

10163-280

02/22/2007

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RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms. For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification.



Ultiflora™

Miticide

ACTIVE INGREDIENT: Milbemectin:

% By Wt.

[CAS No. 51596-10-2 and 51596-11-3]

1.0%

OTHER INGREDIENTS*

99.0%

TOTAL 100.0%

ACCEPTED

FEB 22 2007

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

10163-280

Contains 0.0775 lbs. Milbemectin per gallon
*This product contains xylene-range aromatic solvents.

STOP - READ THE LABEL BEFORE USE

**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.)

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 any liquid to the person. • Do not give anything by mouth to an unconscious person.
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.
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.
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	
NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia. Treat symptomatically.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl or nitrile rubber or Viton
- 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.

NET CONTENTS ___ **QUART**

EPA Reg. No. 10163-280
EPA Est. No. 67545-AZ-1

Gowan

Produced For:
Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

010163-00280.20070222.Ultiflora_Sent to EPA 2-22-07_incl. new FL restrictions.pdf

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, oysters and shrimp. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE
RESTRICTED USE PESTICIDE**

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.

IMPORTANT: Read the entire DIRECTIONS FOR USE and the LIMITED WARRANTY STATEMENT before using this product.

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. 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 over long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as barrier laminate, butyl or nitrile rubber or Viton
- Shoes plus socks

Do not apply this product through any type of irrigation system or using any type of aerial application equipment. Thorough coverage is essential for good mite control on crops.

Ultiflora is an emulsifiable concentrate containing 0.0775 lb. milbemectin per gallon which, when mixed with water and applied according to the DIRECTIONS FOR USE will control certain mite pests listed on this label. Ultiflora is a contact miticide having activity against mites at all developmental stages, including adults, and their eggs. In addition, Ultiflora has been shown to interfere with the subsequent production and viability of eggs laid by affected adults.

Prior to mixing, insure that all residues from previous pesticide applications have been thoroughly cleaned from the spray tank, and that the tank, hoses, spray boom and nozzles are thoroughly rinsed with clean water to remove all residues. Fill tank 1/3 full of water, and add proper amount of Ultiflora. Then add remaining amount of water and mix thoroughly. If foaming is noted, an anti-foam agent may be added.

Resistance Management: Because of the inherent risks of resistance development to any product, it is strongly advised that Ultiflora be used in a sound resistance management program that includes a rotation schedule with other miticides having different modes of action.

RECOMMENDATIONS

CROP	PEST	Rate	COMMENTS
Ornamental plantings grown in outdoor field nurseries such as flowers, bedding plants, foliage plants and nursery stock (including woody ornamentals or herbaceous plants); Non-bearing Fruit and nut trees, non-bearing citrus and vines (field grown and outdoor nursery)	spider mites (including two spotted and carmine), red mites (including citrus and European), broad mite, and rust mites (including pear) and Eriophyid Mites	8 – 16 fl. oz. per 100 gallons but no less than 32 fl. oz. per acre and no more than 64 fl. oz. per acre	Apply Ultiflora as a foliar spray using properly calibrated ground and hand-held spray equipment. Thorough coverage is essential for good mite control on plants. Use sufficient water to obtain complete coverage of all plant surfaces including the underside of leaves. See the section entitled "Resistance Management" for instructions before making repeat applications of any miticide for mite control.
<ul style="list-style-type: none"> • Maximum rate of application is 128 fl. oz. Ultiflora per acre per year • Allow at least 3 days between spray applications on all crops except allow at least 30 days between spray applications on non-bearing citrus in Florida • Florida Only: For all target crops do not apply by airblast equipment within 50 feet of aquatic areas. 			

Note: Prior to treating large numbers of plants or new species, tank mixing with other products or adding spreader-sticker agents formulated for use on ornamentals, treat a few plants and observe for 7-10 days to reduce the possibility of crop injury. Do not use Ultiflora in combination with spray oils without checking for plant injury. Treat plants only after they have adjusted to changes in temperature, water, light intensity, new containers, new growing areas, transplanting or other changes in growing environment to reduce the possibility of injury. Test on plants that are not stressed by improper watering, temperature extremes, improper light, insects, disease, nematodes, or other factors in order to assure continued good vigor.

Use Precautions:

This chemical can contaminate surface water through spray applications. Under some conditions, it may also have a high potential for runoff into surface water after application. These include poorly-drained or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to surface water.

Spray Drift Precautions:

All ground application equipment must be properly maintained and calibrated using appropriate carriers
OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS;
RIVERS; PERMANENT STREAMS, MARSHES, OR NATURAL PONDS; ESTUARIES; AND COMMERCIAL FISH PONDS.

Do not apply by ground equipment within 25 feet of aquatic areas. Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure. Make ground applications when the wind velocity favors on target deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph. Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area. Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature. Do not make ground applications during temperature inversions or if heavy rainfall is imminent. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. Where permitted, the applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

STORAGE AND DISPOSAL

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

STORAGE: Store in a tightly closed container in a cool, dry place. Do not store in direct sunlight. Protect from freezing temperatures.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities by burning. If burned, stay out of smoke. Do not reuse empty container.

FOR 24 HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL CHEMTREC (800) 424-9300

For other product information, contact your distributor or see the 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 and is reasonably fit for the intended purpose referred to on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. GOWAN COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY

BUYER'S OR USER'S EXCLUSIVE REMEDY AND 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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