

# MITE XSTREAM™

For control of mites, mold, and mildew on agricultural crops and ornamental plants.

Harnessing the Power of Water™

#### ACTIVE INGREDIENTS:

Geraniol (2-trans-3,7-Dimethyl-2,6-octadien-1-ol)...0.23%

Citronellol (3,7-Dimethyl-6-octen-1-ol).....0.21%

INERT INGREDIENTS.....99.66%

**TOTAL.....100.00%**

**KEEP OUT OF REACH OF CHILDREN**

#### **CAUTION**

See additional Precautionary Statements on side panel.

Net Weight: 8.7lbs/gal or 2.298 kg/L

Net Contents: 1 gal (3.78L) Batch Code: \_\_\_\_\_

EPA Reg. No.: 95366-1-99731

EPA Establishment No.: 10508-TX-001

Manufactured by: Black Bird Potentials Inc. 3505 Yucca Drive, Suite 104  
Flower Mound, Texas 75028 Telephone: 833-223-4204

## GENERAL INFORMATION

**MITEXSTREAM** is biochemical miticide that controls gray mold, powdery mildew, downy mildew and mites, *Eotetranychus* spp., *Tetranychus* spp. and *Panonychus* spp., including spider mite, two-spotted mites, pacific mite, willamette mite, citrus rust mite, broad mite and the European red mite. This product is ideal for mite control in integrated pest management (IPM). Use **MITEXSTREAM** alone or in rotation with other miticides.

### READ ALL DIRECTIONS FOR USE BEFORE APPLYING THIS PRODUCT.

#### 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 applications. 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 interval, and notification to workers.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. The REI is 72 hours in outdoor areas where average annual rainfall is less than 25 inches a year.

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 over long-sleeved shirt and long pants
- shoes plus socks
- protective eyewear (goggles, face shield or safety glasses)
- chemical-resistant gloves (made of waterproof material)

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children and pets out of the treated area until sprays have dried.

#### MIXING INSTRUCTIONS:

**MITEXSTREAM** has been found to be compatible with most commonly used pesticides and fertilizers. Test for compatibility before using this product in a tank mix with other pesticides or with fertilizers. To test for compatibility, mix a small amount of each product, in the proportions indicated in each product's instructions, in a small jar.

#### USE INSTRUCTIONS:

- Do not apply with surfactants.
- Do not apply this product through any type of irrigation system.

#### USE RECOMMENDATIONS:

- **MITEXSTREAM** has been evaluated for phytotoxicity on a wide range of crops and ornamentals. However, since testing on all varieties of all crops and ornamentals is not feasible, test a small portion of the area to be treated for phytotoxicity before treating the entire area. Further, all possible combinations or sequences of pesticide sprays, including fertilizers, surfactants, adjuvants and other pesticides, have not been tested, thus testing for phytotoxicity of spray mixtures is recommended.
- **MITEXSTREAM** is effective in all temperatures above freezing (32°F, 0°C)
- **MITEXSTREAM** is most effective on low to moderate infestations.

#### USE RATES:

Add **MITEXSTREAM** to an empty spray tank followed by water to the required amount. Stir/agitate the mixture thoroughly. Thorough mixing is necessary for uniform coverage. Apply **MITEXSTREAM** as soon mites are identified on the plants, or when conditions favor mite outbreaks and/or mold and mildew outbreaks.

CROPS	DILUTION RATE	SPRAY VOLUME (gallons per acre)
Hemp	1 fl. oz. / 1 Gal (1 Gal / 128 Gal)	0.5 – 2 Gal concentrate per acre at proper dilution rate
Hops	1 fl. oz. / 1 Gal (1 Gal / 128 Gal)	0.5 – 2 Gal concentrate per acre at proper dilution rate
Strawberries	1 fl. oz. / 1 Gal (1 Gal / 128 Gal)	0.5 – 2 Gal concentrate per acre at proper dilution rate
Coffee	1 fl. oz. / 1 Gal (1 Gal / 128 Gal)	0.5 – 2 Gal concentrate per acre at proper dilution rate
Soybeans	1 fl. oz. / 1 Gal (1 Gal / 128 Gal)	0.5 – 2 Gal concentrate per acre at proper dilution rate
Cucurbits: balsam apple, balsam pear, bitter melon, butternut squash, calabaza, cantaloupe, casaba, chayote, chinese cucumber, chinese waxgourd, citron melon, crenshaw melon, crookneck squash, cucumber, gherkin, edible gourd, golden pershaw melon, honeydew melon, honey balls, hubbard sqhash, mango melon, Persian melon, pineapple melon, pumpkin, Santa Claus melon, scallop squash, straightneck squash, snake melon, vegetable marrow, watermelon, zucchini	1 fl. oz. / 1 Gal (1 Gal / 128 Gal)	0.5 – 2 Gal concentrate per acre at proper dilution rate

CROPS	DILUTION RATE	SPRAY VOLUME (gallons per acre)
<b>Stone Fruit:</b> apricot, cherry (sweet or tart), nectarine, peach, plum, plumcot, prune (fresh)	1 fl. oz. / 1 Gal (1 Gal / 128 Gal)	0.5 – 2 Gal concentrate per acre at proper dilution rate
<b>Pome Fruit:</b> apple, crabapple, loquat, mayhaw, pear, quince	1 fl. oz. / 1 Gal (1 Gal / 128 Gal)	0.5 – 2 Gal concentrate per acre at proper dilution rate
<b>Ornamental Plants and Nursery Stock:</b> bareroot, container, bedding and flowering stock, field grown cut flowers, vegetable transplants, nursery and landscape plants	1 fl. oz. / 1 Gal (1 Gal / 128 Gal)	0.5 – 2 Gal concentrate per acre at proper dilution rate

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOTLINE NUMBER</b> <ul style="list-style-type: none"> <li>• Have product container or label with you when calling a poison control center or doctor or going for treatment.</li> <li>• For medical emergencies, call the poison control center at 1-800-222-1222.</li> <li>• For emergency information concerning this product, contact the National Pesticide Information Center (NPIC) at 800-858-7378, Monday through Friday, 8 AM to 12 PM PST or at <a href="http://npic.orst.edu">http://npic.orst.edu</a>.</li> </ul>	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers whom may be exposed to the dilute through application or other tasks must wear long-sleeved shirts and long pants, socks shoes and protective eyewear (goggles, face shield or safety glasses). Follow the 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:

- remove clothing/PPE 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 change into clean clothing

### ENVIRONMENTAL HAZARDS

For terrestrial uses: do not apply directly to water, or to areas where the surface water is present or to intertidal areas below the mean high water mark Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

**STORAGE:** Store in a cool place and out of direct sunlight.

**PESTICIDE DISPOSAL:** To avoid wastes, use all of the material in this container by application according to label directions. If waste cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Triple Rinse as follows: Fill container 1/4 full with water and recap. For 5 gallons or less guidelines: Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate. Repeat procedure two more times.

### WARRANTY STATEMENT

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing, unfavorable temperatures, water conditions, presence of other materials, method of application, weather, watering practices, nature of soil, disease, problems, condition of the crop incompatibility with other chemicals, pre-existing conditions and other conditions influencing the use of this product are beyond the control of the seller. To the extent consistent with applicable law, buyer assumes all risks associated with the use, storage and handling of this material not in strict accordance with the directions given herein.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.**