

SMARTLINE US84940356A (150915Av2) LABMC ENVIDOR CA 2.5 GAL US ETL -  
COLORS: CMYK 12/9/15

4.50"

7.50"

COPY AREA

**BAYER**

**envidor<sup>®</sup>**  
**CA**

Net  
Contents:

**2.5 Gallons**

GROUP 23 ACARICIDE

*For use on avocado, black sapote, canistel, citrus, grapes, hop, mango, mamey sapote, papaya, pome fruit, sapodilla, star apple, stone fruit, tree nuts, and Christmas tree plantations.*

**ACTIVE INGREDIENT:**  
Spirodiclofen: 3-(2, 4-dichlorophenyl)-  
2-oxo-1-oxaspiro [4.5] dec-3-en-4-yl 2, 2-dimethylbutanoate. . . . . **22.3%**  
**OTHER INGREDIENTS:** . . . . . **77.7%**  
**TOTAL: 100.0%**

ENVIDOR CA contains 2 pounds of Spirodiclofen per US gallon, or 240 grams per liter.

EPA Reg. No. 264-831

**STOP - Read the label before use**  
**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

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.)

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577  
For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

See Panel for First Aid Instructions and Booklet for Complete Precautionary Statements and Directions for Use.

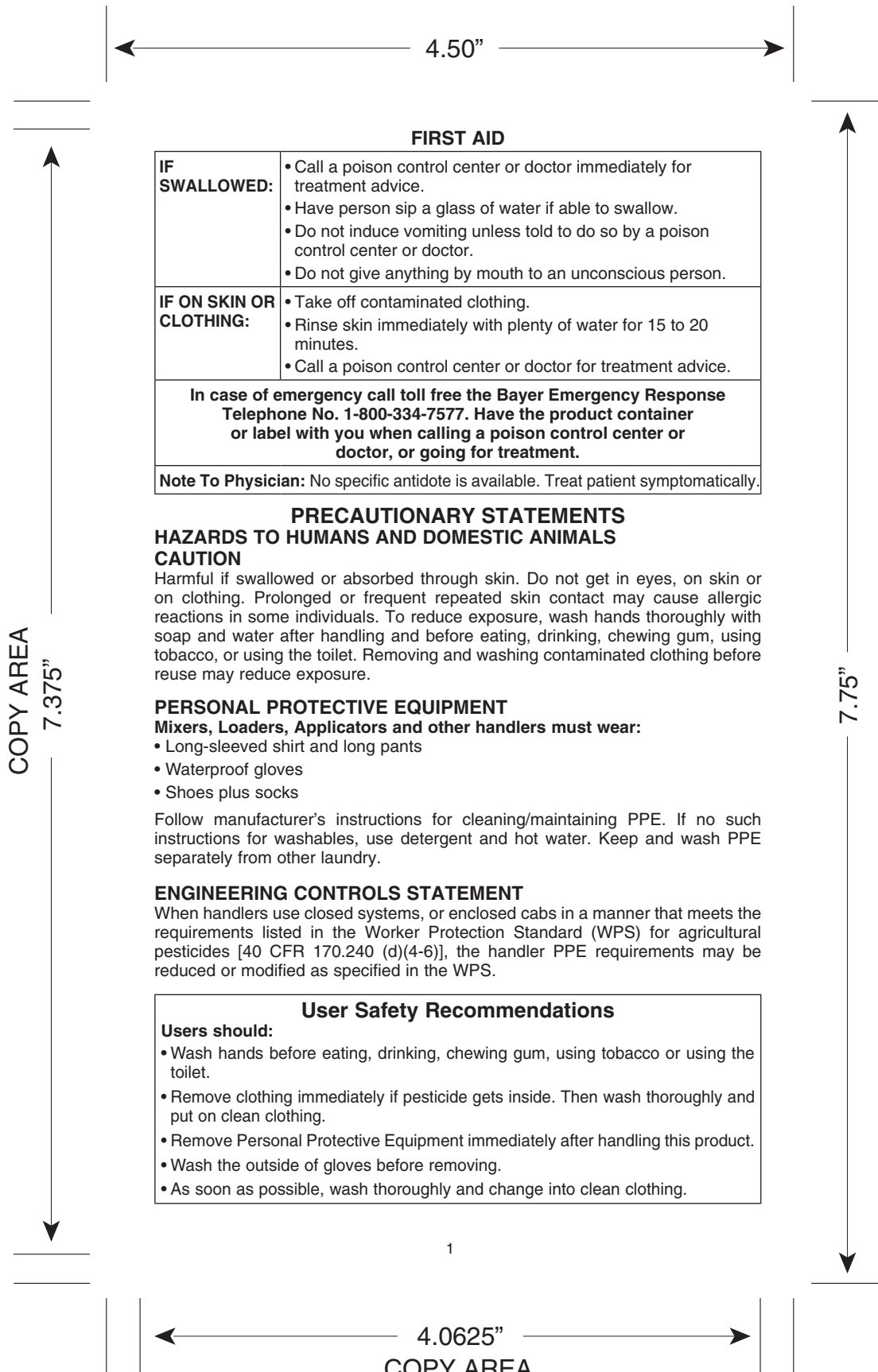
Produced for:  
Bayer CropScience LP  
800 N. Lindbergh Blvd.  
St. Louis, MO 63167  
ENVIDOR is a registered trademark of Bayer.  
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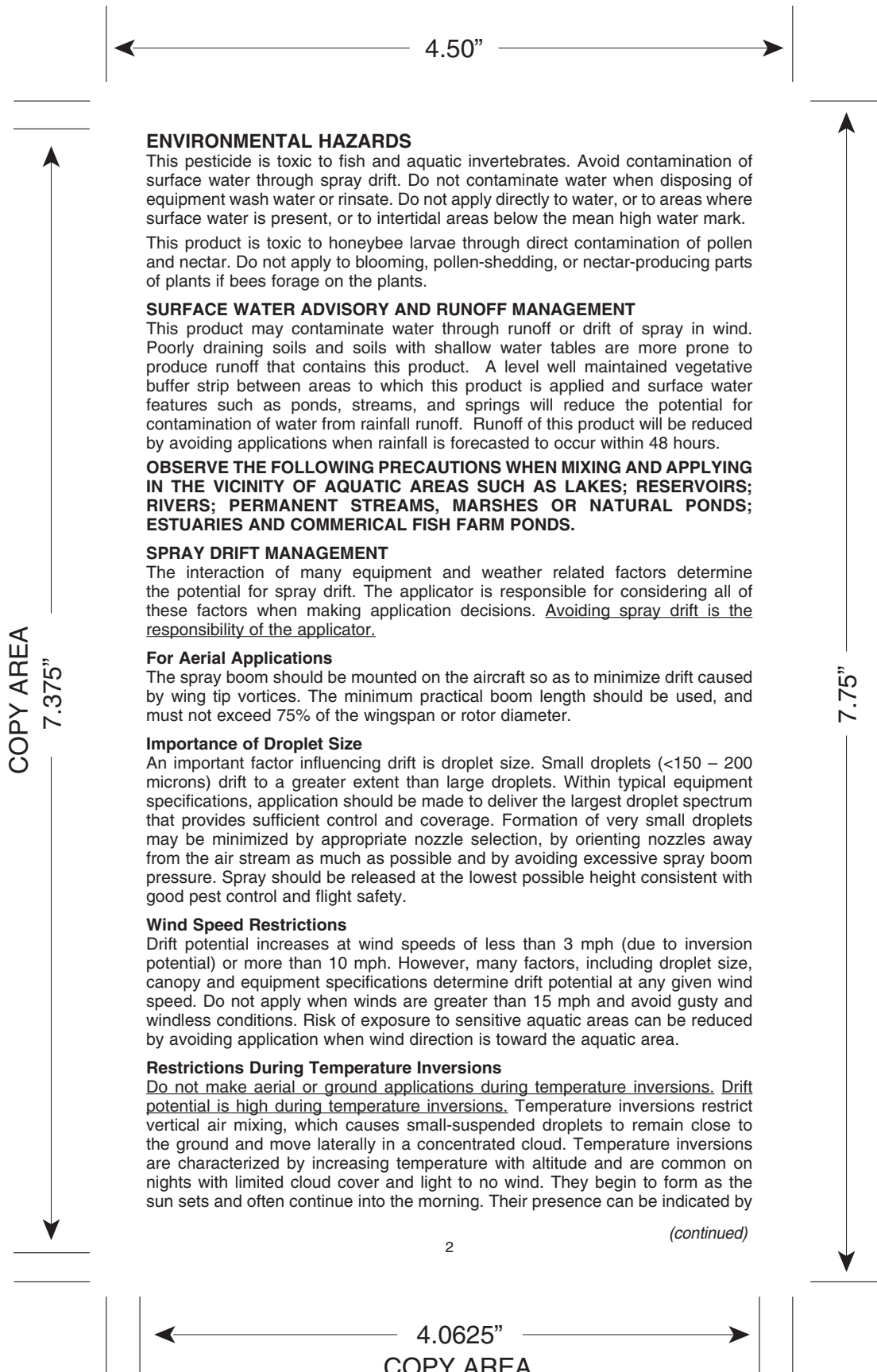
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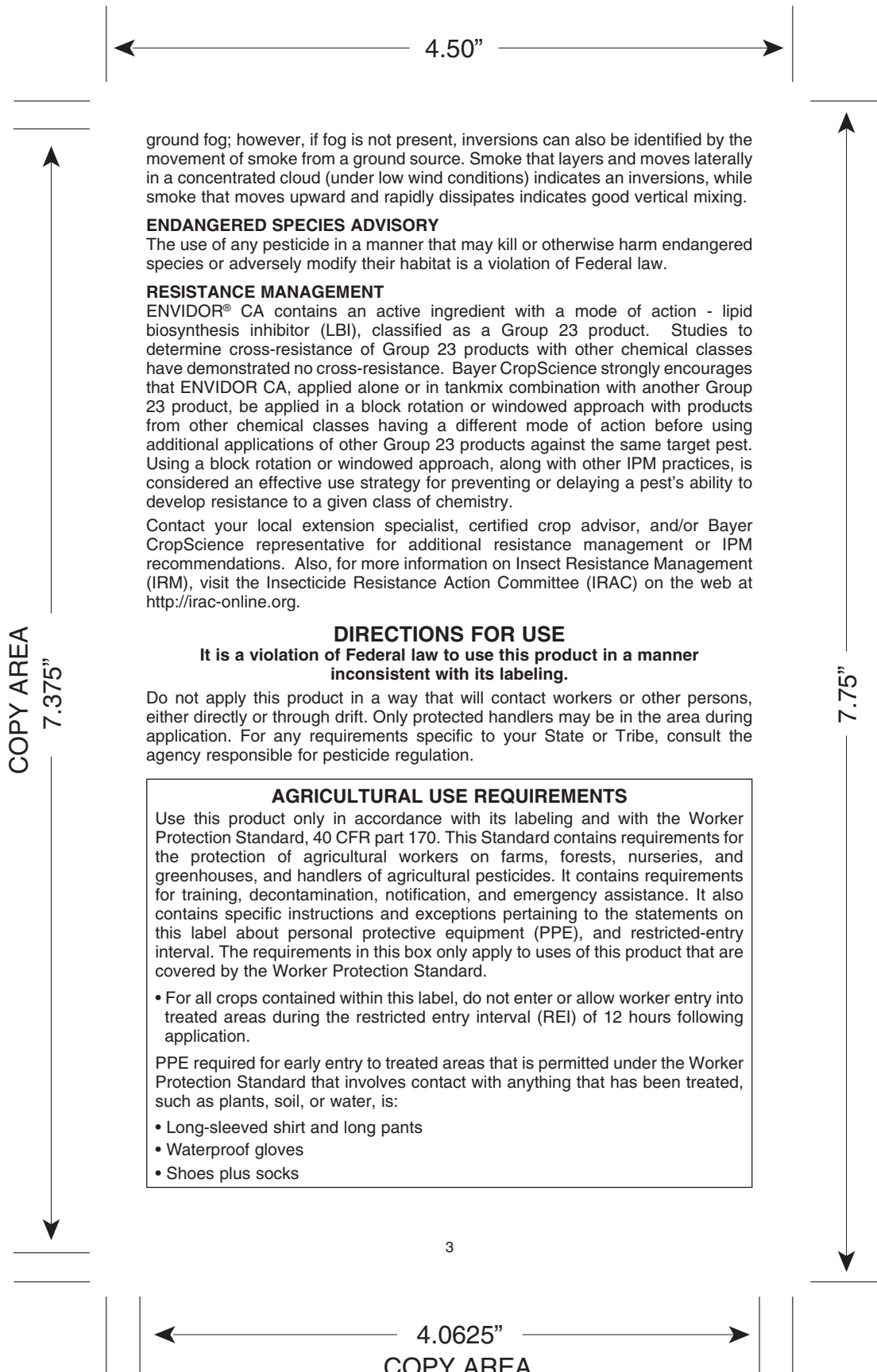
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4.25"

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7.375"

4.50"

**APPLICATION INSTRUCTIONS**

ENVIDOR CA is a Suspension Concentrate formulation and is active by contact on mite eggs, all nymphal stages, and adult females. Application must be made as a preventive treatment or timed to coincide with early threshold level in developing mite population. Apply ENVIDOR CA only through properly calibrated ground application equipment except where specified otherwise within crop-specific section. Thorough coverage of all plant parts is required for pest control. The presence of physical barriers including, but not limited to excessive dust, sun block agents, and/or sooty-mold can interfere with the binding of ENVIDOR CA to target plant parts and may require higher spray volumes to achieve penetration of these barriers.

**RESTRICTIONS**

- Do not apply ENVIDOR CA through any type of irrigation system;
- Do not apply ENVIDOR CA in enclosed structures such as greenhouses or plant houses.

**AIRBLAST (Air Assist) SPECIFIC INSTRUCTIONS**

Airblast sprayers carry droplets into the canopy of trees/vines via a radially, or laterally directed air stream. The following drift management practices must be followed:

- Adjust deflectors and aiming devices so that spray is only directed into the canopy;
- block off upward pointed nozzles when there is no overhanging canopy;
- use enough air volume to penetrate the canopy and provide good coverage;
- do not allow the spray to go beyond the edge of the cultivated area (i.e., turn off sprayer when turning at end rows);
- for applications to the outside rows, only spray inward, toward the orchard/grove.

**COMPATIBILITY / MIXING / ORDER-OF-MIXING**

ENVIDOR CA is physically and biologically compatible with many registered pesticides and fertilizers or micronutrients. When considering mixing ENVIDOR CA with other pesticides, or other additives, first contact your supplier for advice. For further information, contact your local Bayer representative. Conduct a physical compatibility test if supplier and Bayer representative have no experience with the combination you are considering. To determine physical compatibility, add the correct proportions of each chemical with the same proportion of water, as will be present in the chemical supply tank, into a suitable container, mix thoroughly and allow to stand for five minutes. If the combination remains mixed, or can be readily re-mixed, the mixture is considered physically compatible.

ENVIDOR CA may be used with other recommended pesticides, fertilizers and micronutrients. The proper mixing procedure for ENVIDOR CA alone or in tank mix combinations with other pesticides is:

- 1) Fill the spray tank 1/4 to 1/3 full with clean water;
- 2) while recirculating and with the agitator running, add any products in PVA bags (**See Note**). Allow time for thorough mixing;
- 3) continue to fill spray tank with water until 1/2 full;
- 4) add any other wettable powder (WP) or wettable granules (WG) products;
- 5) add the required amount of ENVIDOR CA, and any other "flowable" (FL or SC) type products;
- 6) allow enough time for thorough mixing of each product added to tank;
- 7) if applicable, add any remaining tank mix components: emulsifiable concentrates (EC), fertilizers and micronutrients.

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7.375"

4.50"

8) fill spray tank to desired level and maintain constant agitation to ensure uniformity of spray mixture.

**NOTE:** Do not use PVA packets in a tank mix with products that contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic that is not soluble in water or solvents.

### TREE FRUIT, TREE NUTS, GRAPE AND HOP

#### USE DIRECTIONS – ENVIDOR CA

Apply specified dosage of ENVIDOR CA as a dilute or concentrate spray early in the infestation as the population begins to develop or at early threshold for the target mite pest. Preventative applications are permitted where required for management of specific mite problems but generally require the higher dosage specified within the crop specific sections for optimal residual control. Evaluate performance no sooner than 7 days following application. Degree of control or suppression of additional labeled pests will be determined, in part, by the stage of pest development at application and infestation level of those pests.

Application rates specified within this label are based on full-size mature trees and vines. Use higher rates for moderate to heavy mite pressure or where longer residual control is desired. Lower rates are generally adequate on smaller trees/vines, or for low to moderate mite pressure but require careful scouting and will generally provide shorter residual control than higher rates. Apply adequate spray volume to ensure thorough and uniform coverage of target plant parts.

### AVOCADO, BLACK SAPOTE, CANISTEL, MAMEY SAPOTE, MANGO, PAPAYA, SAPODILLA, STAR APPLE

Pests Controlled	Rate	
	fluid ounces/Acre	lb a.i./Acre
Avocado brown mite	20.0	0.31
Avocado red mite		
Broad mite		
Carmine spider mite		
Citrus red mite		
Flat mite, black and red		
Mango spider mite		
Papaya leaf edgeroller mite		
Persea mite		
Sixspotted mite		
Texas citrus mite		
Twospotted spider mite		

#### Restrictions

Pre-Harvest Interval (PHI): 2 days

Maximum ENVIDOR CA allowed per crop season: 20.0 fluid ounces (0.31 lb a.i./Acre).

Maximum number of applications per crop season: 1

Minimum application volumes: 50 GPA – ground, 50 GPA – aerial (avocado only).

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**CITRUS**

**Crops of Crop Group 10:** Orange (sweet and sour), Grapefruit, Lemon, Lime, Calamondin, Citrus citron, Citrus hybrids (includes chironja, tangelo, and tangor), Kumquat, Mandarin (tangerine), Pummelo, Satsuma mandarin

Pests Controlled	Rate	
	fluid ounces/Acre	lb a.i./Acre
Broad mite Citrus flat mite (false spider mite) Citrus red mite Citrus rust mite (silver mite) Pink citrus rust mite Sixspotted mite Texas citrus mite Twospotted spider mite Yuma spider mite	20.0	0.33

**Restrictions**

Pre-Harvest Interval (PHI): 7 days

Maximum ENVIDOR CA allowed per crop season: 20.0 fluid ounces (0.33 lb a.i./Acre).

Maximum number of applications per crop season: 1

Minimum application volumes: 100 GPA by conventional ground airblast sprayer. If using high air velocity, low volume, or air curtain sprayers, utilize in no less than 30 GPA, insuring complete and uniform coverage of fruit and foliage.

For citrus (except lemon) in California, do not apply until petal fall is complete.

**GRAPE**

American bunch grape, muscadine grape, and Vinifera grape

Pests Controlled	Rate	
	fluid ounces/Acre	lb a.i./Acre
European red mite Grape erineum mite (blister mite) Pacific spider mite Twospotted spider mite Willamette spider mite	30.0 – 34.0	0.47 – 0.53

**Restrictions**

Pre-Harvest Interval (PHI): 14 days

Maximum ENVIDOR CA allowed per crop season: 34.0 fluid ounces (0.53 lb a.i./Acre).

Maximum number of applications per crop season: 1

Minimum application volume: 50 GPA – ground application only.

Use higher dosage when mite population density is extreme and environmental conditions favor continued, prolonged infestation pressure.

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7.75"





4.50"

**TREE NUTS**

**Crops of Crop Group 14:** Almond, Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory nut, Macadamia nut, Pecan, Pistachio, Walnut (black and English)

Pests Controlled	Rate	
	fluid ounces/Acre	lb a.i./Acre
Brown mite European red mite Pacific spider mite Twospotted spider mite	30.0 – 34.0	0.47 – 0.53

**Pest Suppressed**

San Jose scale	30.0 – 34.0	0.47 – 0.53
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**Restrictions**

Pre-Harvest Interval (PHI): 7 days

Maximum ENVIDOR CA allowed per crop season: 34.0 fluid ounces (0.53 lb a.i./Acre).

Maximum number of applications per crop season: 1

Minimum application volume: 100 GPA – ground application only.

Use higher dosage when mite population density is extreme and environmental conditions favor continued, prolonged infestation pressure.

**OTHER CROPS****USE DIRECTIONS – ENVIDOR CA**

Apply specified dosage of ENVIDOR CA as a dilute or concentrate spray early in the infestation as the population begins to develop or at early threshold for the target mite pest. Preventative applications are permitted where required for management of specific mite problems but generally require the higher dosage specified within the crop specific sections for optimal residual control. Evaluate performance no sooner than 7 days following application. Degree of control or suppression of additional labeled pests will be determined, in part, by the stage of pest development at application and infestation level of those pests.

Application rates specified within this label are based on full-size mature trees and vines. Use higher rates for moderate to heavy mite pressure or where longer residual control is desired. Lower rates are generally adequate on smaller trees/vines, or for low to moderate mite pressure but require careful scouting and will generally provide shorter residual control than higher rates. Apply adequate spray volume to ensure thorough and uniform coverage of target plant parts.

**CHRISTMAS TREE PLANTATIONS**

Pests Controlled	Rate	
	fluid ounces/Acre	lb a.i./Acre
Hemlock rust mite (Eriophyid rust mite, needle sheath mite) Spruce spider mite Twospotted spider mite	18.0 – 24.7	0.28 – 0.386

**Restrictions**

Maximum ENVIDOR CA allowed per crop per season: 24.7 fluid ounces (0.386 lb a.i./Acre)

Maximum number of applications per season: 1

Minimum application volumes: 20 GPA – ground, 10 GPA – aerial application

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**NAME OF MITE PESTS ON THIS LABEL**

<b>COMMON NAME</b>	<b>Scientific Name</b>
Apple rust mite	<i>Aculus schlechtendali</i>
Broad mite	<i>Polyphagotarsonemus latus</i>
Brown mite	<i>Bryobia rubrioculus</i>
Citrus flat mite (false spider mite)	<i>Brevipalpus lewisi</i>
Citrus red mite	<i>Panonychus citri</i>
Citrus rust mite (silver mite)	<i>Phyllocoptruta oleivora</i>
European red mite	<i>Panonychus ulmi</i>
Grape erineum mite (blister mite)	<i>Colomerus vitis</i>
Hemlock rust mite	<i>Nalepella tsugifoliae</i>
McDaniel spider mite	<i>Tetranychus mcdanieli</i>
Pacific spider mite	<i>Tetranychus pacificus</i>
Peach silver mite	<i>Aculus cornutus</i>
Pear rust mite	<i>Eptitrimerus pyri</i>
Pecan leaf scorch mite	<i>Eotetranychus hicoriae</i>
Pink citrus rust mite	<i>Aculops pelekassi</i>
Sixspotted mite	<i>Eotetranychus sexmaculatus</i>
Spruce spider mite	<i>Oligonychus ununguis</i>
Texas citrus mite	<i>Eutetranychus banksi</i>
Twospotted spider mite	<i>Tetranychus urticae</i>
Willamette mite	<i>Eotetranychus willametti</i>
Yuma spider mite	<i>Eotetranychus yumensis</i>
<b>NAME OF INSECT PESTS ON THIS LABEL</b>	
San Jose scale	<i>Quadraspidiotus perniciosus</i>

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE**

ENVIDOR CA is packaged in poly-ethylene containers. Do not allow product or containers to freeze. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Emergency Response Telephone No. is (800) 334-7577, or contact Chemtrec at (800) 424-9300.

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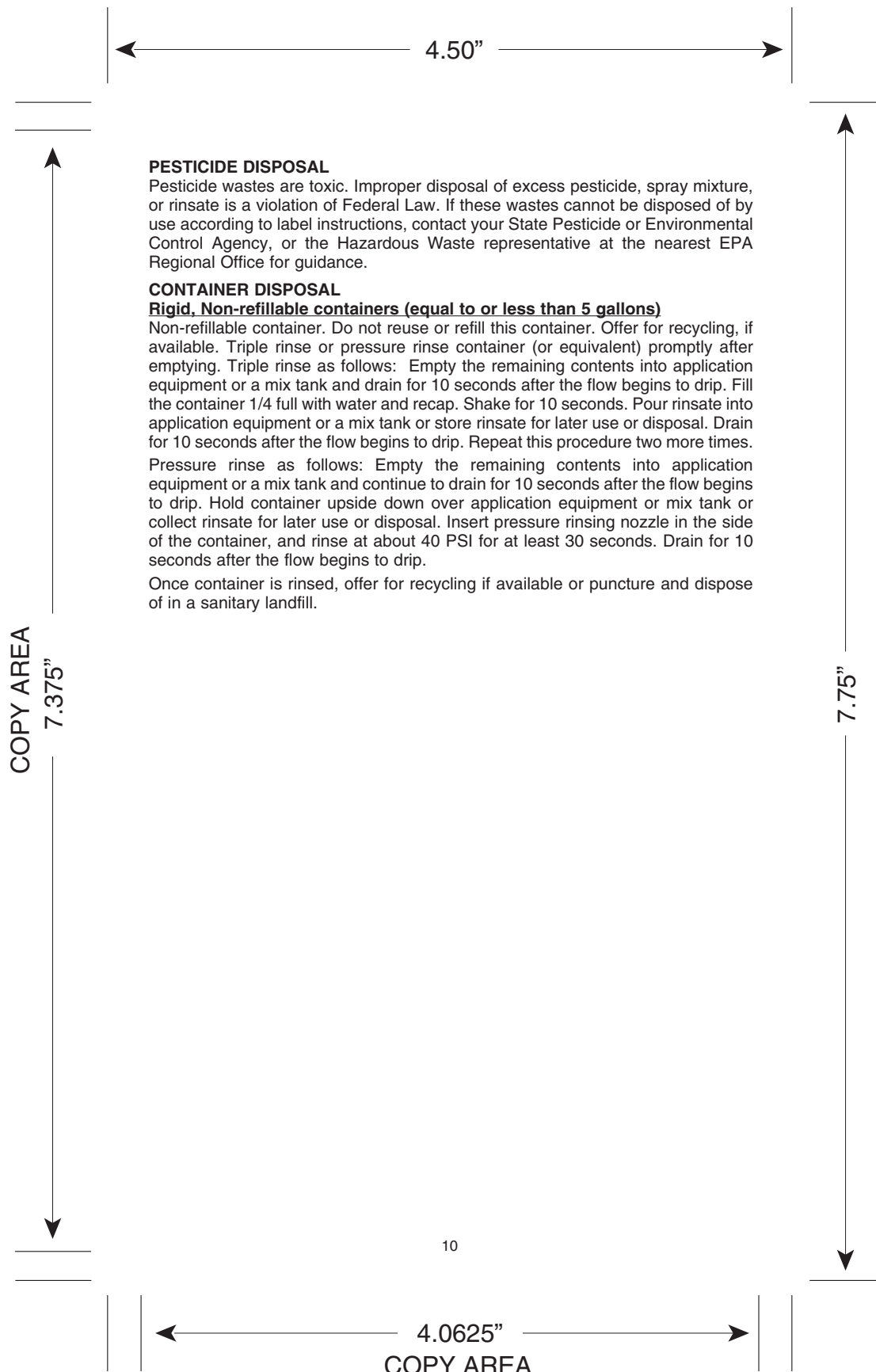
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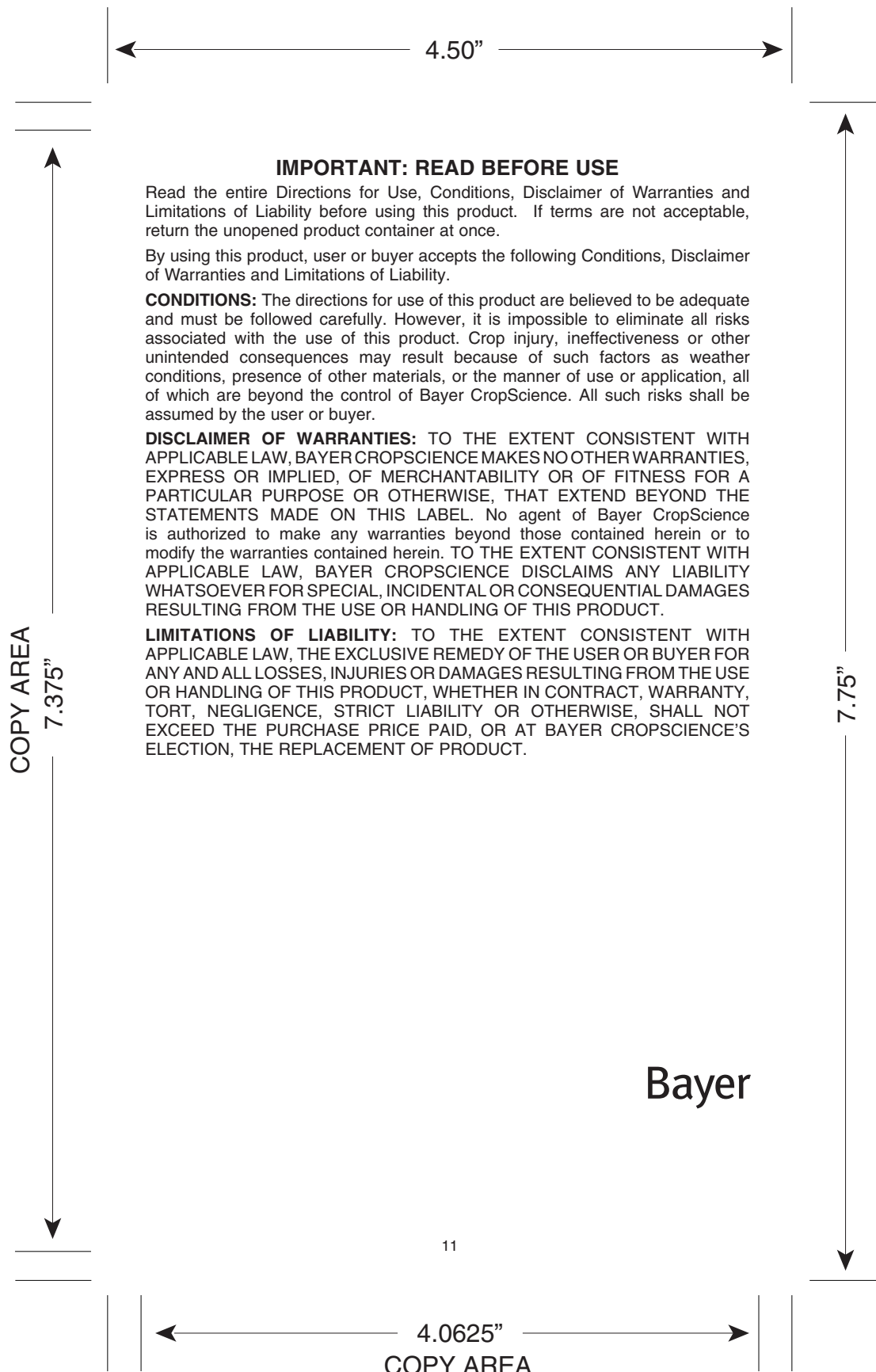
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7.375"

7.75"





# BASE LABEL

5.50"

## ENVIDOR® CA

GROUP 23 ACARICIDE

For use on avocado, black sapote, canistel, citrus, grapes, hop, mango, mamey sapote, papaya, pome fruit, sapodilla, star apple, stone fruit, tree nuts, and Christmas tree plantations.

### ACTIVE INGREDIENT:

Spirodiclofen: 3-(2, 4-dichlorophenyl)-2-oxo-1-oxaspiro [4.5] dec-3-en-4-yl 2, 2-dimethylbutanoate. . . . . 22.3%

OTHER INGREDIENTS: . . . . . 77.7%

ENVIDOR CA contains 2 pounds of Spirodiclofen per US gallon, or 240 grams per liter. TOTAL: 100.0%

EPA Reg. No. 264-831

## STOP - Read the label before use KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577  
For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

See Panel for First Aid Instructions and Booklet for Complete Precautionary Statements and Directions for Use.

### FIRST AID

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>In case of emergency call toll free the Bayer Emergency Response Telephone No. 1-800-334-7577. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p><b>Note To Physician:</b> No specific antidote is available. Treat patient symptomatically.</p>	

If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Emergency Response Telephone No. is (800) 334-7577, or contact Chemtrec at (800) 424-9300.

### PESTICIDE DISPOSAL

Pesticide wastes are toxic. 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

**Rigid, Non-refillable containers (equal to or less than 5 gallons)**

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill.

**Warning: This product contains Spirodiclofen, a chemical known to the State of California to cause cancer.**

Bayer CropScience LP  
800 N. Lindbergh Blvd.  
St. Louis, MO 63167  
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US84940356B 191107B 11/19

NET CONTENTS: 2 1/2 GALLONS

COPY AREA  
7.50"



7.75"

0.875"

4.125"

0.50"

COPY AREA