

INSECTICIDE



HEXYTHIAZOX

GROUP

10A

ACARICIDE

PRONEVA DF

For agricultural use only.

Active Ingredient:

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

(% by weight)

50.0%

Other Ingredients

50.0%

Total

100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you **DO NOT** understand the label, find someone to explain it to you in detail.)

See inside label booklet for First Aid, Precautionary Statements and Directions for Use.

EPA Reg. No.: 89167-65-89391

NET WEIGHT: 12 oz



Distributed By:
INNICTIS® CROP CARE, LLC
1880 Fall River Drive, Suite 100
Loveland, CO 80538

063020RD073120

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 the 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 by mouth-to-mouth, if possible.
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.
<p align="center">HOTLINE NUMBER</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.</p>	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & 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 hands 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 exist, 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.

PHYSICAL OR CHEMICAL HAZARDS:

DO NOT mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

Product Information

PRONEVA DF is recommended for use as a foliar application in labeled crops. *PRONEVA 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.

PRONEVA 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, *PRONEVA DF* controls newly deposited mite eggs and eggs which are laid after application. *PRONEVA 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. *PRONEVA 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. Failure to follow the Directions For use and Precautions on this label may result in plant injury or poor disease control.

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 State or Tribal 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 *PRONEVA 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. If additional miticide applications are needed, use a product with a different mode of action, such as a contact acaricide. 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 *PRONEVA 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 *PRONEVA 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 *PRONEVA 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.
- It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

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

PRONEVA DF is compatible with most agricultural chemicals. However, all possible combinations have not been evaluated. Before full-scale mixing of *PRONEVA 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 instructions or labeling supplied by INNVCITIS CROP CARE, LLC.

IMPORTANT: *PRONEVA 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 *PRONEVA DF* at first sign of mites before adult mite build up. *PRONEVA 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 *PRONEVA 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 *PRONEVA DF* in combination with a registered contact adulticide. *PRONEVA 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 *PRONEVA DF* or any other Hexythiazox product to the same crop per year, unless otherwise stated.

CROP	PEST	RATE OZ/ACRE	INSTRUCTIONS
CANEBERRY SUBGROUP 13-07A: Blackberry; loganberry; raspberry, black and red; wild raspberry; cultivars, varieties, and/or hybrids of these.	Two-spotted 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.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT make more than 1 application per calendar year.• Applications may be made post harvest.• Preharvest interval (PHI) is 3 days.			
CHRISTMAS TREES, CHRISTMAS TREE PLANTATIONS	Pacific Spider Mite, Spruce Spider Mite, Two-spotted 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.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT make more than one application per year.			
CITRUS (CA, AZ, and TX ONLY)	Tetranychid Mites (such as European Red Mite and Two-spotted 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.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT make more than 1 application per calendar year.• DO NOT apply more than 6 ounces of formulated product per acre per calendar year.• Preharvest interval (PHI) is 28 days.			
COTTON	Two-spotted 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.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT make more than 1 application per calendar year.• Preharvest interval (PHI) is 35 days.			
DATES	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.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than a total of 6 ozs. of formulated product per acre per calendar year.• DO NOT make more than 1 application per calendar year.• Preharvest interval (PHI) is 90 days			
GRAPES	Tetranychid Mites (such as European Red Mite and Two-spotted 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.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than a total of 6 ozs. of formulated product per acre per calendar year.• DO NOT make more than 1 application per calendar year.• Preharvest interval (PHI) is 90 days			

CROP	PEST	RATE OZ/ACRE	INSTRUCTIONS
HOPS (APPLY UP TO BURR FORMATION) (Not for use in California)	Two-spotted spider mite	4 - 6	Apply <i>PRONEVA DF</i> up to burr formation in hop vines. For air applications, apply a minimum of 5 gallons finished spray per acre
RESTRICTIONS • DO NOT apply more than a total of 20 ozs. of formulated product per acre per calendar year.			
NON-BEARING TREE FRUITS and NUTS, CITRUS, and VINES (FIELD GROWN, NURSERY, GREENHOUSE, SHADEHOUSE) <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, Two-spotted Spider Mite, McDaniel Spider Mite, Pacific Spider Mite, Six-spotted Mite,	3 - 6	For air applications, apply a minimum of 5 gallons finished spray per acre.
RESTRICTIONS • DO NOT make more than 1 application per calendar year.			
POME FRUIT 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.	European red mite, Two-spotted spider mite, McDaniel spider mite, Pacific spider mite, Willamette mite	3 - 6	For air applications, apply a minimum 10 gallons finished spray per acre.
RESTRICTIONS • DO NOT make more than 1 application per calendar year. • For D'Anjou or Bosc pear varieties, use higher labeled rates (4-6 oz./acre). • Preharvest interval (PHI) is 28 days.			
STONE FRUITS GROUP 12: Apricot; cherry, sweet; cherry, tart; nectarine; peach; plum, Chickasaw; plum, Damson; plum, Japanese; plumcot; prune (fresh).	European red mite, Two-spotted 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.
RESTRICTIONS • DO NOT make more than 1 application per calendar year. • Preharvest interval (PHI) is 28 days.			
LOW GROWING BERRY SUBGROUP 13-07G: Bearberry; bilberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; strawberry; cultivars, varieties, and/or hybrids of these.	Two-spotted spider mite	6	For air applications, apply a minimum of 5 gallons finished spray per acre.
RESTRICTIONS • DO NOT make more than 1 application per calendar year. • DO NOT use in strawberry nurseries. • Preharvest interval (PHI) is 3 days.			
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.	European red mite, Two-spotted 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.
RESTRICTIONS • DO NOT make more than 1 application per calendar year. • Preharvest interval (PHI) is 28 days.			

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 listed on this label within 120 days of application.
- **DO NOT** make more than 1 application of *PRONEVA DF* or any other Hexythiozox product to the same crop per calendar year.

STORAGE AND DISPOSAL

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

STORAGE: Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals, and 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 rinse into application equipment or a mix tank or store rinse 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 other procedures approved by State and local authorities.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of INNVICTIS CROP CARE, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold INNVICTIS CROP CARE, LLC and Seller harmless for any claims relating to such factors.

INNVICTIS CROP CARE, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or INNVICTIS CROP CARE, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INNVICTIS CROP CARE, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither INNVICTIS CROP CARE, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF INNVICTIS CROP CARE, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF INNVICTIS CROP CARE, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

INNVICTIS CROP CARE, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of INNVICTIS CROP CARE, LLC.

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