

10163-253

4/13/2011

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

APR 13 2011

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

Subject: Label Amendment – Add Field Corn Use

EPA Registration No. 10163-253
Savey® 2E Ovicide/Miticide
Your submission dated December 6, 2010

Dear Ms Smith:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy of the label is enclosed for your records. Two (2) copies of the final printed labeling must be submitted prior to releasing the product for shipment.

If you have questions regarding this action, please contact Olga Odiott at (703) 308-9369.

Sincerely,

Mark Suarez
Product Manager 13
Insecticide Branch
Registration Division (7505P)

Enclosure

2016

Savey[®] 2E

Ovicide/Miticide

EMULSIFIABLE CONCENTRATE FOR AGRICULTURAL USE ONLY

ACTIVE INGREDIENT: Hexythiazox	% By Wt.
<i>trans</i> -5-(4-Chlorophenyl)-N-cyclohexyl-4-methyl-2-oxothiazolidine-3-carboxamide.....	24.2%
OTHER INGREDIENTS	75.8%
	TOTAL 100%

Savey 2E contains 2 lbs. active ingredient per gallon

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. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
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 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. • 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.	
NOTE TO PHYSICIAN	
May pose an aspiration pneumonia hazard. Contains petroleum distillate.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid breathing vapor 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.

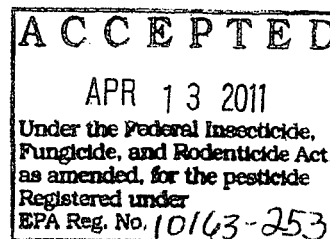
PERSONAL PROTECTIVE EQUIPMENT (PPE)

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.

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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.

PHYSICAL OR CHEMICAL HAZARDS

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

GENERAL INFORMATION

Savey 2E Ovicide/Miticide is recommended for use as a foliar application in labeled crops. Savey 2E Ovicide/Miticide provides effective control of major spider mite species. It is an emulsifiable concentrate to be mixed with water and applied as a spray.

Savey 2E 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 2E controls newly deposited mite eggs and eggs which are laid after application. Savey 2E 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 nonviable. Savey 2E 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.

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 the EPA approved label and any 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

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 2E only once per year. 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 2E 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: If this product is packaged in water-soluble bags, please read and observe the following directions for use:

- Packets containing Savey 2E 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 to meet desired ounces, 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 2E 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 2E 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 2E is compatible with most agricultural chemicals. However, all possible combinations have not been evaluated. Before full-scale mixing of Savey 2E with other products, test mix small proportionate quantities of each to ensure compatibility.

Phytotoxicity: As is common with most emulsifiable concentrate formulations, adverse effects such as spotting or discoloration of the treated surfaces can occur. Some conditions known to contribute to phytotoxicity include, but are not limited to, high temperatures, poor spray drying conditions, excessive spray deposit or run-off, certain spray mixtures, stage of crop development or tank mixes with other pesticides.

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 2E Miticide is a 2 pound active ingredient per gallon emulsifiable concentrate 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 2E Miticide at first sign of mites before adult mite build up. Savey 2E 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 2E 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 2E Miticide in combination with a registered contact adulticide. Savey 2E 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 2E Miticide per year.

PREHARVEST INTERVAL

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

APPLICATION DIRECTIONS

CROP	PEST	RATE OZS./ACRE	COMMENTS
COTTON (35) (For use in California Only)	Twospotted spider mite, Pacific spider mite, Strawberry spider mite, Carmine spider mite	6-10	Apply Savey 2E before boll opening and prior to adult mite buildup. Complete coverage of foliage is essential to optimal performance. (For air applications, use recommended per acre rate and apply a minimum of 2 gallons of finished spray per acre.)
<ul style="list-style-type: none"> Do not apply more than a total of 10 oz. formulated product per acre per year. Do not make more than one application per year. 			
TREE NUTS GROUP AND PISTACHIOS (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	8-12	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) (28)	European red mite, Twospotted spider mite, McDaniel spider mite, Strawberry spider mite, Pacific spider mite, Pecan leaf scorch mite, Willamette mite	6-12	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. 			
GRAPES (28)	Tetranychid Mites (such as European Red Mite and Two-spotted Spider Mite)	6-12	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 12 ounces per acre per year. 			
CITRUS (28) (CA, AZ and TX ONLY)	Tetranychid Mites (such as European Red Mite and Two-spotted Spider mite)	6-12	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 12 ounces per acre per year. 			
CORN, FIELD (45) (WESTERN US <u>ONLY</u> *)	Banks grass mite, Two spotted spider mite, Pacific spider mite, Strawberry spider mite	3 - 12	Apply Onager at the first sign of mites before populations begin to build. Ground Application: Apply the recommended rate of Onager by ground equipment at 15 – 20 GPA. Use a spray boom equipped to position one 16-inch boom drop extension per row, with two nozzles directed to spray up and under the crop canopy - one to the right and one to the left. Air Application: Apply the recommended rate of Onager by air in a minimum of 5 GPA. Applications made by air to dense foliage may not provide adequate coverage of lower leaf surfaces for sufficient control. Use of higher labeled rates may be necessary.
<ul style="list-style-type: none"> Do not apply more than a total of 12 oz. formulated product per acre per year. Do not make more than one application per year. Do not harvest field corn forage, stover, and grain for 45 days after application. Application after the VT crop growth stage is prohibited. *May only be applied in the Western US - west of the line defined as follows: TX: W of Rt. 283 and NW of Rt. 377 OK: W or Rt. 281/183 KS, NE, SD, ND: W of Rt. 281			
POME FRUIT GROUP (28)	European red mite, Twospotted spider mite, McDaniel spider mite, Pacific spider mite, Willamette mite	6-12	For application by ground equipment, use sufficient volume of water to obtain complete coverage but not less than 20 gallons per acre. For application by air, use sufficient volume of water to obtain complete coverage but not less than 10 gallons 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 (8-12 oz./acre). 			

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RESTRICTIONS ON ALL CROPS

- Do not graze or feed livestock on cover crops growing in treated areas.
- Do not use water from treated fields for irrigating other crops.
- Do not apply this product through any type of irrigation system.
- Savey 2E is an emulsifiable concentrate to be diluted with water for application in commercial plantings only.
- Apply Savey 2E prior to adult mite build up. Savey 2E will not control adult spider mites. Use higher rates on moderate to high mite infestations or for larger plants with a dense canopy. If adult mites are present in medium to high populations, better results may be obtained using Savey 2E in combination with a registered contact adulticide. The use of less than label rates is not recommended with Savey 2E.
- Do not make more than one application of Savey 2E Miticide or any other hexythiazox product, to the same crop per year.
- Do not plant rotational crops other than those on this label within 120 days of this application.

STORAGE AND DISPOSAL

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

PESTICIDE 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.

Mini-Bulk Containers: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. 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 recommendations 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**

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