

10163-250

1/29/2015

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 29, 2015

Ms Kyla S. Smith
Registration Specialist
Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

Subject: Label Amendment – Directions for Use Revisions
Product Name: Savey® 50 DF Ovicide/Miticide
EPA Registration Number: 10163-250
Application Date: April 17, 2014
Decision Number: 491898

Dear Ms Smith:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Olga Odiott by phone at 703-308-9369, or via email at odiott.olga@epa.gov.

Sincerely,



Richard Gebken
Product Manager 10
Invertebrate & Vertebrate Branch 2
Office of Pesticide Programs

Enclosure

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ACCEPTED
01/29/2015
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 10163-250

Savey® 50 DF

Ovicide/Miticide

WATER DISPERSIBLE GRANULE - FOR AGRICULTURAL USE ONLY

ACTIVE INGREDIENT: Hexythiazox	% By Wt.
<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 swallowed	<ul style="list-style-type: none"> • 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 on skin or clothing	<ul style="list-style-type: none"> • 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 inhaled	<ul style="list-style-type: none"> • 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 a poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin, inhaled, or swallowed. Avoid contact with eyes, skin or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. 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: <ul style="list-style-type: none"> • 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.

NET CONTENTS _____ OZS.



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

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

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GENERAL INFORMATION

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

Savey DF 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 DF controls newly deposited mite eggs and eggs which are laid after application. Savey DF is also highly effective in controlling immature motile 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 DF provides residual control of pest mite species. 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.

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 and 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:

- Coveralls
- 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 DF 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 DF 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 DF 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 DF 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 DF 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 DF is compatible with most agricultural chemicals. However, all possible combinations have not been evaluated. Before full-scale mixing of Savey DF 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 DF 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 DF at first sign of mites before adult mite build up. Savey DF 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 DF 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 DF in combination with a registered contact adulticide. Savey DF 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 DF or any other Hexythiazox product to the same crop 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
CANEBERRY SUBGROUP 13-07A : Blackberry; loganberry; raspberry, black and red; wild raspberry; cultivars, 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. 		
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. 		
CITRUS (28) (CA, AZ and TX ONLY)	Tetranychid Mites (such as European Red Mite and Twospotted Spider mite)	3-6	For application by ground equipment only. Use sufficient volume of water to obtain complete coverage but not less than 20 gallons per acre.
	<ul style="list-style-type: none"> Do not make more than 1 application per year. Do not apply more than 6 ounces per acre per year. 		
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. 		
DATES (90)	Banks Grass Mite	6	Apply at first signs of egg deposition, but no later than first observation of mite webbing on dates. Apply by ground sprayer directing spray toward bunches and on crown and fronds 3 feet above and below date bunches. Use volume and pressure to assure thorough uniform coverage of all dates.
	<ul style="list-style-type: none"> Do not apply more than a total of 6 ozs. formulated product per acre per year. Do not make more than one application per year. 		
GRAPES (28)	Tetranychid Mites (such as European Red Mite and Twospotted Spider mite)	3-6	For application by ground equipment only. Use sufficient volume of water to obtain complete coverage but not less than 20 gallons per acre.
	<ul style="list-style-type: none"> Do not make more than 1 application per year. Do not apply more than 6 ounces per acre per year. 		
HOPS (APPLY UP TO BURR FORMATION)	Twospotted spider mite	4-6	Apply Savey DF 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 		
NON-BEARING TREE FRUITS and NUTS, CITRUS, and VINES (FIELD GROWN AND NURSERY) <i>Non-bearing crops are perennial crops that will not produce a harvestable raw agricultural commodity during the season of application</i>	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. 		
POME FRUITS GROUP 11-10: Apple; azarole; crabapple; loquat; mayhaw; medlar; pear; pear, Asian; quince; quince, Chinese; quince, Japanese; tejocote; cultivars, varieties, and/or hybrids of these (28)	European red mite, Twospotted spider mite, McDaniel spider mite, Pacific spider mite, Willamette mite	3-6	For air applications, apply a minimum 10 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). 		

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STONE FRUITS GROUP 12: Apricot; cherry, sweet; cherry, tart; nectarine; peach; plum; plum, Chickasaw; plum, Damson; plum, Japanese; plumcot; prune (fresh) (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.
• Do not make more than one application per year.			
LOW GROWING BERRY SUBGROUP 13-07G: Bearberry; bilberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; strawberry; cultivars, varieties, and/or hybrids of these (3)	Twospotted spider mite	6	For air applications, apply a minimum of 5 gallons finished spray per acre.
• Do not make more than one application per year. • Do not use in strawberry nurseries.			
TREE NUTS GROUP 14 AND PISTACHIOS: Almond; beechnut; Brazil nut; butternut; cashew; chestnut; chinquapin; filbert (hazelnut); hickory nut; macadamia nut; pecan; pistachios, 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.
• Do not make more than one application per year.			

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.
- Do not make more than one application of Savey DF or any other Hexythiazox product to the same crop per year.

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: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container 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 ¼ 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. After cleaning, if recycling is not available, 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 OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our directions for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Gowan Company. All such risks shall be assumed by the Buyer and User.

Gowan Company warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GOWAN COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GOWAN COMPANY'S EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, OR ANY OTHER LEGAL THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT GOWAN COMPANY'S SOLE DISCRETION.

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