

FOR DISTRIBUTION AND USE ONLY IN THE STATE OF NEVADA
THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION
This label valid until December 31, 2022 or until otherwise amended, withdrawn, canceled or suspended
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	11.93%
OTHER INGREDIENTS	88.07%
	TOTAL 100.0%

Onager Optek contains 1.0 lb. active ingredient per gallon
Contains Petroleum Distillate

KEEP OUT OF REACH OF CHILDREN
CAUTION

- This labeling and the Federal Label for this product must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, and precautions on this Supplemental label and the main EPA-registered label. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

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.
Do not apply this product to fields when soil moisture is nearing, at or exceeding field capacity, and/or when a rain event likely to produce runoff from the treated field is forecasted by NOAA/NWS (National Weather Service), and will occur within 48 hours.

GENERAL INFORMATION

Onager Optek Miticide is recommended for use as a foliar application in labeled crops. Onager Optek Miticide provides effective control of major spider mite species. It is an emulsifiable concentrate to be mixed with water and applied as a spray.
Onager Optek 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, Onager Optek Miticide controls newly deposited mite eggs and eggs which are laid after application. Onager Optek Miticide 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 inviable. Onager Optek 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

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:

- 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 Onager Optik Miticide 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 (Onager Optik 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.

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

Phytotoxicity Statement: 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.

Chemigation Systems: Onager Optik may be applied through irrigation systems (chemigation) only on those crops listed under the crop Application Directions. Do not allow chemigation to run off field.

Types of Irrigation Systems: Apply Onager Optik only through sprinkler, including center pivot, lateral move, Low Energy Precision Applications (LEPA), end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply Onager Optik through any other type of irrigation system.

GENERAL DIRECTIONS FOR ALL RECOMMENDED TYPES OF IRRIGATION SYSTEMS

Uniform Water Distribution and System Calibration: The irrigation system must provide uniform distribution of treated water. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts. For best results apply at 100% input/travel speed, for center pivots or 0.10 inch (2.716 gallons) up to 0.15 inch (4,073 gallons) of water/A, for other systems. Higher labeled rates of Onager Optik may be necessary for chemigation applications.

Chemigation Monitoring: A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Drift: Do not apply when wind speed favors drift beyond the area intended for treatment.

Required System Safety Devices: The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump; such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Using Water from Public Water Systems: Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regular serves an average of at least 25 individuals daily at least 60 days out of the year. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Cleaning the Chemical Injection System: In order to accurately apply pesticides, the chemical injection system must be kept clean; free of chemical or fertilizer residues and sediments. Refer to your owner's manual or ask your equipment supplier for the cleaning procedure for your injection system.

Flushing the Irrigation System: At the end of the application period, allow time for all lines to flush the pesticide through all nozzles or emitters before turning off irrigation water. To ensure the lines are flushed and free of pesticides, a dye indicator may be injected into the lines to mark the end of the application period.

Equipment Area Contamination Prevention

It is recommended that nozzles in the immediate area of control panels, chemical supply tanks, pumps and system safety devices be plugged to prevent chemical contamination of these areas.

Center-Pivot and Automatic-Move Linear Systems: Inject the specified dosage per acre continuously for one complete revolution or move of the system. DO NOT USE END GUNS. The system should be run at maximum speed.

Solid Set and Manually Controlled Linear Systems: Injection should be during the last 30 to 60 minutes of regular irrigation period or as a separate 30 to 60 minute application not associated with a regular irrigation. DO NOT USE END GUNS.

Important: Onager Optik Miticide is an emulsifiable concentrate to be diluted with water for application in commercial plantings only.

Apply Onager Optik Miticide prior to adult mite build up. Onager Optik Miticide 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 Onager Optik Miticide in combination with a registered contact adulticide. The use of less than label rates is not recommended with Onager Optik Miticide.

APPLICATION DIRECTIONS

CROP	PEST	RATE OZS./ ACRE	COMMENTS
PEPPERMINT, SPEARMINT	Twospotted Spider Mite	12-20	Apply lower rates when mite infestation levels are low and higher rates on moderate to high mite infestation. Ground Application: Apply the recommended rate of Onager Optek by ground equipment at 15 – 20 GPA. Air Application: Apply the recommended rate of Onager Optek 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. Chemigation: see details under Chemigation Systems.
<ul style="list-style-type: none"> • Do not apply within 30 days of harvest. • Do not make more than one application per year. • Do not apply more than a total of 20 oz. formulated product per acre per year. • If Onager Optek Miticide is tank mixed with another product that may be hazardous to bees, the tank mix spray should not be applied when bees are actively visiting the treatment area. • Onager Optek may be applied by ground, air or by chemigation. 			

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

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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