ag Products Inc.

Wilmington, Delaware 19880-6400

Contents: 1 qt (0.95L)

See Attached Booklet for complete Directions for Use

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found inside this booklet before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

**DIRECTIONS FOR USE Restricted Use Pesticide**

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.

This labeling must be in the possession of the user at the time of application.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.

**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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NOTIFICATION  
DEC 29 2000

SHAKE WELL BEFORE USING

**RESTRICTED USE PESTICIDE**  
Due to Toxicity to Fish and Aquatic Organisms  
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.

ZENECA Ag Products



**ACTIVE INGREDIENT:**  
Lambda-cyhalothrin  
[1α(S\*),3α(Z)]-(1)-cyano-  
(3-phenoxyphenyl)methyl 3-(2-chloro-  
3,3,3-trifluoro-1-propenyl)-2,2-  
dimethylcyclopropanecarboxylate ..... 11.4%  
**INERT INGREDIENTS:** ..... 88.6%  
**TOTAL** ..... 100.0%

WARRIOR® Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.  
EPA Reg. No. 10182-434

KEEP OUT OF REACH OF CHILDREN  
**WARNING-AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

COMPLETE DIRECTIONS FOR USE

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CONDITIONS OF SALE AND LIMITATION  
OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.

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**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F.A.S.-T.M.-E-D (327-6633).  
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING**

**MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS.** Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton  $\geq$  14 mils
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

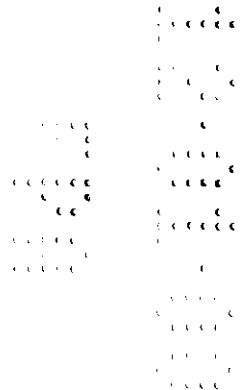
This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**DIRECTIONS FOR USE  
Restricted Use Pesticide**

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.

This labeling must be in the possession of the user at the time of application.

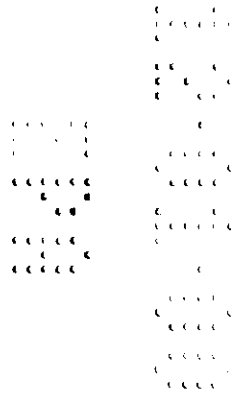


**AGRICULTURAL USE REQUIREMENTS**  
 Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural 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 24 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:  
 • Coveralls  
 • Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton  $\geq$  14 mils  
 • Shoes plus socks

**STORAGE AND DISPOSAL**  
**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.  
**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**  
**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.  
**FOR BULK, MINI-BULK, EZ HANDLER\* AND BOOMERANG CONTAINER DISPOSAL:** Return container to ZENECA for reuse with seal intact and in salable condition.  
**CONTAINER PRECAUTIONS:** Before refilling RETURNABLE CONTAINERS, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.  
**REFILL ONLY WITH WARRIOR\* Insecticide.** The contents of RETURNABLE CONTAINERS cannot be completely removed by cleaning. Refilling with materials other than WARRIOR\* Insecticide will result in contamination and may weaken container.  
 After filling and before transporting, check for leaks.  
 Do not refill or transport damaged or leaking container.  
 CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

**GENERAL DIRECTIONS FOR USE**  
 Initial and residual control are contingent upon thorough crop coverage. Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground unless otherwise specified in this label. When foliage is dense or pest pressure is high (heavier insect or egg pressure, larger larval stages), use of higher application volumes and/or higher use rates may improve initial and residual control.  
 For cutworm control, WARRIOR\* Insecticide may be applied before, during or after planting. For soil incorporated applications, use higher rates for improved control.  
 Resistance: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.  
 If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

**SPRAY DRIFT PRECAUTIONS**  
**OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.**  
 • Do not apply by ground within 25 feet, or by air within 150 feet of lakes, reservoirs, rivers, permanent streams, marshes, pot holes, or natural ponds; estuaries and commercial fish farm ponds. Increase the buffer zone to 450 feet when ultra-low volume (ULV) application is made.  
 • All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.



- For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of wing span or rotor diameter.
  - Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
  - Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.
  - Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
  - Risk of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
  - Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.
  - Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.
  - Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.
- In the State of New York, a 25 foot vegetated, non-cropped buffer strip untraversed by drainage tiles must be maintained between a treated field and a coastal salt marsh or stream that drains into a coastal salt marsh, for both aerial or ground application. For aerial applications, the 25 foot vegetated non-cropped buffer strip for runoff protection would be part of the larger 150 foot buffer strip (or 450 foot buffer strip for JLV application) required for spray drift.

**TANKMIX APPLICATION**

When tank mixing with any other agricultural products, always add WARRIOR Insecticide last. Fill the tank with one half to two thirds volume of the mixing diluent. Make sure all other products are fully dispersed in the mixing diluent before adding the recommended rate of WARRIOR Insecticide to the tank. Add the remainder of the mixing diluent volume. It is recommended that mixing and spray equipment have continuous agitation for best results. Follow the precautions and limitations of the most restricted product in the tank mixture.

While WARRIOR Insecticide has good flexibility for tank mixing with other agricultural products, a jar test for physical compatibility is recommended for untried mixtures using proper ratios and mixing sequences of all ingredients to be included in the mixture.

WARRIOR Insecticide is an aqueous based formulation. It is recommended that no type of non-emulsifiable oils be used in combination with WARRIOR Insecticide, if adjuvants are used, use only:

- Nonionic Surfactant (NIS) containing at least 75% surface agent or
- Non-phytotoxic Crop Oil Concentrate (COC), including once refined Vegetable Oil Concentrate (VOC), or Methylated Sunflower Oils (MSO) containing a minimum of 17% emulsifier.

Adjuvants other than NIS or COC may be used providing the product meets the following criteria:

1. Contains only EPA exempt ingredients.
2. Is non-phytotoxic to the target crop.
3. Is compatible in mixture. (May be established through a jar test.)
4. Is supported locally for use with WARRIOR Insecticide on the target crop through proven field trials and through university and extension recommendations.

In addition, the following may be used as diluents:

- Crop Oil Concentrate
- Methylated Sunflower Oils
- Urea-Ammonium Nitrate

It is recommended that the following not be used in combination with WARRIOR insecticide as diluents or adjuvants:

- Non-emulsifiable oils,
- Diesel Fuel
- Straight Mineral Oil

**CHEMIGATION  
SPRINKLER IRRIGATION APPLICATION**

Apply WARRIOR Insecticide at rates and timing described elsewhere in this label. As local recommendations differ, consult your local State Extension Service or other local experts for recommendations on adjuvant or diluent types, (see TANKMIX APPLICATION) rates and mixing instructions. These recommendations should be proven, through university and extension field trials, to be effective with WARRIOR Insecticide applied by chemigation.

Check the irrigation system to insure uniform application of water to all areas. Thorough coverage of foliage is required for good control. Good agitation in the pesticide supply tank should be maintained prior to and during the entire application period.

Apply by injecting the recommended rate of WARRIOR Insecticide into the irrigation system using a metering device that will introduce a constant flow and by distributing the product to the target area in 0.1-0.2 acre-inch of water. In general, use the least amount of water required for proper distribution and coverage. It is recommended that the product be injected into the main irrigation line ahead of a right angle turn in the line to insure adequate dispersion or mixing in the irrigation water. Once the application is completed, flush the entire irrigation and injection system with clean water before stopping the system.

In addition to the above recommendations, if application is being made during a normal irrigation set of a stationary sprinkler, the recommended rate of WARRIOR Insecticide for the area covered should be injected into the system only during the end of the irrigation set for sufficient time to provide adequate coverage and product distribution.

It is not recommended that WARRIOR Insecticide be applied through an irrigation system connected to a public water system. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

**USE PRECAUTIONS -**

**SPRINKLER IRRIGATION APPLICATION**

- A. Apply this product only through (sprinkler including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system.
- B. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- C. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- D. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.
- E. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- F. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- G. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- H. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- I. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- J. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

- K. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
  - L. Do not apply when wind speed favors drift beyond the area intended for treatment.
  - M. Do not apply through chemigation systems connected to public water systems.
- Apply WARRIOR Insecticide as shown in the following charts:

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Alfalfa, Alfalfa grown for seed	Alfalfa Caterpillar Cutworm Spp. Green Cloverworm Lodger Spp Velvetbean Caterpillar Western Spp. Teatopper Spp. Threecornered Alfalfa Hopper	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>• Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>• Apply with ground or air equipment using sufficient water to obtain full coverage of foliage.</li> <li>• Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground. When biologicals are used, pest populations are high, 5-10 gallons per acre by air or 20 gallons per acre by ground and higher use rates are recommended.</li> <li>• Use higher rates for increased residual control.</li> <li>• Avoid application when bees are actively foraging by applying during the early morning or during the evening hours. Be aware of bee hazard resulting from a cool evening and/or morning dew. It may be advisable to remove bee shears during and for 2-3 days following application. Avoid direct application to bee shears.</li> </ul>
	Armyworm Corn Earworm Fall Armyworm Western Yellow striped Armyworm Alfalfa Weevil Bean Leaf Beetle (Adult) Blister Beetle Spp. Crown Leaf Weevil Spp. Crown Root Borer (Adult)	0.02-0.03	2.56-3.84	

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Alfalfa Alfalfa grown for seed  (Continued)	Sweet Clover Weevil (Adult) Whitefringed Beetle Spp. (Adult) Meadow Spittlebug Plant Bug Spp. Including Lygus Spp. Stink Bug Spp. Alfalfa Seed Chalcid (Adult) Blue Alfalfa Aphid Cowpea Aphid Green Peach Aphid <sup>1</sup> Pea Aphid Spotted Alfalfa Aphid Thrips Spp. Grasshopper Spp.  Beet Armyworm <sup>1</sup> Blotch Leafminer <sup>1</sup> Spider Mites <sup>1</sup>	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Do not apply more than 0.03 lb ai (0.24 pints) per acre per cutting. Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply within 1 day of harvest for forage or within 7 days of harvest for hay.</li> <li>For control of first and second instar only. Suppression only. See resistance statement under General Directions for Use.</li> </ul>
		0.03	3.84	

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Alfalfa Alfalfa grown for seed  (Continued)	Sweet Clover Weevil (Adult) Whitefringed Beetle Spp. (Adult) Meadow Spittlebug Plant Bug Spp. Including Lygus Spp. Stink Bug Spp. Alfalfa Seed Chalcid (Adult) Blue Alfalfa Aphid Cowpea Aphid Green Peach Aphid <sup>1</sup> Pea Aphid Spotted Alfalfa Aphid Thrips Spp. Grasshopper Spp.  Beet Armyworm <sup>1</sup> Blotch Leafminer <sup>1</sup> Spider Mites <sup>1</sup>	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground. When foliage is dense and/or pest populations are high 5-10 gallons per acre by air or 20 gallons per acre by ground and higher use rates are recommended. Use higher rates for increased residual control.</li> <li>Avoid application when bees are actively foraging by applying during the early morning or during the evening hours. Be aware of bee hazard resulting from a cool evening and/or morning dew. It may be advisable to remove bee shelters during and for 2-3 days following application. Avoid direct application to bee shelters.</li> </ul>
		0.03	3.84	

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Alfalfa Alfalfa grown for seed  (Continued)	Clover Root Curculio Spp. (Adult) Clover Stem Borer (Adult) Cowpea Curculio (Adult) Cowpea Weevil (Adult) Cucumber Beetle Spp. (Adult) Egyptian Alfalfa Weevil Grape Colaspis (Adult) Green June Beetle (Adult) Japanese Beetle (Adult) Mexican Bean Beetle Pea Weevil (Adult)	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Do not apply more than 0.03 lb ai (0.24 pints) per acre per cutting. Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply within 1 day of harvest for forage or within 7 days of harvest for hay.</li> <li>For control of first and second instar only. Suppression only. See resistance statement under General Directions for Use.</li> </ul>

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Corn Field Corn Popcorn Seed Corn	Cutworm Spp. Western Bean Cutworm Corn Earworm <sup>1</sup> Green Cloverworm Meadow Spittlebug	0.015-0.025	1.92-3.20	* Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods.
	Tobacco Budworm <sup>11</sup> European Corn Borer Southwestern Corn Borer <sup>1</sup> Stalk Borer Hop Vine Borer Armyworm <sup>1</sup> Fall Armyworm <sup>1</sup> Yellow-striped Armyworm <sup>1</sup> Webworm Spp. Flea Beetle Spp. Western Corn Rootworm Beetle (Adult)	0.02-0.03	2.56-3.84	* Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.  * For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small corn. Direct spray to the base of corn plants. Repeat applications at 3 to 5 day intervals if needed. WARRIOR <sup>®</sup> insecticide may only suppress heavy infestations and/or subsequent migrations.

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Broccoli Brussels Sprouts, Cabbage, Cavalo Broccoli Cauliflower, Chinese Broccoli (gai lan), Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy), Kohlrabi (Continued)	Plant Bug Spp. including Lygus Spp. <sup>1</sup> Stink Bug Spp. Meadow Spittlebug Aphid Spp. <sup>11</sup> Whitely Spp. <sup>11</sup> Thrips Spp. <sup>1</sup> Spider Mite Spp. <sup>1</sup>	0.02-0.03	2.56-3.84	* Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.  * Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.  * Do not apply within 1 day of harvest.  * Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.  For control of first and second instar only. Suppression only. See resistance statement under General Directions for Use.

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Broccoli Brussels Sprouts, Cabbage, Cavalo Broccoli Cauliflower, Chinese Broccoli (gai lan), Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy), Kohlrabi	Alfalfa Looper Cabbage Looper Imported Cabbageworm Southern Cabbageworm Cutworm Spp. Cabbage Webworm	0.015-0.025	1.92-3.20	* Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.  * Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.
	Diamondback Moth <sup>1</sup> Armyworm Beet Armyworm <sup>1</sup> Fall Armyworm <sup>1</sup> Yellow-striped Armyworm Corn Earworm Flea Beetle Spp. Japanese Beetle (Adult) Vegetable Weevil (Adult) Grasshopper Spp. Leafhopper Spp.	0.02-0.03	2.56-3.84	* Do not apply within 1 day of harvest. * Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.  For control of first and second instar only. Suppression only. See resistance statement under General Directions for Use.



**SPRAY RECOMMENDATIONS**

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Lettuce (Head and Leaf)	Alfalfa Looper Cabbage Looper Imported Cabbageworm Cutworm Spp. Saltmarsh Caterpillar Green Cloverworm	0.015-0.025	1.92-3.20	• Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.
	Diamondback Moth <sup>1</sup> Armyworm Beet Armyworm <sup>1</sup> Fall Armyworm <sup>1</sup> Southern Armyworm Corn Earworm Tobacco Budworm <sup>1</sup> European Corn Borer Flea Beetle Spp. Japanese Beetle (Adult) Vegetable Weevil (Adult) Grasshopper Spp.	0.02-0.03	2.56-3.84	• Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gal/lons of water per acre. • Do not apply within 1 day of harvest. • Do not apply more than 0.3 lb ai (2.4 pints) per acre per season.  • For control of first and second instar only • Suppression only • See resistance statement under General Directions for Use.

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**SPRAY RECOMMENDATIONS**

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Cotton (Continued)	Southern Green Stink Bug Twospotted Spider Mite <sup>1</sup> Cotton Aphid <sup>1</sup> Bandedwing Whitefly <sup>1</sup> Sweetpotato Whitefly <sup>1</sup>	0.025-0.04	3.20-5.12	• Do not apply within 21 days of harvest. • Do not graze livestock in treated areas. • Do not apply more than 1.6 pints (0.2 lb ai) per acre per season. • Do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include AMBUSH <sup>®</sup> insecticide, Arimo <sup>®</sup> insecticide, Asana XL insecticide, Baythroid <sup>®</sup> emulsifiable pyrethroid insecticide, Capture <sup>®</sup> insecticide/miticide, Dantrol 2.4 EC Spray insecticide/miticide, Decis <sup>®</sup> insecticide, Fury <sup>™</sup> insecticide, KARATE <sup>®</sup> insecticide, Mustang <sup>®</sup> insecticide, Pounce <sup>®</sup> , Scout X TRA <sup>®</sup> insecticide, SynerGin <sup>™</sup> insecticide and WARRIOR <sup>®</sup> insecticide. • For control of first and second instar only • Suppression only. • See resistance statement under General Directions for Use.

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**SPRAY RECOMMENDATIONS**

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Cotton	Cutworm Spp. Tobacco Thrips Soybean Thrips	0.015-0.02	1.92-2.56	• Apply as required by scouting, usually at intervals of 5 to 7 days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.
	Lygus Bug Spp. <sup>1</sup> Pink Bollworm Cabbage Looper Cotton Leafperforator Saltmarsh Caterpillar Cotton Leafworm Cotton Fleahopper	0.02-0.03	2.56-3.84	• Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. • Applications may also be made with equipment adapted and calibrated for ULV sprays. WARRIOR Insecticide may be mixed with once-refined vegetable oil and applied in a minimum of at least one quart of finished spray per acre.
	Cotton Bollworm Tobacco Budworm <sup>1</sup> Boll Weevil Fall Armyworm <sup>2</sup> Beet Armyworm <sup>2</sup> European Corn Borer Brown Stink Bug Green Stink Bug	0.025-0.04	3.20-5.12	• Under light bollworm/budworm infestation levels, 0.02 lb ai/A may be applied in conjunction with intense field monitoring. • For boll weevil control spray on a 3 to 5 day schedule. • When applied according to label directions for control of cotton bollworm and tobacco budworm, WARRIOR Insecticide also provides ovicidal control of unhatched <i>Heliothis</i> spp. eggs.

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Peanut	Cutworm Spp. Green Cloverworm Velvetbean Caterpillar Red-necked Peanut Worm Potato Leafhopper	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> </ul>
	Corn Earworm Fall Armyworm <sup>1</sup> Bean Leaf Beetle Southern Corn Rootworm (Adult) Vegetable Weevil Whitefringed Beetle (Adult) Stink Bug Spp. Tobacco Thrips Grasshopper Spp.	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Do not apply within 14 days of harvest.</li> <li>Do not apply more than 0.12 lb ai (0.96 pints) per acre per season.</li> <li>Do not graze livestock in treated areas. Do not use treated vines or hay for animal feed.</li> <li>For control of the first and second instar only. Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Onion (Bulb) and Garlic	Cutworm Spp. Seedcorn Maggot (Adult) Onion Maggot (Adult) Leafminer Spp. (Adult)	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Use the higher label rates as thrips population increases and avoid rescue situations.</li> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>For thrips control by aerial application, the addition of 1% COC w/v, 1/4% NIS w/v or a silicone adjuvant (follow manufacturers use directions) may enhance the deposition of the spray and increase plant coverage.</li> <li>Do not apply within 14 days of harvest. Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.</li> <li>For control of the first and second instar only. Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>
	Armyworm Spp. <sup>1</sup> Onion Thrips Tobacco Thrips Western Flower Thrips <sup>1</sup> Flower Thrips <sup>1</sup> Aphid Spp. <sup>1</sup> Plant Bug Spp. Stink Bug Spp.	0.02-0.03	2.56-3.84	

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Lettuce (Head and Leaf) (Continued)	Leafhopper Spp. Plant Bug Spp. Including Lygus Spp. <sup>1</sup> Stink Bug Spp. Meadow Spittlebug Aphid Spp. <sup>1</sup> Whitefly Spp. <sup>1</sup> Spider Mite Spp. <sup>1</sup>	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>Do not apply within 1 day of harvest.</li> <li>Do not apply more than 0.3 lb ai (2.4 pints) per acre per season.</li> <li>For control of first and second instar only. Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>

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SPRAY RECOMMENDATIONS			
Crop	Target Pests	Rate	
		lb ai/A	fl oz/A
Rice (Continued)	True Armyworm Fall Armyworm Yellow-striped Armyworm Rice Water Weevil (Adult) Rice Stink Bug Chinch Bug Grasshopper Spp. Leafhopper Spp. Oat Birdcherry Aphid Green Bug	0.025-0.04	3.20-5.10
		<p>Remarks</p> <p>*For control of rice water weevil in water seeded rice, make the first foliar application after pinpoint flood as indicated by scouting for the presence of adults and/or feeding scars usually when rice has emerged 0.5 inch above the waterline. Under conditions of prokinged migration into the field, start field scouting for rice water weevil adults and/or feeding scars 3-5 days after the initial treatment and, if needed, apply a second application within 7-10 days of the first application. Adults may also be treated at later stages of rice development to reduce over-wintering populations.</p>	

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SPRAY RECOMMENDATIONS			
Crop	Target Pests	Rate	
		lb ai/A	fl oz/A
Rice	True Armyworm Fall Armyworm Yellow-striped Armyworm Rice Water Weevil (Adult) Rice Stink Bug Chinch Bug Grasshopper Spp. Leafhopper Spp. Oat Birdcherry Aphid Green Bug	0.025-0.04	3.20-5.10
		<p>Remarks</p> <p>*Apply as required by scouting. Timing and frequency of application should be based upon insect populations reaching locally determined economic thresholds. Determine the need for repeat applications, usually at intervals of 5-7 days, by scouting. *WARRIOR Insecticide can be safely used when preplant products are being used for weevil control. Apply by air or by ground equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 5 gal/acre of water. For control of rice water weevil in dry seeded rice make a foliar application as indicated by scouting for the presence of adults and/or feeding scars usually within a time frame of 0.5 days after permanent flood establishment. Do not exceed 10 days from starting permanent flood until insecticide application unless scouting indicates weevils have not been previously present. Adults may also be treated at later stages of rice development to reduce over-wintering populations.</p>	

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SPRAY RECOMMENDATIONS			
Crop	Target Pests	Rate	
		lb ai/A	fl oz/A
Peanut (Continued)	Beet Armyworm Soybean Looper Lesser Constrictor Borer Spider Mite Spp. Aphid Spp.	0.03	3.84
		<p>Remarks</p> <p>*Apply as required by scouting, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</p> <p>*Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gal/acre of water per acre.</p> <p>*Do not apply within 14 days of harvest. Do not apply more than 0.12 lb ai (0.96 pmtsi) per acre per season.</p> <p>*Do not graze livestock in treated areas. Do not use treated viles or hay for animal feed.</p> <p>For control of the first and second instar only. Suppression only. See resistance statement under General Directions for Use.</p>	

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Sorghum (Grain)	Cutworm Spp. Sorghum Midge	0.015-0.02	1.92-2.96	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply at a minimum of 2 gallons of water per acre.</li> <li>For sorghum midge control, begin applications when 25% of the sorghum heads have emerged and are in tip bloom. Repeat applications at 5 day intervals if needed.</li> <li>For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small sorghum. Direct spray to the base of sorghum plants. Repeat applications at 3 to 5 day intervals if needed. WARRIOR insecticide may only suppress heavy infestations and/or subsequent migrations.</li> </ul>
	Armyworm Beet Armyworm Fall Armyworm Yellow-striped Armyworm Corn Earworm Webworm Spp. European Corn Borer Southwestern Corn Borer Lesser Cornstalk Borer Flea Beetle Spp. Stink Bug Spp. Grasshopper Spp. Chinch Bug	0.02-0.03	2.56-3.84	
		0.03	3.84	

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Rice (Continued)	True Armyworm Fall Armyworm Yellow-striped Armyworm Rice Water Weevil (Adult) Rice Stink Bug Chinch Bug Grasshopper Spp. Leafhopper Spp. Oat Birdcherry Aphid Green Bug	0.025-0.04	3.20-5.10	<ul style="list-style-type: none"> <li>Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.06 lb ai (0.64 pints) per acre within 28 days of harvest or more than 0.04 lb ai (0.32 pints) per acre within 21 days of harvest.</li> <li>Do not apply within 21 days of harvest.</li> <li>Do not use treated rice fields for the aquaculture of edible fish and crustacea.</li> <li>Do not apply as an ultra low volume (ULV) spray.</li> </ul>

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Rice (Continued)	True Armyworm Fall Armyworm Yellow-striped Armyworm Rice Water Weevil (Adult) Rice Stink Bug Chinch Bug Grasshopper Spp. Leafhopper Spp. Oat Birdcherry Aphid Green Bug	0.025-0.04	3.20-5.10	<ul style="list-style-type: none"> <li>California: In addition to above directions for control of rice water weevil in water seeded rice, WARRIOR insecticide may be applied at the 1-3 leaf growth stage, with the majority at the 2 leaf growth stage. Adults are vulnerable on levees and in the water. Larvae are vulnerable while feeding on the leaf prior to entering the soil. Monitor for adults, based upon field history and density of population. Monitor field edges and levee areas for adults. Treat in the following manner: a) spray the inside perimeter of the field or b) spray the entire field.</li> <li>Green bug is known to have many biotypes. WARRIOR insecticide may only provide suppression. If satisfactory control is not achieved with the first application of WARRIOR insecticide, a resistant biotype may be present. Use alternate chemistry for control.</li> <li>Do not release flood water within 7 days of an application.</li> </ul>

**SPRAY RECOMMENDATIONS**

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Soybean (Continued)	Potato Leafhopper	0.015	0.025	*Do not apply within 45 days of harvest. Do not apply more than 0.06 lb ai (0.48 pints) per acre per season.  For control of the first and second instar only. †Suppression only. ‡See resistance statement under General Directions for Use.
	Thrips Spp		1.92-3.20	
	Armyworm	0.025	0.03	
	Fall Armyworm <sup>1</sup>		3.20-3.84	
	Yellow striped Armyworm			
	Tobacco Budworm <sup>1</sup>			
	Webworm Spp			
	European Corn Borer			
	Silverspotted Skipper			
	Japanese Beetle (Adult)			
Blister Beetle Spp				
Stink Bug Spp				
Plant Bug Spp				
Grasshopper Spp				
Beet Armyworm <sup>1</sup>		0.03	3.84	
Soybean Looper <sup>2</sup>				
Lesser Cornstalk Borer <sup>2</sup>				
Spider Mite Spp. <sup>2</sup>				

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**SPRAY RECOMMENDATIONS**

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Soybean	Corn Earworm	0.015	0.025	*Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.  *Do not graze or harvest treated soybean forage, straw or hay for livestock feed.  *Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gal tons of water per acre.  *For control of adult corn rootworm beetles ( <i>Diatraea</i> species) as part of an overall applied corn rootworm control program use a minimum of 2.56 fl oz/A (0.02 lb ai/A).
	Velvetbean Caterpillar		1.92-3.20	
	Green Cloverworm			
	Cabbage Looper			
	Painted Lady (Thistle) Caterpillar			
	Saltmarsh Caterpillar			
	Woollybear Caterpillar			
	Cutworm Spp.			
	Bean Leaf Beetle			
	Mexican Bean Beetle			
	Western Corn Rootworm Beetle (Adult)			
	Northern Corn Rootworm Beetle (Adult)			
	Southern Corn Rootworm Beetle (Adult)			
	Mexican Corn Rootworm Beetle (Adult)			
	Three Cornered Alfalfa Hopper			

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**SPRAY RECOMMENDATIONS**

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Sorghum (Grain) (Continued)	Cutworm Spp	0.015	0.02	*Do not apply within 30 days of harvest. Do not apply more than 0.08 lb ai (0.64 pints) per acre per season. Do not apply more than 0.06 lb ai (0.48 pints) per acre per season after crop emergence. Do not apply more than 0.02 lb ai (0.16 pints) per acre per season once crop is in soft dough stage.  *Do not graze livestock in treated areas or harvest for fodder, silage or hay.  †For control of the first and second instars only. ‡For control before the larva bores into the plant stalk. †See resistance statement under General Directions for Use.
	Sorghum Midge		1.92-2.56	
	Armyworm	0.02	0.03	
	Beet Armyworm <sup>1</sup>		2.56-3.84	
	Fall Armyworm <sup>1</sup>			
	Yellow striped Armyworm			
	Corn Earworm			
	Webworm Spp			
	European Corn Borer <sup>2</sup>			
	Southwestern Corn Borer <sup>2</sup>			
Lesser Cornstalk Borer <sup>2</sup>				
Flea Beetle Spp				
Stink Bug Spp				
Grasshopper Spp				
Chinch Bug		0.03	3.84	

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Wheat, Wheat Hay, and Triticale	Cutworm Spp. Army Cutworm	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>For chinch bug control, repeat applications at 3 to 5 day intervals if needed. WARRIOR Insecticide may only suppress heavy infestations and/or migrations.</li> <li>Greenbug is known to have many biotypes. WARRIOR Insecticide may provide suppression only. In this situation, a second application using an alternative chemistry may be needed.</li> <li>Do not apply within 30 days of harvest.</li> </ul>
	Armyworm Fall Armyworm Yellow striped Armyworm Flea Beetle Spp. Cereal Leaf Beetle Stink Bug Spp. English Grain Aphid Russian Wheat Aphid Bird Cherry Oat Aphid <sup>1</sup> Grasshopper Spp.	0.02-0.03	2.56-3.84	

SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Tomato and Tomatillo	Cabbage Looper Cutworm Spp. Hornworm Spp.	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>Do not apply within 5 days of harvest.</li> <li>Do not apply more than 0.36 lb ai (2.88 pints) per acre per season.</li> <li>For control of first and second instar only. Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>
	Tomato Fruitworm Tobacco Budworm <sup>1</sup> Tomato Pinworm Beet Armyworm <sup>1</sup> Southern Armyworm Yellow striped Armyworm Fall Armyworm European Corn Borer Leafminer Spp. <sup>2</sup> Colorado Potato Beetle <sup>1</sup> Flea Beetle Spp. Grasshopper Spp. Leafhopper Spp. Aphid Spp. <sup>1</sup> Whitefly Spp. <sup>1</sup> Meadow Spittlebug Stink Bug Spp. Plant Bug Spp.	0.02-0.03	2.56-3.84	

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SPRAY RECOMMENDATIONS				
Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Sunflower	Sunflower Beetle Cutworm Spp.	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of sunflower heads and/or foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>Do not apply within 45 days of harvest.</li> <li>Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.09 lb ai (0.72 pints) per acre per season after bloom initiation. Do not apply as an ultra-low volume (ULV) spray.</li> <li>For control of first and second instar only. Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>
	Sunflower Moth Banded Sunflower Moth Fall Armyworm Woollybear Caterpillar Spotted Cabbage Looper Painted Lady (Thistle) Caterpillar Seed Weevil (Adult) Stem Weevil (Adult) Head-Clipper Weevil (Adult) Japanese Beetle (Adult) Sunflower Maggot (Adult) Leafhopper Spp. Meadow Spittlebug Stink Bug Spp. Grasshopper Spp. Beet Armyworm <sup>1</sup> Spider Mite Spp. <sup>2</sup>	0.02-0.03	2.56-3.84	
		0.03	3.84	

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Crop	Target Pests	SPRAY RECOMMENDATIONS	
		lb a/A	fl oz/A
Wheat, Wheat Hay and Trifoliate (Continued)	Grass Sawfly, Chinch Bug, Greenbug*	0.025-0.03	3.20-3.94
<p><b>Remarks</b></p> <p>* Do not apply more than 0.06 lb ai at 10.48 pints per acre per season.</p> <p>Best control is obtained before insects begin to roll leaves. Once wheat has started to head, WARRIOR insecticide may provide superior control. Higher rates and increased coverage will be necessary.</p> <p>See separate statement under General Directions for Use.</p>			

**RATE CONVERSION CHART**

LB AI PER ACRE	FL OZ PER ACRE	PINTS PER ACRE	TREATED ACRES PER GALLON
0.015	1.92	0.12	56
0.02	2.56	0.16	50
0.025	3.20	0.20	40
0.03	3.84	0.24	33
0.04	5.12	0.32	25

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Active Ingredient Made in UK, Formulated & Packaged in U.S.A.

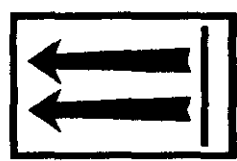
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ZENECA Ag Products Inc.  
Wilmington, Delaware 19850-5458

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NOTIFICATION  
DEC 29 2000



Contents: EIGHT — 1 qt. plastic bottles

**SHAKE WELL BEFORE USING**

**RESTRICTED USE PESTICIDE**

Due to Toxicity to Fish and Aquatic Organisms

This material can be used only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

ZENECA Ag Products



KEEP OUT OF REACH OF CHILDREN

**WARNING-AVISO**

Keep this and all other pesticides out of the reach of children. Do not allow children to play in or near treated areas until the treated area has dried. If you do not understand the label, do not use this product.

**ACTIVE INGREDIENT:**

Permethrin 2.2% (2.2% permethrin)

2,2-Dimethyl-4,4-diphenylacetylene

**NET WEIGHT:** 8.33 (2.50 lbs)

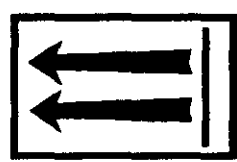
**TOTAL**

WARRIOR Insecticide contains 1 pound of active ingredient per gallon and is a registered pesticide.

EPA Reg. No. 10162-424  
EPA Est. No. 10162-AP-1

Contents: EIGHT — 1 qt. plastic bottles

U.S.  
GAL.  
8.33

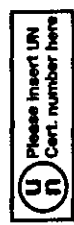


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Permethrin (see label for details) and 2,2-Dimethyl-4,4-diphenylacetylene (see label for details) are listed in the Inventory of Pesticides.





### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).  
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

**MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS.** Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil based cream.

#### Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton - 14 mils
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

#### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found in the enclosed booklet before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

### DIRECTIONS FOR USE Restricted Use Pesticide

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. This labeling must be in the possession of the user at the time of application.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., enclosed booklet) under **"AGRICULTURAL USE REQUIREMENTS"** in the **DIRECTIONS FOR USE** section for information about this standard.

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.

**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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Active Ingredient Made in UK; Formulated & Packaged in U.S.A.

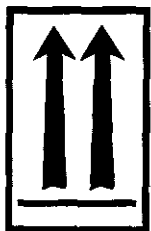
# ZENECA Ag Products

ZENECA Ag Products Inc.  
Wilmington, Delaware 19850-6458

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Contents: FOUR—1 gal plastic jugs

SHAKE WELL BEFORE USING

RESTRICTED USE PESTICIDE

See its Toxicity to Fish and Aquatic Organisms

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.



KEEP OUT OF REACH OF CHILDREN

WARNING-AVISO

Si usted no entiende la etiqueta, pague a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

ACTIVE INGREDIENT:

Lambda-cyhalothrin  
[(1S),3a,(2E),4r]-cyano-2-[3-phenoxyphenylmethyl-5-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclohexanecarboxylate]

INERT INGREDIENTS:

TOTAL

WARRIOR contains 1 pound of active ingredient per gallon and is a contact insecticide.

EPA Reg. No. X982-434

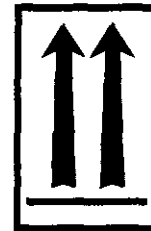
EPA Est. No. X982-AR-1

See Back Panel for Statement of Practical Treatment and Additional Precautionary Statements

11.4%  
88.6%  
100.0%

Contents: FOUR—1 gal plastic jugs

ZENECA



UN 3352



6

Flammable, Corrosive, Toxic, Highly Combustible  
Flammable-Liquid

UN Please insert UN Cert. number here

NOTIFICATION  
DEC 29 2000

41/71



STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633). FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
• Chemically-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton > 14 mils
• Shoes plus socks
• Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(c)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENECA or Seller. All such risks shall be assumed by Buyer and User and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the

control of Seller or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.

DIRECTIONS FOR USE Restricted Use Pesticide

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. This labeling must be in the possession of the user at the time of application.

Refer to label booklet attached to container for complete Directions for Use.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., enclosed booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage and disposal. STORAGE: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. DO NOT ALLOW PRODUCT TO FREEZE.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal law. If these wastes cannot be disposed of by use 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.

CONTAINER DISPOSAL: Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

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Active Ingredient Made in UK; Formulated & Packaged in U.S.A.

ZENECA Ag Products

ZENECA Ag Products Inc. Wilmington, Delaware 19880-6458



**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

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- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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**DIRECTIONS FOR USE**  
**Restricted Use Pesticide**

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**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal.

**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

WARRIOR® and ZEON™ are trademarks of a ZENECA company.

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Active Ingredient Made in UK; Formulated & Packaged in U.S.A.

**ZENECA** Ag Products

**ZENECA Ag Products Inc.**  
Wilmington, Delaware 19850-5458

04007197  
090003

**NOTIFICATION**  
**DEC 29 2000**

**SHAKE WELL BEFORE USING**

**RESTRICTED USE PESTICIDE**  
**Due to Toxicity to Fish and Aquatic Organisms**  
 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.

**ZENECA** Ag Products



**ACTIVE INGREDIENT:**

Lambda-cyhalothrin  
 [1α(S\*),3α(Z)]-(±)-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate ..... 11.4%

**INERT INGREDIENTS:** ..... 88.6%

**TOTAL** ..... 100.0%

WARRIOR® Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.

EPA Reg. No. 10182-434

**KEEP OUT OF REACH OF CHILDREN**

**WARNING-AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**See inside for Statement of Practical Treatment and Precautionary Statements**

**COMPLETE DIRECTIONS FOR USE**

04007198  
 090003

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- Asana® is a trademark of E. I. du Pont de Nemours & Co. (Inc.).
- Baythroid® is a trademark of Mobay Corporation.
- Danitol® is a trademark of Sumitomo Chemical Co., LTD.
- DECIS® and SCOUT-XTRA® are registered trademarks of Hoechst Schering AgrEvo S.A.de C.V.
- SynerGin™ is a trademark of AgrEvo USA Company.

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**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 24 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:

- Coveralls
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton  $\geq$  14 mils
- Shoes plus socks

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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.

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4/9/71

### STORAGE AND DISPOSAL

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**STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. **DO NOT ALLOW PRODUCT TO FREEZE.**

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**CONTAINER DISPOSAL:** Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**FOR BULK, MINI-BULK, EZ HANDLER® AND BOOMERANG CONTAINER DISPOSAL:** Return container to ZENECA for reuse with seal intact and in salable condition.

**CONTAINER PRECAUTIONS:** Before refilling RETURNABLE CONTAINERS, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.

**REFILL ONLY WITH WARRIOR® Insecticide.** The contents of RETURNABLE CONTAINERS cannot be completely removed by cleaning. Refilling with materials other than WARRIOR Insecticide will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

### GENERAL DIRECTIONS FOR USE

Initial and residual control are contingent upon thorough crop coverage. Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground unless otherwise specified in this label. When foliage is dense or pest pressure is high (heavier insect or egg pressure, larger larval stages), use of higher application volumes and/or higher use rates may improve initial and residual control.

For cutworm control, WARRIOR® Insecticide may be applied before, during or after planting. For soil incorporated applications, use higher rates for improved control.

**Resistance:** Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

**SPRAY DRIFT PRECAUTIONS****OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.**

- Do not apply by ground within 25 feet, or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes, pot holes, or natural ponds; estuaries and commercial fish farm ponds. Increase the buffer zone to 450 feet when ultra-low volume (ULV) application is made.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
- For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of wing span or rotor diameter.
- Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.
- Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
- Risk of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
- Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.
- Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

In the State of New York, a 25 foot vegetated, non-cropped buffer strip untraversed by drainage tiles must be maintained between a treated field and a coastal salt marsh or stream that drains into a coastal salt marsh, for both aerial or ground application. For aerial applications, the 25 foot vegetated non-cropped buffer strip for runoff protection would be part of the larger 150 foot buffer strip (or 450 foot buffer strip for ULV application) required for spray drift.

**TANKMIX APPLICATION**

When tank mixing with any other agricultural products, always add WARRIOR Insecticide last. Fill the tank with one half to two thirds volume of the mixing diluent. Make sure all other products are fully dispersed in the mixing diluent before adding the recommended rate of WARRIOR Insecticide to the tank. Add the remainder of the mixing diluent volume. It is recommended that mixing and spray equipment have continuous agitation for best results. Follow the precautions and limitations of the most restricted product in the tank mixture.

While WARRIOR Insecticide has good flexibility for tank mixing with other agricultural products, a jar test for physical compatibility is recommended for untried mixtures using proper ratios and mixing sequences of all ingredients to be included in the mixture.

WARRIOR Insecticide is an aqueous based formulation. It is recommended that no type of non-emulsifiable oils be used in combination with WARRIOR Insecticide. If adjuvants are used, use only:

- Nonionic Surfactant (NIS) containing at least 75% surface agent or
- Non-phytotoxic Crop Oil Concentrate (COC), including once refined Vegetable Oil Concentrate (VOC), or Methylated Sunflower Oils (MSO) containing a minimum of 17% emulsifier.

Adjuvants other than NIS or COC may be used providing the product meets the following criteria:

1. Contains only EPA exempt ingredients.
2. Is non-phytotoxic to the target crop.
3. Is compatible in mixture. (May be established through a jar test.)
4. Is supported locally for use with WARRIOR Insecticide on the target crop through proven field trials and through university and extension recommendations.

In addition, the following may be used as diluents:

Crop Oil Concentrate      Methylated Sunflower Oils      Urea-Ammonium Nitrate

It is recommended that the following not be used in combination with WARRIOR Insecticide as diluents or adjuvants:

Non-emulsifiable oils      Diesel Fuel      Straight Mineral Oil

#### CHEMIGATION

##### SPRINKLER IRRIGATION APPLICATION

Apply WARRIOR Insecticide at rates and timing described elsewhere in this label. As local recommendations differ, consult your local State Extension Service or other local experts for recommendations on adjuvant or diluent types, (see TANKMIX APPLICATION) rates and mixing instructions. These recommendations should be proven, through university and extension field trials, to be effective with WARRIOR Insecticide applied by chemigation.

Check the irrigation system to insure uniform application of water to all areas. Thorough coverage of foliage is required for good control. Good agitation in the pesticide supply tank should be maintained prior to and during the entire application period.

Apply by injecting the recommended rate of WARRIOR Insecticide into the irrigation system using a metering device that will introduce a constant flow and by distributing the product to the target area in 0.1-0.2 acre-inch of water. In general, use the least amount of water required for proper distribution and coverage. It is recommended that the product be injected into the main irrigation line ahead of a right angle turn in the line to insure adequate dispersion or mixing in the irrigation water. Once the application is completed, flush the entire irrigation and injection system with clean water before stopping the system.

In addition to the above recommendations, if application is being made during a normal irrigation set of a stationary sprinkler, the recommended rate of WARRIOR Insecticide for the area covered should be injected into the system only during the end of the irrigation set for sufficient time to provide adequate coverage and product distribution.

It is not recommended that WARRIOR Insecticide be applied through an irrigation system connected to a public water system. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

**USE PRECAUTIONS – SPRINKLER IRRIGATION APPLICATION**

- A. Apply this product only through (sprinkler including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system.
- B. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- C. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- D. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- E. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- F. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- G. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- H. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- I. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- J. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- K. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- L. Do not apply when wind speed favors drift beyond the area intended for treatment.
- M. Do not apply through chemigation systems connected to public water systems.

Apply WARRIOR Insecticide as shown in the following charts:

**SPRAY RECOMMENDATIONS**

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Alfalfa, Alfalfa grown for seed	Alfalfa Caterpillar Cutworm Spp. Green Cloverworm Looper Spp. Velvetbean Caterpillar Webworm Spp. Leafhopper Spp. Threecornered Alfalfa Hopper	0.015-0.025	1.92-3.20	<p>*Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</p> <p>*Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground. When foliage is dense and/or pest populations are high 5-10 gallons per acre by air or 20 gallons per acre by ground and higher use rates are recommended. Use higher rates for increased residual control.</p>
	Armyworm Corn Earworm Fall Armyworm <sup>1</sup> Western Yellow-striped Armyworm Yellow-striped Armyworm Alfalfa Weevil Bean Leaf Beetle (Adult) Blister Beetle Spp. Clover Leaf Weevil Spp. Clover Root Borer (Adult) Clover Root Curculio Spp. (Adult) Clover Stem Borer (Adult) Cowpea Curculio (Adult) Cowpea Weevil (Adult) Cucumber Beetle Spp. (Adult) Egyptian Alfalfa Weevil Grape Colaspis (Adult) Green June Beetle (Adult)	0.02-0.03	2.56-3.84	<p>*Avoid application when bees are actively foraging by applying during the early morning or during the evening hours. Be aware of bee hazard resulting from a cool evening and/or morning dew. It may be advisable to remove bee shelters during and for 2-3 days following application. Avoid direct application to bee shelters.</p> <p>*Do not apply more than 0.03 lb ai (0.24 pints) per acre per cutting. Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply within 1 day of harvest for forage or within 7 days of harvest for hay.</p> <p><sup>1</sup>For control of first and second instar only.</p> <p><sup>2</sup>Suppression only.</p> <p><sup>3</sup>See resistance statement under General Directions for Use.</p> <p style="text-align: right;"><i>(continued)</i></p>

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Alfalfa, Alfalfa grown for seed <i>(continued)</i>	Japanese Beetle (Adult) Mexican Bean Beetle Pea Weevil (Adult) Sweet Clover Weevil (Adult) Whitefringed Beetle Spp. (Adult) Meadow Spittlebug Plant Bug Spp. Including Lygus Spp. <sup>2</sup> Stink Bug Spp. Alfalfa Seed Chalcid (Adult) Blue Alfalfa Aphid Cowpea Aphid Green Peach Aphid <sup>2</sup> Pea Aphid Spotted Alfalfa Aphid Thrips Spp. Grasshopper Spp.			<p>*Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</p> <p>*Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground. When foliage is dense and/or pest populations are high 5-10 gallons per acre by air or 20 gallons per acre by ground and higher use rates are recommended. Use higher rates for increased residual control.</p> <p>*Avoid application when bees are actively foraging by applying during the early morning or during the evening hours. Be aware of bee hazard resulting from a cool evening and/or morning dew. It may be advisable to remove bee shelters during and for 2-3 days following application. Avoid direct application to bee shelters.</p> <p>*Do not apply more than 0.03 lb ai (0.24 pints) per acre per cutting. Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply within 1 day of harvest for forage or within 7 days of harvest for hay.</p>
	Beet Armyworm <sup>1,3</sup> Blotch Leafminer <sup>3</sup> Spider Mites <sup>2</sup>	0.03	3.84	<p><sup>1</sup>For control of first and second instar only.</p> <p><sup>2</sup>Suppression only.</p> <p><sup>3</sup>See resistance statement under General Directions for Use.</p>

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Broccoli Brussels Sprouts, Cabbage, Cavalo Broccoli, Cauliflower, Chinese Broccoli (gai lan), Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy), Kohlrabi	Alfalfa Looper Cabbage Looper Imported Cabbageworm Southern Cabbageworm Cutworm Spp. Cabbage Webworm	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>•Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>•Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> </ul>
	Diamondback Moth <sup>1</sup> Armyworm Beet Armyworm <sup>1,2</sup> Fall Armyworm <sup>1</sup> Yellow-striped Armyworm Corn Earworm Flea Beetle Spp. Japanese Beetle (Adult) Vegetable Weevil (Adult) Grasshopper Spp. Leathopper Spp. Plant Bug Spp. including Lygus Spp. <sup>2</sup> Stink Bug Spp. Meadow Spittlebug Aphid Spp. <sup>2,3</sup> Whitefly Spp. <sup>2,3</sup> Thrips Spp. <sup>2</sup> Spider Mite Spp. <sup>2</sup>	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>•Do not apply within 1 day of harvest.</li> <li>•Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.</li> <li><sup>1</sup>For control of first and second instar only.</li> <li><sup>2</sup>Suppression only.</li> <li><sup>3</sup>See resistance statement under General Directions for Use.</li> </ul>



Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Corn Field Corn Popcorn Seed Corn	Cutworm Spp. Western Bean Cutworm <sup>1</sup> Corn Earworm <sup>1</sup> Green Cloverworm Meadow Spittlebug	0.015-0.025	1.92-3.20	*Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods.
	Tobacco Budworm <sup>1,4</sup> European Corn Borer <sup>1</sup> Southwestern Corn Borer <sup>1</sup> Stalk Borer <sup>1</sup> Hop Vine Borer <sup>1</sup> Armyworm <sup>2</sup> Fall Armyworm <sup>2</sup> Yellow-striped Armyworm <sup>2</sup> Webworm Spp. Flea Beetle Spp. Western Corn Rootworm Beetle (Adult) Northern Corn Rootworm Beetle (Adult) Southern Corn Rootworm Beetle (Adult) Mexican Corn Rootworm Beetle (Adult) Bean Leaf Beetle Cereal Leaf Beetle Japanese Beetle (Adult) Sap Beetle (Adult) Stink Bug Spp. Grasshopper Spp. Corn Leaf Aphid <sup>3</sup> Bird Cherry-Oat Aphid <sup>3</sup> English Grain Aphid <sup>3</sup>	0.02-0.03	2.56-3.84	*Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.  *For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small corn. Direct spray to the base of corn plants. Repeat applications at 3- to 5-day intervals if needed. WARRIOR Insecticide may only suppress heavy infestations and/or subsequent migrations.  *For control of adult corn rootworm beetles ( <i>Diabrotica</i> species) as part of an aerial applied corn rootworm control program use a minimum of 3.84 fl oz/A (0.03 lb ai/A).  *Do not apply within 21 days of harvest.  *Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.06 lb ai (0.48 pints) after silk initiation. Do not apply more than 0.03 lb ai (0.24 pints) after corn has reached the milk stage (yellow kernels with milky fluid).  <sup>1</sup> For control before the larva bores into the plant stalk or ear.  <sup>2</sup> For control of first and second instar only.  <sup>3</sup> Suppression only.  <sup>4</sup> See resistance statement under General Directions for Use.
	Beet Armyworm <sup>2,4</sup> Chinch Bug Green Bug <sup>2,4</sup>	0.03	3.84	

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Sweet Corn	Corn Earworm Fall Armyworm <sup>1</sup> Southern Armyworm <sup>1</sup> Beet Armyworm <sup>1,3</sup> Yellow-Striped Armyworm <sup>1</sup> Cutworm Spp. Western Bean Cutworm Webworm Spp. European Corn Borer Southwestern Corn Borer Common Cornstalk Borer Western Corn Rootworm Beetle (Adult) Northern Corn Rootworm Beetle (Adult) Southern Corn Rootworm Beetle (Adult) Mexican Corn Rootworm Beetle (Adult) Japanese Beetle (Adult) Sap Beetle (Adult) Flea Beetle Spp. Tarnished Plant Bug Stink Bug Spp. Chinch Bug Aster Leafhopper Grasshopper Spp. Aphid Spp. <sup>2,3</sup> Spider Mite Spp. <sup>1</sup>	0.02-0.03	2.56-3.84	*Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 4 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods and should be targeted for control before insects enter the stalk or ear. *Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage and ears (if present). When applying by air, apply in a minimum of 2 gallons of water per acre. *For control of adult corn rootworm beetles ( <i>Diabrotica</i> species) as part of an aerial applied corn rootworm control program use a minimum of 3.2 fl oz/A (0.025 lb ai/A). *Do not apply within 1 day of harvest. *Do not apply more than 0.48 lb ai (3.84 pints) per acre per season. <sup>1</sup> For control of first and second instar only. <sup>2</sup> Suppression only. <sup>3</sup> See resistance statement under General Directions for Use.
	Corn Silky (Adult) <sup>2</sup>	0.03	3.84	

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Cotton	Cutworm Spp. Tobacco Thrips Soybean Thrips	0.015-0.02	1.92-2.56	•Apply as required by scouting, usually at intervals of 5 to 7 days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.
	Lygus Bug Spp. <sup>2</sup> Pink Bollworm Cabbage Looper Cotton Leafperforator Saltmarsh Caterpillar Cotton Leafworm Cotton Fleahopper	0.02-0.03	2.56-3.84	•Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. •Applications may also be made with equipment adapted and calibrated for ULV sprays. WARRIOR Insecticide may be mixed with once-refined vegetable oil and applied in a minimum of at least one quart of finished spray per acre.
	Cotton Bollworm Tobacco Budworm <sup>1</sup> Boll Weevil Fall Armyworm Beet Armyworm <sup>1,3</sup> European Corn Borer Brown Stink Bug Green Stink Bug Southern Green Stink Bug Twospotted Spider Mite <sup>2</sup> Cotton Aphid <sup>2,3</sup> Bandedwing Whitefly <sup>2,3</sup> Sweetpotato Whitefly <sup>2,3</sup>	0.025-0.04	3.20-5.12	•Under light bollworm/budworm infestation levels, 0.02 lb ai/A may be applied in conjunction with intense field monitoring. •For boll weevil control spray on a 3 to 5 day schedule. •When applied according to label directions for control of cotton bollworm and tobacco budworm, WARRIOR Insecticide also provides ovicidal control of unhatched <i>Heliothis</i> spp. eggs. •Do not apply within 21 days of harvest. •Do not graze livestock in treated areas. •Do not apply more than 1.6 pints (0.2 lb ai) per acre per season. •Do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include AMBUSH <sup>®</sup> insecticide, Ammo <sup>®</sup> insecticide, Asana <sup>®</sup> XL insecticide, Baythroid <sup>®</sup> emulsifiable pyrethroid insecticide, Capture <sup>®</sup> insecticide/miticide, Danito <sup>®</sup> 2.4 EC Spray insecticide/miticide, Decis <sup>®</sup> insecticide, Fury <sup>™</sup> insecticide, KARATE <sup>®</sup> insecticide, Mustang <sup>®</sup> insecticide, Pounce <sup>®</sup> , Scout X-TRA <sup>®</sup> insecticide, SynerGin <sup>™</sup> insecticide and WARRIOR <sup>®</sup> insecticide. <sup>1</sup> For control of first and second instar only. <sup>2</sup> Suppression only. <sup>3</sup> See resistance statement under General Directions for Use.

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Lettuce (Head and Leaf)	Alfalfa Looper Cabbage Looper Imported Cabbageworm Cutworm Spp. Saltmarsh Caterpillar Green Cloverworm	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>*Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>*Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>*Do not apply within 1 day of harvest.</li> <li>*Do not apply more than 0.3 lb ai (2.4 pints) per acre per season.</li> <li><sup>1</sup>For control of first and second instar only.</li> <li><sup>2</sup>Suppression only.</li> <li><sup>3</sup>See resistance statement under General Directions for Use.</li> </ul>
	Diamondback Moth <sup>2</sup> Armyworm Beet Armyworm <sup>1,3</sup> Fall Armyworm <sup>1</sup> Southern Armyworm Corn Earworm Tobacco Budworm <sup>2</sup> European Corn Borer Flea Beetle Spp. Japanese Beetle (Adult) Vegetable Weevil (Adult) Grasshopper Spp. Leafhopper Spp. Plant Bug Spp. including Lygus Spp. <sup>3</sup> Stink Bug Spp. Meadow Spittlebug Aphid Spp. <sup>1,2</sup> Whitefly Spp. <sup>2,3</sup> Spider Mite Spp. <sup>2</sup>	0.02-0.03	2.56-3.84	

Crop	Target Pests	Rate		Remarks
		lb a/A	fl oz/A	
Onion (Bulb) and Garlic	Cutworm Spp. Seedcorn Maggot (Adult) Onion Maggot (Adult) Leafminer Spp. (Adult)	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> </ul>
	Armyworm Spp. <sup>1</sup> Onion Thrips Tobacco Thrips Western Flower Thrips <sup>2,3</sup> Flower Thrips <sup>2</sup> Aphid Spp. <sup>2</sup> Plant Bug Spp. Stink Bug Spp.	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Use the higher label rates as thrips population increases and avoid rescue situations.</li> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>For thrips control by aerial application, the addition of 1% COC v/v, 1/4% NIS v/v or a silicone adjuvant (follow manufacturers use directions) may enhance the deposition of the spray and increase plant coverage.</li> <li>Do not apply within 14 days of harvest. Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.</li> <li><sup>1</sup>For control of the first and second instar only.</li> <li><sup>2</sup>Suppression only.</li> <li><sup>3</sup>See resistance statement under General Directions for Use.</li> </ul>
Peanut	Cutworm Spp. Green Cloverworm Velvetbean Caterpillar Red-necked Peanut Worm Potato Leafhopper	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>Apply as required by scouting, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> </ul>
	Corn Earworm Fall Armyworm <sup>1</sup> Bean Leaf Beetle Southern Corn Rootworm (Adult) Vegetable Weevil Whiteringed Beetle (Adult) Stink Bug Spp. Tobacco Thrips Grasshopper Spp.	0.02-0.03	2.56-3.84	<ul style="list-style-type: none"> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>Do not apply within 14 days of harvest.</li> <li>Do not apply more than 0.12 lb ai (0.96 pints) per acre per season.</li> <li>Do not graze livestock in treated areas. Do not use treated vines or hay for animal feed.</li> <li><sup>1</sup>For control of the first and second instar only.</li> <li><sup>2</sup>Suppression only.</li> <li><sup>3</sup>See resistance statement under General Directions for Use.</li> </ul>
	Beet Armyworm <sup>1,2</sup> Soybean Looper <sup>2,3</sup> Lesser Cornstalk Borer <sup>2</sup> Spider Mite Spp. <sup>2</sup> Aphid Spp. <sup>2</sup>	0.03	3.84	

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Rice	True Armyworm Fall Armyworm Yellow-striped Armyworm Rice Water Weevil (Adult) Rice Stink Bug Chinch Bug Grasshopper Spp. Leafhopper Spp. Oat Birdcherry Aphid Green Bug	0.025-0.04	3.20-5.10	<p>*Apply as required by scouting. Timing and frequency of application should be based upon insect populations reaching locally determined economic thresholds. Determine the need for repeat applications, usually at intervals of 5-7 days, by scouting.</p> <p>*WARRIOR Insecticide can be safely used when propanil products are being used for weed control.</p> <p>*Apply by air or by ground equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 5 gallons of water per acre.</p> <p>*For control of rice water weevil in dry seeded rice, make a foliar application as indicated by scouting for the presence of adults and/or feeding scars, usually within a time-frame of 0-5 days after permanent flood establishment. Do not exceed 10 days from starting permanent flood until insecticide application unless scouting indicates weevils have not been previously present. Adults may also be treated at later stages of rice development to reduce overwintering populations.</p> <p>*For control of rice water weevil in water seeded rice, make the first foliar application after pinpoint flood as indicated by scouting for the presence of adults and/or feeding scars usually when rice has emerged 0.5 inch above the waterline. Under conditions of prolonged migration into the field, start field scouting for rice water weevil adults and/or feeding scars 3-5 days after the initial treatment and, if needed, apply a second application within 7-10 days of the first application. Adults may also be treated at later stages of rice development to reduce overwintering populations.</p> <p>*California: In addition to above directions for control of rice water weevil in water seeded rice, WARRIOR Insecticide may be applied at the 1-3 leaf growth stage, with the majority at the 2 leaf growth stage. Adults are vulnerable on levees and in the water. Larvae are vulnerable while feeding on the leaf prior to entering the soil. Monitor for adults, based upon field history and density of population. Monitor field edges and levee areas for adults. Treat in the following manner: a) spray the inside perimeter of the field, or b) spray the entire field.</p>

(continued)

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Rice (continued)	True Armyworm Fall Armyworm Yellow-striped Armyworm Rice Water Weevil (Adult) Rice Stink Bug Chinch Bug Grasshopper Spp. Leafhopper Spp. Oat Birdcherry Aphid Green Bug	0.025-0.04	3.20-5.10	<p>Green bug is known to have many biotypes. WARRIOR Insecticide may only provide suppression. If satisfactory control is not achieved with the first application of WARRIOR Insecticide, a resistant biotype may be present. Use alternate chemistry for control.</p> <ul style="list-style-type: none"> <li>*Do not release flood water within 7 days of an application.</li> <li>*Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.08 lb ai (0.64 pints) per acre within 28 days of harvest or more than 0.04 lb ai (0.32 pints) per acre within 21 days of harvest.</li> <li>*Do not apply within 21 days of harvest.</li> <li>*Do not use treated rice fields for the aquaculture of edible fish and crustacea.</li> <li>*Do not apply as an ultra-low volume (ULV) spray.</li> </ul>

Crop	Target Pests	Rate		Remarks
		lb ai/A	R oz/A	
Sorghum (Grain)	Cutworm Spp. Sorghum Midge	0.015-0.02	1.92-2.56	<p>*Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</p> <p>*Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.</p> <p>*For sorghum midge control, begin applications when 25% of the sorghum heads have emerged and are in tip bloom. Repeat applications at 5-day intervals if needed.</p> <p>*For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small sorghum. Direct spray to the base of sorghum plants. Repeat applications at 3- to 5-day intervals if needed. WARRIOR Insecticide may only suppress heavy infestations and/or subsequent migrations.</p> <p>*Do not apply within 30 days of harvest. Do not apply more than 0.06 lb ai (0.64 pints) per acre per season. Do not apply more than 0.06 lb ai (0.48 pints) per acre per season after crop emergence. Do not apply more than 0.02 lb ai (0.16 pints) per acre per season once crop is in soft dough stage.</p> <p>*Do not graze livestock in treated areas or harvest for fodder, silage or hay.</p> <p><sup>1</sup>For control of the first and second instars only. <sup>2</sup>For control before the larva bores into the plant stalk. <sup>3</sup>See resistance statement under General Directions for Use.</p>
	Armyworm Beet Armyworm <sup>1,2</sup> Fall Armyworm <sup>1</sup> Yellow-striped Armyworm <sup>1</sup> Corn Earworm Webworm Spp. European Corn Borer <sup>2</sup> Southwestern Corn Borer <sup>2</sup> Lesser Cornstalk Borer <sup>2</sup> Flea Beetle Spp. Stink Bug Spp. Grasshopper Spp.	0.02-0.03	2.56-3.84	
	Chinch Bug	0.03	3.84	



Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Soybean	Corn Earworm Velvetbean Caterpillar Green Cloverworm Cabbage Looper Painted Lady (Thistle) Caterpillar Saltmarsh Caterpillar Woollybear Caterpillar Cutworm Spp. Bean Leaf Beetle Mexican Bean Beetle Western Corn Rootworm Beetle (Adult) Northern Corn Rootworm Beetle (Adult) Southern Corn Rootworm Beetle (Adult) Mexican Corn Rootworm Beetle (Adult) Three-Cornered Alfalfa Hopper Potato Leafhopper Thrips Spp.	0.015-0.025	1.92-3.20	*Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. *Do not graze or harvest treated soybean forage, straw or hay for livestock feed. *Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre. *For control of adult corn rootworm beetles ( <i>Diabrotica</i> species) as part of an aerial applied corn rootworm control program use a minimum of 2.56 fl oz/A (0.02 lb ai/A). *Do not apply within 45 days of harvest. Do not apply more than 0.06 lb ai (0.48 pints) per acre per season. †For control of the first and second instar only. ‡Suppression only. *See resistance statement under General Directions for Use.
	Armyworm <sup>1</sup> Fall Armyworm <sup>1</sup> Yellow-striped Armyworm <sup>1</sup> Tobacco Budworm <sup>3</sup> Webworm Spp. European Corn Borer Silverspotted Skipper Japanese Beetle (Adult) Blister Beetle Spp. Stink Bug Spp. Plant Bug Spp. Grasshopper Spp.	0.025-0.03	3.20-3.84	
	Beet Armyworm <sup>1,2</sup> Soybean Looper <sup>2,3</sup> Lesser Cornstalk Borer <sup>2</sup> Spider Mite Spp. <sup>2</sup>	0.03	3.84	

Crop	Target Pests	Rate		Remarks
		lb a/A	fl oz/A	
Sunflower	Sunflower Beetle Cutworm Spp.	0.015-0.025	1.92-3.20	<p>*Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</p> <p>*Apply with ground or air equipment using sufficient water to obtain full coverage of sunflower heads and/or foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</p> <p>*Do not apply within 45 days of harvest.</p> <p>*Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.09 lb ai (0.72 pints) per acre per season after bloom initiation. Do not apply as an ultra-low volume (ULV) spray.</p> <p><sup>1</sup>For control of first and second instar only.</p> <p><sup>2</sup>Suppression only.</p> <p><sup>3</sup>See resistance statement under General Directions for Use.</p>
	Sunflower Moth Banded Sunflower Moth Fall Armyworm <sup>1</sup> Woollybear Caterpillar Spotted Cabbage Looper Painted Lady (Thistle) Caterpillar Seed Weevil (Adult) Stem Weevil (Adult) Head-Clipper Weevil (Adult) Japanese Beetle (Adult) Sunflower Maggot (Adult) Leafhopper Spp. Meadow Spittlebug Stink Bug Spp. Grasshopper Spp.	0.02-0.03	2.56-3.84	
	Beet Armyworm <sup>1,3</sup> Spider Mite Spp. <sup>2</sup>	0.03	3.84	

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Tomato and Tomatillo	Cabbage Looper	0.015-0.025	1.92-3.20	•Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.
	Cutworm Spp. Hornworm Spp.			
	Tomato Fruitworm	0.02-0.03	2.56-3.84	•Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre. •Do not apply within 5 days of harvest. •Do not apply more than 0.36 lb ai (2.88 pints) per acre per season. <sup>1</sup> For control of first and second instar only. <sup>2</sup> Suppression only. <sup>3</sup> See resistance statement under General Directions for Use.
	Tobacco Budworm <sup>2</sup>			
	Tomato Pinworm			
	Beet Armyworm <sup>1,3</sup>			
	Southern Armyworm <sup>1</sup>			
	Yellow-striped Armyworm <sup>1</sup>			
	Fall Armyworm <sup>1</sup>			
	European Corn Borer			
	Leafminer Spp. <sup>2</sup>			
	Colorado Potato Beetle <sup>2</sup>			
	Flea Beetle Spp.			
	Grasshopper Spp.			
	Leafhopper Spp.			
Aphid Spp. <sup>2,3</sup>				
Whitefly Spp. <sup>2,3</sup>				
Meadow Spittlebug				
Stink Bug Spp.				
Plant Bug Spp.				

Crop	Target Pests	Rate		Remarks
		lb ai/A	fl oz/A	
Wheat, Wheat Hay, and Triticale	Cutworm Spp. Army Cutworm	0.015-0.025	1.92-3.20	<ul style="list-style-type: none"> <li>*Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>*Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>*For chinch bug control, repeat applications at 3- to 5-day intervals if needed. WARRIOR Insecticide may only suppress heavy infestations and/or migrations.</li> <li>*Greenbug is known to have many biotypes. WARRIOR Insecticide may provide suppression only. In this situation, a second application using an alternative chemistry may be needed.</li> <li>*Do not apply within 30 days of harvest.</li> <li>*Do not apply more than 0.06 lb ai (0.48 pints) per acre per season.</li> <li><sup>1</sup>Best control is obtained before insects begin to roll leaves. Once wheat has started to boot, WARRIOR Insecticide may provide suppression only. Higher rates and increased coverage will be necessary.</li> <li><sup>2</sup>See resistance statement under General Directions for Use.</li> </ul>
	Armyworm Fall Armyworm Yellow-striped Armyworm Flea Beetle Spp. Cereal Leaf Beetle Stink Bug Spp. English Grain Aphid <sup>1</sup> Russian Wheat Aphid <sup>1</sup> Bird Cherry-Oat Aphid <sup>1</sup> Grasshopper Spp.	0.02-0.03	2.56-3.84	
	Grass Sawfly	0.025-0.03	3.20-3.84	
	Chinch Bug Greenbug <sup>1,2</sup>	0.03	3.84	

**RATE CONVERSION CHART**

<b>LB AI PER ACRE</b>	<b>FL OZ PER ACRE</b>	<b>PINTS PER ACRE</b>	<b>TREATED ACRES PER GALLON</b>
0.015	1.92	0.12	86
0.02	2.56	0.16	50
0.025	3.20	0.20	40
0.03	3.84	0.24	33
0.04	5.12	0.32	25

**SHAKE WELL BEFORE USING**

<p align="center"><b>RESTRICTED USE PESTICIDE</b>  <b>Due to Toxicity to Fish and Aquatic Organisms</b>  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.</p>
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**ZENECA** Ag Products



**ACTIVE INGREDIENT:**

Lambda-cyhalothrin  
[1α(S\*),3α(Z)]-(±)-cyano-β-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate ..... 11.4%

**INERT INGREDIENTS:** ..... 88.6%

**TOTAL** ..... 100.0%

WARRIOR\* Insecticide contains 1 pound of active ingredient per gallon and is a capsule suspension.

EPA Reg. No. 10182-434

**KEEP OUT OF REACH OF CHILDREN**

**WARNING—AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**See attached booklet for  
Statement of Practical Treatment  
and Precautionary Statements**

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EPA Reg. No. 10182-434

EPA Est. No. 10182-AR-1

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-4637).**  
**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

**MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS.** Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants • Chemical-resistant gloves, such as butyl laminate, butyl rubber, nitrile rubber or vinyl > 14 mils • Shoes plus socks • Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(a)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found in the attached booklet before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

**DIRECTIONS FOR USE**

**Restricted Use Pesticide**

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. This labeling must be in the possession of the user at the time of application.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage and disposal. **STORAGE:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. DO NOT ALLOW PRODUCT TO FREEZE.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

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Active Ingredient Made in USA; Formulated & Packaged in U.S.A.

**ZENECA Ag Products**

ZENECA Ag Products Inc.  
Wilmington, Delaware 19880-4400

Contents: 1 gal (3.79 L)



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