



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
53871-10

Date of Issuance:

Term of Issuance: Conditional

NOTICE OF PESTICIDE:  
  X   Registration  
       Reregistration

Name of Pesticide Product:  
Mylox

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
Troy Biosciences, Inc.  
2620 North 37th Drive  
Phoenix, AZ 85009

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following labeling change before you release the product for shipment:
  - a. Add the phrase "EPA Registration No. 53871-10".
  - b. Add "Do not apply this product through any type of irrigation system" or include labeling required by PR Notice 87-1.
  - c. The personal protective equipment listed for early entry on the label does not comply with the requirements of the Sulfur Reregistration Eligibility Document. Add protective eyewear to the list of equipment for early entry.

Signature of Approving Official:

*[Signature]*

Date:

- d. For stone fruits (cherries, peaches, nectarines, plums and prunes), the stages of brown rot indicated on the label should correspond to the timing of applications. Change the current claims to "brown rot blossom blight". If the fruit rot stage of brown rot is intended, add this claim and include directions for application as the fruit begins to ripen.
3. Submit five copies of the final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Leonard S. Cole, Jr.  
Acting Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

7505C:C.Grable:cg:9/16/94

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
SEP 28 1994

**Net contents**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under **MYLOK**  
53871-10

**Precautionary Statement  
Hazard to Humans and Domes**

**Caution**

Harmful if swallowed or inhaled. Causes eye and  
with skin, eyes or clothing. Avoid breathing spr

**ACTIVE INGREDIENTS:**  
Sulfur as S.....51.86%

**INERT INGREDIENTS.....48.14%**  
**TOTAL.....100.00%**

**USER SAFETY RECOMMEN**

Wash hands before eating, drinking, chewing gum  
toilet. Remove clothing immediately if pestic  
thoroughly and put on clean clothing.

**Personal Protective Equi**

Applicators and other handlers must wear  
pants, waterproof gloves, shoes and socks, and  
clothing and other absorbent materials that ha  
contaminated with this product's concentrate.  
manufacturer's instructions for cleaning and m  
instructions for washables, use detergent and ho  
separately from other laundry.

**Environmental Hazar**

Do not apply directly to water or to as where  
intertidal areas below the mean high water mark  
conditions favor drift from areas treated. Do  
disposing of equipment washwaters.

**Storage and Dispos**

**Storage:** Store in a dry location. Do not store at

**Pesticide Disposal:** Do not contaminate water  
disposal. Wastes resulting from the use of this p  
site or at an approved waste disposal facility.

**Container Disposal:** Triple rinse (or equivalent  
reconditioning or puncture and dispose of in  
incineration or, if allowed by State and local auth  
stay out of smoke.

**Directions for use**

It is a violation of Federal law to use this prod  
with its labeling. Do not apply this product in a  
or other persons, either directly or through drift.  
be in the area during application. For any requir  
or Tribe, consult the agency responsible for pestic

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**If on Skin:** Wash thoroughly with soap and water. Get  
medical attention

**If in Eyes:** Flush eyes with plenty of water. Call  
Physician if irritation persists.

**If Inhaled:** Remove victim to fresh air. If not breathing,  
give artificial respiration, preferably mouth-to-mouth.  
Get medical attention.

**SEE BACK PANELS FOR ADDITIONAL PRECAUTIONARY  
STATEMENTS**

**TROY BIOSCIENCES, INC.**  
**PHOENIX, ARIZONA 85009**

**E.P.A. Reg. No. 53871-**  
**E.P.A. Est. No. 53871-AZ-01**

**BEST AVAILABLE**

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#### 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 the 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 24 hours.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, water, is: Coveralls, Waterproof gloves, shoes and socks.

#### Product Information

**Use Precautions:** Some fruits and other plants are susceptible to injury from sulfur under certain environmental conditions. The user is advised not to use sulfur on any crop unless local use has proven that sulfur is safe in that locality.

During periods of high temperature, sulfur may burn foliage and fruit. Except on cotton, do not make sulfur applications at excessively high temperature, i.e. 90 °F (32 °C) or above. Do not use Mylox with oil or within 28 days of an oil application (or 21 days with a citrus). Do not use Mylox with arsenicals.

Consult your Agricultural Experiment Specialist for complete details on the spraying program best suited for your local conditions.

This product freezes at 33°F (0°C) but usually upon thawing is still usable.

Unless otherwise specified for specific tree fruits, dosage rates are given as pints of MYLOX per 100 gallons of water for use in a full coverage spray. When dosage rates are given in ranges, use the proper rate depending on severity of infection or infestation. For small spray volumes, 2 ½ tablespoons of Mylox per gallon of water is comparable to 8 pints per 100 gallons of water. **ALWAYS USE IN SUFFICIENT WATER TO ENSURE THROUGH COVERAGE.**

#### Directions for mixing before using---stir until smooth

Pour recommended amount in partially filled spray tank. Keep agitator running during filling and spray operation. **DO NOT ALLOW MIXTURE TO STAND.** Failure to maintain agitation will cause Mylox to settle and may necessitate manual stirring to redispense. Because of strong adhesive properties, Mylox acts as a sticker on the plant, and the sticking characteristic necessitates the flushing of equipment with water after each days use. Sulfur in any form is a corrosive material. **TO REDUCE THE EFFECT, EQUIPMENT SHOULD BE FLUSHED DAILY.**

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RECOMMENDATIONS

VEGETABLES

CROP	PEST	RATE (Pints/Acre)	DIRECTIONS
Beans and Peas	Powdery Mildew, Rust and Leaf Spot	3 1/2 to 7	Begin application at first sign of infection and subsequently at 7-14 day interval as necessary.
Beans and Peas	Two-spotted, Pacific and Strawberry (Atlantic) Mites	3 1/2 to 7	Begin application at first sign of infestation and repeat as necessary.
Asparagus	Rust	12 to 14	Begin treatment after cutting stops, and apply at 7-10 day intervals through the season. During the fern period, apply at 2-3 week intervals or with a regular insect program.
Asparagus	Two-spotted and Brown Mites	5 to 7 1/2	Use as necessary.
Carrots	Powdery Mildew,	6 to 12	Begin at first sign of disease and continue at 7-10 day intervals.
Cole Crops: Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale	Powdery Mildew,	3 to 6	Begin in early leaf stage and repeat every 10 - 14 days as needed or immediately after rain.
Cole Crops: Broccoli, Brussels sprouts, Cabbage, Cauliflower, Kale	Two-spotted, Pacific and Strawberry (Atlantic) Mites	3 to 6	Use as long as necessary.
Melons	Powdery Mildew,	10 to 24	Begin when first true leaves appear and repeat at weekly intervals. Some varieties are sensitive to sulfur especially at high temperatures.

Onions and Garlic	Powdery Mildew,	6 to 12	Begin before disease is expected to appear and repeat as necessary.
Peppers	Powdery Mildew,	4 to 6	Begin at early leaf stage and repeat at 10 - 14 day intervals as necessary.
Tomatoes	Tomato Russet Mite	2 1/2 to 8	Begin when infestation starts and repeat as necessary or with a regularly scheduled insect program.

FRUIT AND NUT CROPS

CROP	PEST	RATE	DIRECTIONS
Almonds	Brown Rot, Powdery Mildew, Leaf Spot, Scab	1 1/2 to 3 1/2 pints per 100 gallons of water	Apply pre-bloom, petal fall, and as a cover spray every 10 - 14 days or after a period of wet weather.
Almonds	Mites: Brown, Almond, European Red, Two-spotted, Pacific, Strawberry (Atlantic), Silver, Flat	1 1/2 to 3 1/2 pints per 100 gallons of water	As needed when infestation is noted. Do not apply within two (2) weeks of an oil application.
Apples	Scab, Powdery Mildew	1 1/2 to 3 1/2 pints per 100 gallons of water	Apply pre-bloom, bloom, petal fall, shuck, and as a cover spray throughout the season.
Apples	Mites: Blister, European Red, and Two-spotted	1 1/2 to 3 1/2 pints per 100 gallons of water	As needed when infestation is noted.
Cane Fruits: Blackberries, Boysenberries, Gooseberries, Loganberries, Raspberries	Powdery Mildew	1 to 4 pints per 100 gallons of water or 1 to 2 1/4 gallons (8-18 pints) per acre	Apply when new shoots are six inches long and before blossoms open. Repeat at 10 day intervals as necessary.

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Cherries	Blossom Blight, Brown Rot, Powdery Mildew, Leaf Spot, Rust	1 1/2 to 3 1/2 pints per 100 gallons of water	Apply pre-bloom, bloom, petal fall and as a cover spray at 7 - 14 day intervals and as a post-harvest foliar treatment for leaf spot.
Cherries	Silver and Flat Mites	1 1/2 to 3 1/2 pints per 100 gallons of water	As needed.
Citrus	Scale Crawlers, Mites: Rust, Six-spotted, Citrus, Flat, Yuma, Silver	1 to 4 pints per 100 gallons of water or in any spray NOT CONTAINING OIL or following oil for 3 weeks.	Apply when pests first appear. Repeat application as necessary.
Grapes	Powdery Mildew, Mites: Bud, Blister, Red Spider	1 to 2 pints per 100 gallons of water or 2 - 6 pints per acre	Preferably by ground equipment, beginning when shoots are 6 - 8 inches long and continuing at 7 - 10 day intervals. Concord and other Labrusca grapes may be injured by sulfur.
Peaches and Nectarines	Brown Rot, Corynum Blight, Rust, Powdery Mildew, Scab	1 1/2 to 3 1/2 pints per 100 gallons of water	Pre-bloom, bloom, petal fall and in cover sprays at 7 - 14 day intervals.
Peaches and Nectarines	Peach Silver Mites	1 1/2 to 3 1/2 pints per 100 gallons of water	As needed when infestations appear.
Pears	Scab, Powdery Mildew	1 1/2 to 3 1/2 pints per 100 gallons of water	Apply pre-bloom, petal fall, shuck, and as a cover spray throughout the season.
Pears	Mites: Blister, European Red, Two-spotted	1 1/2 to 3 1/2 pints per 100 gallons of water	As needed. Sensitive varieties such as D'Anjou and Comice may be injured by sulfur under certain climatic conditions.
Plums and Prunes	Brown Rot, Scab, Powdery Mildew, Rust, Leaf Spot	1 1/2 to 3 1/2 pints per 100 gallons of water	Pre-bloom, petal fall and as a cover spray at 7 - 10 day intervals.

Plums and Prunes	Silver Mites	1 1/2 to 3 1/2 pints per 100 gallons of water	As needed.
Strawberries	Powdery Mildew	1 pint per 100 gallons of water or 6 pints per acre in sufficient water for thorough coverage	Apply at first sign of infection and repeat at 3-week intervals. For strawberries that will be canned, discontinue application well before harvest in accordance with local canneries recommendations. Sulfur may injure strawberries under certain climatic conditions.
Walnuts	Mites: European Red, Pacific, Almond, Two-spotted	2 - 5 pints per 100 gallons of water	Apply with miticide sprays to increase effectiveness. Certain varieties of walnuts are sensitive to sulfur. Do not apply unless the variety is known to be sulfur tolerant.

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## FIELD CROPS

CROP	PEST	RATE	DIRECTIONS
Alfalfa	Mites: Lygus, Pacific, Strawberry	4 - 6 pints per acre in sufficient water for thorough coverage	As necessary. Repeat at 2 week intervals.
Corn and Sorghum	Powdery Mildew	4 - 6 pints per acre in sufficient water for thorough coverage	Apply when disease appears and repeat when necessary.
Corn and Sorghum	Two-spotted and Pacific Mites	4 - 6 pints per acre in sufficient water for thorough coverage	Apply when infestation first appears and repeat as necessary.
Cotton	Strawberry (Atlantic) and Lygus Mites	2 - 8 pints per acre in sufficient water for thorough coverage	Beginning when infestation first occurs and every 7 - 14 days as necessary.
Peanuts	Rust, Powdery Mildew, Leaf Spot	2 - 4 pints per acre in sufficient water for coverage	Beginning in early leaf stage and repeat every 10 - 24 days as necessary.
Small Grains: Barley, Oats, Rye, Wheat	Powdery Mildew	4 - 6 pints per acre in sufficient water for thorough coverage	Apply when infection first appears and repeat as necessary.
Small Grains: Barley, Oats, Rye, Wheat	Mites: Two-spotted, Pacific, and Strawberry (Atlantic)	4 - 6 pints per acre in sufficient water for thorough coverage	As necessary.
Soybeans	Powdery Mildew	4 - 6 pints per acre in sufficient water for thorough coverage	Apply when infection first appears and repeat as necessary.
Soybeans	Mites: Two-spotted, Pacific, and Strawberry (Atlantic)	4 - 6 pints per acre in sufficient water for thorough coverage	Beginning when infestation is first noted and repeat as necessary.
Sugar Beets	Powdery Mildew	1 - 3 pints per acre in sufficient water for thorough coverage	Beginning when disease first appears repeating at 3 - 4 week intervals.

## FLOWERS AND ORNAMENTALS

**Application:** To control the diseases and red spiders listed below, use MYLOX as a spray using 7 1/2 pints per 100 gallons of water. Applications should be made at 5-7 day intervals, beginning when the disease first appears and continuing until all danger from the disease is past. During periods of humid or rainy weather, it may be necessary to make applications as often as every 2-3 days.

**Powdery Mildew:** Aster, Chrysanthemum, Cosmos, Dahlia, Daisy, Delphinium, Dogwood, Euonymus, Golden Fleece, Hibiscus, Honeyuckle, Hydrangea, Lady's Mantle, Ligustrum, Lilac, Crepe Myrtle, Phlox, Poplar, Silver Vine, Rose, Spiraea, Sunflower, Verbena, Willow and Zinnia

**Leaf Spot:** Calendula, Cherry Laurel, Clematis, Columbine, English Ivy, Fox Glove, Hydrangea, Petunia, Phlox, Sage, Smilax and Snapdragon

**Black Spot:** Rose

**Botrytis blight:** Hydrangea

**Red Spiders:** Arborvitae, Carnation, Cedars, Chrysanthemums, Clematis, Hydrangea, Rose, Snapdragon and Sweetpea

## WARRANTY STATEMENT

**NOTICE:** TROY BIOSCIENCES, INC. warrants that this product in its unopened package conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions on the plants and crops specified. THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not exceed to the handling or use of this product contrary to label instructions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

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