

10163-250

4/18/2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 18 2001

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Rebecca Lamas
Registration Specialist
Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

Subject: Amendment: Revised Labels for Use on Plums, Pistachios,
Treenuts, Mint and Caneberries
Savey 50WP
Savey 50 DF
EPA Registration Nos. 10163-208, 10163-250
Your submission dated March 29, 2001

Dear Ms. Lamas:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable, subject to the conditions specified in the pre-acceptance response dated April 18, 2001. Stamped copies of the labels are enclosed for your records. If you have any questions, please call Dr. William Sproat of my team at 703-308-8587.

Sincerely,

A handwritten signature in black ink, appearing to read "George T. LaRocca".

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

Enclosure

7505C
SPROAT
04/18/01

Savey® 50 DF

Ovicide/Miticide

WATER DISPERSIBLE GRANULE - FOR AGRICULTURAL USE ONLY

ACTIVE INGREDIENT: Hexythiazox	% By WL
<i>trans</i> -5-(4-Chlorophenyl)-N-cyclohexyl-4-methyl-2-oxothiazolidine-3-carboxamide	50.0%
OTHER INGREDIENTS	50.0%
	TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

FOR EMERGENCY MEDICAL RESPONSE AND HAZARD COMMUNICATIONS ONLY, CALL 1-800-228-5635 EXT. 283.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

May irritate eyes, nose, throat, and skin. Harmful if inhaled. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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.

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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or when disposing of equipment washwaters.

GENERAL INFORMATION

Savey Ovicide/Miticide is recommended for use as a foliar application in labeled crops. Savey Ovicide/Miticide provides effective control of major spider mite species. It is a 50% wettable powder formulation to be mixed with water and applied as a spray.

Savey Ovicide/Miticide controls mites through activity on eggs and immature stages. Control is achieved from either direct contact with the spray or from contact with treated plant surfaces. Through its ovicidal activity, Savey Ovicide/Miticide controls newly deposited mite eggs and eggs which are laid after application. Savey Ovicide/Miticide is also highly effective in controlling immature mite stages of target mite species that are sprayed or move onto treated surfaces. Adult mites are not directly affected. However, eggs produced by females in contact with treated surfaces will be rendered unviable. Savey Ovicide/Miticide provides extended residual control of pest mite species without disrupting beneficial insects and mites. The degree and duration of control is dependent on the rate used, growth stage of the mite, species of mite, and climatic conditions under which the material is applied.

NET CONTENTS 6 OZS.

ACCEPTED
with COMMENTS
in EPA Letter Dated



EPA Reg. No. 10163-250
EPA Est. No. 67545-AZ-1

APR 18 2001

Gowan Company
P. O. Box 5569
Yuma, AZ 85366-5569

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

10163-250

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Follow all directions on packaging any EPA-approved supplemental 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.

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 intervals. 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 12 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:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Chemigation Statement: Do not apply this product through any type of irrigation system.

Managing Mite Resistance: Repeated use of miticides with similar modes of action may lead to buildup of resistant strains of mites. For resistance management, apply Savey Ovicide/Miticide only once per year unless otherwise stated. To reduce the potential for developing mite resistance, do not apply a miticide with a similar mode of action more than once per year (Savey Ovicide/Miticide and Apollo® should not be applied to the same crop in any one year). If additional miticide applications are needed, use a product with a different mode of action, such as a contact adulticide. Read and follow product label before applying any miticide.

Mixing Directions: Continuous agitation is required to keep the product in suspension.

If this product is packaged in water-soluble bags, please read and observe the following directions for use:

- Packets containing Savey Ovicide/Miticide are water-soluble. Avoid exposing inner bags to moisture.
- Do not allow bags to become wet prior to adding to the spray tank.
- Do not handle inner bag with wet hands.
- Reseal outer bag in a manner that protects remaining packets from moisture.
- Turn on spray tank agitation prior to adding water-soluble packets.
- To prepare the spray mixture, drop the required number of unopened packets, as determined under **APPLICATION DIRECTIONS**, into the spray tank while filling with water to the desired level (whenever possible direct the fill water over the top of the packets to increase the rate of solubility). Where dosages of Savey Ovicide/Miticide are expressed as fractions of packets, prepare the tank mix load to the lower of the nearest whole packet.
- Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within approximately three to five minutes from the time they were added to the spray tank.
- Once the packets have completely dissolved, add other chemicals following conventional mixing order practices.
- Tank-mix solutions containing boron will affect the solubility of the water-soluble film. Thoroughly rinse the spray tank of any boron - containing spray solution prior to adding any water-soluble packets. When preparing tank mixes containing boron, add the correct amount of Savey Ovicide/Miticide to the spray tank first. Make sure that the water-soluble packets are completely dissolved. Add boron preparations to the spray tank last. High concentrations of boron may cause dissolved water soluble bag material to precipitate and form insoluble residue in the spray tank system.

If this product is **NOT** packaged in water-soluble bags, please read and observe the following directions for use:

- Turn on spray tank agitation. Pour recommended amount of this material on the surface of water in a nearly filled spray tank.
- Add balance of water to fill the tank.
- Keep agitator running during filling and spraying operations. Do not allow mixture to stand.

Compatibility: Savey Ovicide/Miticide is compatible with most agricultural chemicals. However, all possible combinations have not been evaluated. Before full-scale mixing of Savey Ovicide/Miticide with other products, test mix small proportionate quantities of each to ensure compatibility.

Application Information: Use sufficient spray volume to obtain thorough, uniform coverage of all plant surfaces. Apply using ground equipment only unless otherwise specified under the crop comments or on supplemental labeling supplied by Gowan Company.

Important: Savey Ovicide/Miticide is a 50% water dispersible granular formulation to be diluted with water for application in commercial plantings only. Do not use in home plantings.

Use Recommendations: For best results, apply Savey Ovicide/Miticide at first sign of mites before adult mite build up. Savey Ovicide/Miticide will not control adult spider mites. Use higher rates on moderate to high mite infestations, large trees with dense foliage, or for extended residual control. The lowest rate of Savey Ovicide/Miticide may be used in conjunction with other IPM strategies, or for shorter residual control later in the season. The use of less than label rates is not recommended since it will result in poor performance and contribute to resistance development. If adult mites are present in medium to high populations, better results may be obtained using Savey Ovicide/Miticide in combination with a registered contact adulticide. Savey Ovicide/Miticide may be tank mixed with horticultural grade oil. Refer to all precautions regarding phytotoxicity on the oil label.

Do not make more than one application of Savey Ovicide/Miticide per year unless otherwise stated.

PREHARVEST INTERVAL

The required days between the last application and harvest are given in () after each crop name.

APPLICATION DIRECTIONS			
CROP	PEST	RATE OZ/ACRE	COMMENTS
POME FRUITS GROUP Including, but not limited to: Apple, Crabapple, Loquat, Mayhaw, Pear, and Quince (28)	European red mite, Twospotted spider mite, McDaniel spider mite, Pacific spider mite, Willamette mite	3-6	For air applications, apply a minimum 5 gallons finished spray per acre.
	<ul style="list-style-type: none"> Do not make more than one application per year. For D'Anjou or Bosc pear varieties, use higher labeled rates (4-6 oz/acre). 		
CHRISTMAS TREES, CHRISTMAS TREE PLANTATIONS	Pacific Spider Mite, Spruce Spider Mite, Twospotted Spider Mite	3-6	For air applications, apply in 2-10 gallons finished spray per acre. For best coverage, apply in two opposing passes of 5 gallons each.
	<ul style="list-style-type: none"> Do not make more than one application per year. 		
NON-BEARING TREE FRUITS and NUTS, CITRUS, and VINES (FIELD GROWN AND NURSERY)	Citrus Red Mite, European Red Mite, Twospotted Spider Mite, McDaniel Spider Mite, Pacific Spider Mite, Sixspotted Mite, Texas Citrus Mite	3-6	For air applications, apply a minimum of 5 gallons finished spray per acre.
	<ul style="list-style-type: none"> Do not make more than one application per year. 		
STRAWBERRIES (3)	Twospotted spider mite	6	For air applications, apply a minimum of 5 gallons finished spray per acre.
	<ul style="list-style-type: none"> Do not make more than one application per year. Do not use in strawberry nurseries. 		
COTTON (35) (For use in California Only)	Twospotted spider mite, Pacific spider mite, Strawberry spider mite, Carmine spider mite	3-5	For air applications, apply a minimum of 5 gallons finished spray per acre.
	<ul style="list-style-type: none"> Do not make more than one application per year. 		
HOPS (See Text for PHI)	Twospotted spider mite	4-6	Apply Savey Ovicide/Miticide up to burr formation in hop vines. For air applications, apply a minimum of 5 gallons finished spray per acre.
	<ul style="list-style-type: none"> Do not make more than one application per growing season. 		
PEPPERMINT, SPEARMINT (Pacific Northwest only) (30)	Twospotted spider mite	3-5	For air applications, apply a minimum of 5 gallons finished spray per acre.
	<ul style="list-style-type: none"> Do not make more than one application per year. 		
STONE FRUITS GROUP (including Plums): Including but not limited to: Apricots, Cherries (sweet & tart), Nectarines, Peaches, Plums, Plumcots, and Prunes (28)	European red mite, Twospotted spider mite, McDaniel spider mite, Strawberry spider mite, Pacific spider mite, Pecan leaf scorch mite, Willamette mite	3-6	For air applications, apply a minimum of 5 gallons finished spray per acre.
	<ul style="list-style-type: none"> Do not make more than one application per year. 		
TREE NUTS GROUP AND PISTACHIOS: Including but not limited to: Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Pecan, Pistachios, and Walnut (black and English) (28)	European red mite, Twospotted spider mite, McDaniel spider mite, Strawberry spider mite, Pacific spider mite, Pecan leaf scorch mite, Willamette mite, Citrus Red Mite	3-6	For air applications, apply a minimum of 5 gallons finished spray per acre.
	<ul style="list-style-type: none"> Do not make more than one application per year. 		
CANEBERRIES INCLUDING, BUT NOT LIMITED TO: BLACKBERRY, LOGANBERRY, RED AND BLACK RASPBERRY, and cultivars and hybrids of these (Including, but not limited to: bingleberries, black satin berries, boysenberries, Cherokee blackberries, Chesterberries, Cheyenne blackberries, coryberries, darrowberries, dewberries, Dirksen thornless berries, Himalayaberries, hullberries, Lavacaberries, lowberries, Lucretiaberries, mammoth blackberries, marionberries, nectarberries, olallieberries, Oregon evergreen berries, phenomenalberries, rangerberries, ravenberries, rossberries, Shawnee blackberries, and varieties and/or hybrids of these) (3)	Twospotted Spider Mite; McDaniel Spider Mite; Yellow Spider Mite; Pacific Mite	4-6	For air applications, apply a minimum of 5 gallons finished spray per acre.
	<ul style="list-style-type: none"> Do not make more than one application per year. Applications may be made post harvest. 		

RESTRICTIONS ON ALL CROPS

- Do not graze or feed livestock on cover crops growing in treated areas.
- Do not use water from treated orchards for irrigating other crops.
- Do not plant rotational crops other than those on this label within 120 days of application.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

STORAGE: Store product in original container only, away from other pesticides, fertilizers, food or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC® (800) 424-9300.
For other product information, contact Gowan Company or see Material Safety Data Sheet.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

Savey® Ovicide/Miticide is a registered trademark of Nippon Soda Company, Ltd.
Apollo® is a registered trademark of another Company

PRINTING ON WATER SOLUBLE BAG:

Savey 50 DF Ovicide/Miticide

EPA Reg. No. 10163-250

Contains 50% hexythiazox

CAUTION

KEEP OUT OF REACH OF CHILDREN

Refer to outer bag for instructions