

pmb

10163-208

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Savey® Ovicide/Miticide

50-WP

RECOMMENDED FOR AGRICULTURAL/COMMERCIAL USE

ACTIVE INGREDIENT: Hexythiazox

trans-5-(4-Chlorophenyl)-N-cyclohexyl-4-methyl-2-oxothiazolidine-3-carboxamide

% by wt.

INERT INGREDIENTS

50%

50%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN**CAUTION****STATEMENT OF PRACTICAL TREATMENT**

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

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

IF INHALED: Remove victim to fresh air. Apply artificial respiration if necessary.

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. Do not induce vomiting or give anything by mouth to an unconscious person.

IN CASE OF FIRE, SPILL, LEAKY OR DAMAGED CONTAINERS, OR OTHER EMERGENCY ASSISTANCE CALL CHEMTREC AT (800) 424-9300. For all other product information, contact Gowan Company or see Material Safety Data Sheet.

NOT FOR STORAGE IN OR AROUND THE HOME**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.**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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, 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 disposing of equipment washwaters.

GENERAL INFORMATIONSavey Ovicide/Miticide is recommended for use as a foliar application in pears, apples, Christmas trees, ornamental plants, non-bearing fruit and nut trees and vines growing in nurseries, and mature ornamental plantings (*except California*). Savey Ovicide/Miticide provides effective control of major tetranychid mite species. It is a 50% wettable powder formulation to be mixed with water and applied as a spray.

Savey is a highly active mite ovicide and larvicide. Control is achieved from either direct contact with the spray or from contact with treated plant surfaces. 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. Savey also affects adult female mites by rendering their eggs inviable.

NET CONTENTS 6 OZS.

ACCEPTED

MAR 19 1997

Gowan

P.O. BOX 5569

Yuma, AZ 85366-5569

EPA Reg. No. 10163-208

EPA Est. No. 67545-AZ-1

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 10163-208

DIRECTIONS FOR USE

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.

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.

(CROP USE DIRECTIONS)

Managing Mite Resistance: Repeated use of miticides with similar modes of action may lead to buildup of resistant strains of mites. For optimum resistance management practices, Gowan Company recommends that ovicides be applied only once per year. If Savey has been applied, do not apply Apollo® in the same year. If Apollo has been applied, do not apply Savey in the same year. If resistance to products with similar modes of action is recognized in the crop to be treated, it will be necessary to check for cross resistance to Savey prior to any application. 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.

Proper Mixing: Fill tank 1/2 full with water and with agitator running add proper amount of Savey. Finish adding the required amount of water. Continuous agitation is required to keep the product in suspension.

Compatibility: Before full-scale mixing of Savey with other products, test mix small proportionate quantities of each to ensure compatibility. Tests have shown Savey may be incompatible with some EC formulations. Addition of a compatibility agent may improve compatibility with those products.

Spray Volume: Ground Application: Use sufficient water to obtain thorough, uniform coverage.

Important: Savey is a 50% wettable powder to be diluted with water for application by ground equipment. Use only in commercial plantings; do not use in home plantings.

APPLICATION DIRECTIONS

Crop	Pest	Rate Oz./Acre	Comments
Apples	European red mite	3	Apply after dormancy is broken, but no later than the pink stage of flower bud development. The use of rates below 3 ozs. per acre is not recommended since it may result in poor performance and contribute to resistance development. Apply as a complete spray. The use of alternate-row-middle spraying for the Savey application is not recommended. Use one application per growing season. • Do not apply more than 3 ozs. of formulated product per acre in one growing season.
Pears	European red mite, Twospotted spider mite, McDaniel spider mite	3-6	With its activity being predominantly ovicidal/larvicidal, Savey should be applied after bloom but prior to adult mite build-up. If adult mites are present, apply Savey in combination with a registered contact adulticide. Apply the lower rates on low mite egg infestation levels and the higher rates on moderate to high mite egg infestation levels or to larger trees. Use one application per growing season. • Do not apply more than a total of 6 ozs. formulated product per acre in one growing season. • Do not apply within 28 days of harvest.
Christmas Trees, Christmas Tree Plantations	Pacific spider mite Spruce spider mite, Twospotted spider mite	3 - 6	The activity of Savey Ovicide/Miticide is predominantly ovicidal/larvicidal. The product should be applied prior to adult mite build-up. If adult mites are present in medium to high levels or if all life stages are present, apply Savey in combination with a registered contact adulticide. Thoroughly spray all plant surfaces for complete coverage. Apply in sufficient water to obtain thorough, uniform coverage. (For air applications, use recommended per acre rate, and apply a minimum of 2 gallons finished spray per acre.) • Do not make more than one application per year.

RESTRICTIONS

- Do not graze or feed livestock on cover crops growing in treated areas.
- Do not use water from treated orchards for irrigating other crops.

(ORNAMENTAL USE DIRECTIONS)

Managing Mite Resistance: Repeated use of miticides with similar modes of action may lead to buildup of resistant strains of mites. For optimum resistance management, apply Savey Ovicide/Miticide only once per crop cycle or no more than once per year. Do not apply if resistance to products with a similar mode of action is recognized in the crop. It may be necessary to check for cross resistance to Savey Ovicide/Miticide prior to application. If additional miticide applications are needed during a crop cycle, use a product with a different mode of action, such as a contact adulticide. Always read and follow the product label before applying any miticide.

Proper Timing: The activity of Savey Ovicide/Miticide is predominantly ovicidal/larvicidal. The product should be applied prior to adult mite buildup. Apply at first sign of egg deposit. If adult mites are present in medium to high populations or if all life stages are present, apply Savey Ovicide/Miticide in combination with a registered contact adult miticide.

Proper Mixing: Start with completely clean spray tank. If the spray tank was used for an application of an emulsifiable liquid formulation, make certain that all residues are cleaned from the spray tank, and that the tank, spray boom and all nozzles are thoroughly rinsed with clean water before adding Savey Ovicide/Miticide to the tank. Fill tank 1/2 full with water, and with agitator running add proper amount of Savey Ovicide/Miticide. Finish adding the required amount of water. Continuous agitation is required to keep the product in suspension.

Compatibility: Before full-scale mixing of Savey Ovicide/Miticide with other products, test mix small proportionate quantities of each product to ensure compatibility. Tests have shown that this product may be incompatible with some EC formulations. Addition of a compatibility agent may improve mixing with such products. Combination treatments with other products should be tested on a limited scale under local growing conditions and observed for 7-10 days before treating larger areas. (See Restrictions under Application Directions.)

Spreader-Sticker Recommendations: Spreader-sticker agents formulated specifically for ornamentals may be used in combination with Savey Ovicide/Miticide to enhance uniform wetting of upper and lower leaf surfaces and improve contact with the mite eggs. Unless previous experience has shown that desired tank-mix combinations will not injure plants, test each combination on a small number of plants before large scale treatment and observe for 7-10 days to reduce the possibility of injury.

Important: Use sufficient water to obtain thorough, uniform coverage. Spray all foliage surfaces including underside of leaves for complete coverage. Savey Ovicide/Miticide is a 50% wettable powder to be dispersed in water for application by conventional ground equipment.

Application Directions: Apply lower rates when mite egg infestation levels are low and higher rates on moderate to high mite egg infestation levels. Make only one application per crop cycle or once per year. This product is for use in commercial plantings. It is not intended for use in home plantings except by licensed commercial pesticide applicators.

Crop	Pest	Rate	Comments
Ornamental Plants & Nonbearing Trees & Vines Growing in Nurseries	Pacific spider mite, Southern red mite <u>(except California)</u> , Spruce spider mite, Strawberry spider mite, Twospotted spider mite, Willamette mite	1 -2 ozs. per 100 gals. or 4 -6 oz. per acre	Apply to outdoor ornamental plants such as flowers, bedding plants, foliage plants, container-grown and bare root nursery stock, and to non-bearing fruit, nut, and vine plants. Apply in sufficient water to obtain thorough uniform coverage. When using high-volume dilute sprays, do not exceed the maximum per acre rate. For concentrate equipment, use the recommended rate per acre.
Mature Ornamental Plantings <u>(except California)</u>			

Restrictions:

- Do not use Plyac® or household detergents in tank-mix combinations with Savey Ovicide/Miticide. Test have shown that these combinations may cause plant injury.
- Do not use this product on orchids.
- Do not graze or feed livestock on cover crops growing in treated areas. Do not use on crops used for feed or forage.
- Do not use water from treated areas for irrigating other crops.
- Do not use this product on crops grown in greenhouses.

Note: Prior to treating large numbers of plants or new species or varieties, treat a few plants and observe for 7-10 days to reduce the possibility of crop injury. Treat plants only after they have adjusted to changes in temperature, water, light intensity, new containers, new growing areas, transplanting, wind exposure or other changes in environment to reduce the possibility of injury. Treat plants which are not stressed by improper watering, temperature extremes, improper light, insects, diseases, nematodes or other factors in order to assure continued good vigor.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or 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.

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 is a registered trademark of Nippon Soda Company, Ltd.
Hexygon Ovicide/Miticide is a trademark of Gowan Company.