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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 14 1994

Barbara Brown
DREXEL CHEMICAL CO.
BOX 9306
MEMPHIS, TN 38109

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/05/93 in Response to PR Notice 93-7
EPA Reg. No. 19713-232
DREXEL DIMETHOATE 2.67

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

DREXEL

DIMETHOATE 2.67

ACTIVE INGREDIENTS:

Dimethoate (0,0-Dimethyl S-(N-(methylcarbamoyl)	
metnyl] phosphorodithioate	30.5%
INERT INGREDIENTS:	69.5%
TOTAL:	100.0%

Contains 2.67 lbs. active ingredient per gallon

Contains Xylene-range aromatic solvent

KEEP OUT OF REACH OF CHILDREN
WARNING/AVISO

PRECAUTION-AL-USUARIO:-Si-usted-no-lee-ingles,-no-use-este
producto-hasta-que-la-etiqueta-haya-sido-explicado-amplicamente-
TO-THE-USER:-If-you-cannot-read-English,-do-not-use-this-product
until-the-label-has-been-fully-explained-to-you-

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

See Side Panel for Additional Precautionary Statements

EPA Reg. No. 19713-232
EPA Est. No. 19713-GA-1

Manufactured By
Drexel Chemical Company
P O Box 9306, MEMPHIS, TENN. 38109-0306

WPS Deletions/Revisions 7/93

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting
by touching back of throat with finger. Do not give anything by
mouth to an unconscious person.

IF ON SKIN: Remove contaminated clothing and wash skin with
soap and water.

IF INHALED: Remove victim to fresh air. Apply artificial
respiration if breathing has stopped. Call a physician.

IF IN EYES: Flush with water for at least 15 minutes. Get
medical attention.

NOTE TO PHYSICIAN: Atropine is antidotal. Pralidoxime chloride
may be effective as an adjunct to atropine. This product may
cause cholinesterase inhibition. Treatment should be directed
at the control of symptoms and clinical condition. Dimethoate
is an organophosphate insecticide/miticide.

ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 14 1994

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

19713-232

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

WARNING: HARMFUL OR FATAL IF SWALLOWED. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes and clothing. May cause eye irritation. Use only with adequate ventilation. Wash with soap and water before eating or smoking. Do not contaminate food or feed products.

PERSONAL PROTECTIVE EQUIPMENT

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

Applicators and other handlers (other than mixers and loaders) must wear:

Long-sleeved shirt and long pants

Chemical-resistant gloves, such as Barrier Laminate or Butyl Rubber

Chemical resistant footwear plus socks

Protective eyewear

Chemical-resistant headgear for overhead exposure

Mixers and Loaders must wear:

Long-sleeved shirt and long pants

Chemical-resistant gloves, such as Barrier Laminate or Butyl Rubber

Chemical-resistant footwear plus socks

Protective eyewear

Chemical-resistant headgear

For exposure in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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.

USER SAFETY RECOMMENDATIONS

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 Remove clothing immediately if pesticide gets inside. After decontaminating, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to birds, shrimp, crabs, and other wildlife. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

This pesticide 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.

CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Do not use this product in or on electrical equipment due to possibility of shock hazard.

FARMWORKER-SAFETY-STATEMENT

Written-or-oral-warnings-must-be-given-to-workers-who-are expected-to-be-in-a-treated-area-or-in-an-area-about-to-be treated-with-this-product.-When-oral-warnings-are-given,-warnings shall-be-given-in-a-language-customarily-understood-by-workers.-Oral-warnings-must-be-given-if-there-is-reason-to-believe-that written-warnings-cannot-be-understood-by-workers.-Written-or-oral warnings-must-include-the-following-information:-WARNING:-Area-to be-treated-with-Dimethoate-on-(date-of-application)-Do-not-enter without-appropriate-protective-clothing-until-sprays-have-dried-

DIRECTIONS FOR DILUTION UNLESS STATED

Number in parenthesis for recommendations in crops indicates the maximum number of pints per acre.

Dilute Application - Ground Application For Field & Vegetable Crops: Apply specified rate in 20 to 60 gallons of water per acre.

Concentrate Application - Ground Application: Apply specified rate in not less than 5 gallons of water per acre.

Orchard Application: Apply equivalent per acre rates in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

Air Application: - Ground Application: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates use equivalent per acre rate in not less than 10 gallons of water per acre. Do not use air application on pecans.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

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 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 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. Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 48 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
Chemical-resistant footwear plus socks
Protective eyewear
Chemical-resistant headgear for overhead exposure

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION

All applicators, including homeowners, flaggers and all personnel involved with the mixing, loading and transferring operations must wear protective clothing and equipment enumerated below. Pilots are exempt from this requirement. The protective clothing and equipment to be worn is as follows:

- a) Impermeable gloves (for example, rubber or plastic covered --- reinforced gloves);
- b) Boots or boot covers;
- c) Long sleeved shirt and long pants;
- d) Wide brimmed hat;
- e) Respirators must be worn by flaggers and mixer/loaders.

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

BEST AVAILABLE COPY

ORNAMENTAL PLANTS	PEST CONTROLLED	AMOUNT PER 6 GAL. WATER
Azaleas (Outdoor Plants)	Lace Bugs, Leaf Miners, Mites, Tea Scale, White Flies	1.5 oz.
Camellias	Aphids, Camellia Scale, Mites Tea Scale	1.5 oz. Foliar Spray: Apply 2 sprays 6 weeks apart the first year followed by annual applications soon after first growth begins in the spring. Soil Drench: Apply as a soil drench around the base of plants in early spring at the rate of 4 tbsp. per gallon of water per plant up to 6 feet tall. Increase this rate proportionately for larger plants.
Carnations	Aphids, Thrips, Mites	1.5 oz. Soil Drench: Apply as a soil drench at the rate of 4 fluid ounces per 500 sq. ft. of bed or bench (5 qts. per 1/2 acre) in sufficient water for even distribution. Water thoroughly after application.
Cyperus	Bactra Moth, Larvae	1.5 oz. Apply as a drenching spray.
Day Lillies	Aphids, Thrips	3 oz.
Roses (Outdoor Plants)	Aphids, Leaf- hoppers, Mites, Thrips	1.5 oz.
Arborvitae	Aphids, Bag- worms, Mites	3 oz.
Birch	Aphids, Leaf Miners	3/4 oz. For Leaf Miners: Apply when leaves are expanded (about Mid May) and repeat in early July.

ORNAMENTAL PLANTS	PEST CONTROLLED	AMOUNT PER 6 GAL. WATER
Boxwood	Leaf Miners, Mealy Bugs, Mites	1 1/2 oz. For Leaf Miners: Apply in spring when leaf miner flies first appear or in early summer for control of larvae in the infested leaves.
Cedar	Mites	3 oz.
Euonymous	Aphids, Scale	3 oz.
Gardenias	Tea Scale, White Flies	1 1/2 oz.
Gerberas	Thrips	1 1/2 oz.
Gladiolus	Aphids, Thrips	1 1/2 oz.
Iris	Aphids, Iris Borer, Thrips	3 oz. For Borer Control: Spray when new leaves are 5-6 inches tall.
Poinsettias (Outdoor Plants)	Mites, White Flies, Mealy Bugs, Aphids	1 1/2 oz.
Ficus Mitida (Outdoor Plants)	Thrips	1 1/2 oz. Note: Do not use on potted plants.
Holly (English and American, not Burford Variety)	Leaf Miners, Mites, Soft Scale	1 1/2 oz. For Leaf Miners: Apply in spring when leaf miner flies first appear or in early summer for the control of larvae in infested leaves.
Hemlock	Mites, Scale	1 1/2 oz.

ORNAMENTAL PLANTS	PEST CONTROLLED	AMOUNT PER 6 GAL. WATER
Juniper	Aphids, Bagworms, Midges, Mites	3 oz.
Oak	Golden, Oak Scale	3 oz.
Pine	Aphids, Bagworms, European Pine Shoot Moth, Nantucket Pine Tip Moth, Zimmerman Pine Moth	3 oz.
Roses	Aphids, Leafhoppers, Mites, Thrips	1 pt. in 5-10 gals. water by air. 1 pt. in 100 gals. water ground application.
Taxus	Fletcher Scale, Mealy Bugs, Mites	3 oz.

CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION/HARVEST
Peppers	Aphids, Leaf Miners, Maggots	3/4 - 1 pt./A.	Peppers may be harvested on day of application.
Pecans	Aphids	1 pt./A.	Apply with ground equip- ment only. Do not graze livestock in treated groves. Allow 21 days between last application and harvest.
Alfalfa	Aphids, Leaf- hoppers Lygus Bugs Grasshoppers, Reduction of Alfalfa Weevil Larvae	3/4 to 1 1/2 pts./A.	Do not apply to alfalfa during bloom period. Do not feed livestock on treated crops, thrash- ings or hay treated less than 10 days before harvest or pasture stubble sooner than 10 days after treatment. Effective only on cutting to which applied. Make only one application per year.
Cotton (grown in AZ & CA)	Lygus Bugs, Leafhoppers Thrips, Black Fleahoppers	3/4 to 1 1/2 pts./A.	Do not apply less than 14 days before harvest. Do not repeat application within 14 days. Do not feed treated forage or graze livestock on treated fields.
Safflower (grown in CA)	Aphids, Leaf- hoppers, Lygus Bugs, Thrips	3/4 to 1 1/2 pts./A.	Do not apply less than 14 days before harvest. Repeat applications should not be made at intervals closer than 14 days. Do not make more than two applications at the higher rate.
Tomatoes, Watermelons, Melons	Aphids, Leaf Miners, Leaf- hoppers	3/4 to 1 1/2 pts./A.	Do not apply less than 7 days before harvest.

CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION/HARVEST
Mustard Greens, Swiss Chard, Endive	Aphids, Leaf- hoppers, Leaf Miners	$\frac{3}{4}$ pt./A.	Do not apply less than 24 days before harvest.
Soybeans	Mexican Bean Beetle, Spider Mites	$1 \frac{1}{2}$ pts./A.	Do not apply within 21 days of harvest. Do not graze within 5 days of last application.
Wheat (grown in TX, OK, KS, SD)	Aphids (Greenbugs) Brown Wheat Mite	$\frac{3}{4}$ to 1 pt./A. $\frac{1}{3}$ to $\frac{2}{3}$ pt./A.	Do not apply within 14 days of grazing immature plant. Do not harvest grain within 60 days of last application.
Sorghum	Greenbug	$\frac{3}{4}$ to $1 \frac{1}{2}$ pts./A.	($\frac{1}{3}$ to $\frac{2}{3}$ pts./A. for light infestations on young sorghum prior to head formation.) Do not feed or graze within 28 days of last application. Make up to three aerial applications or three ground applications as needed per season.
Field Corn	Banks Grass Mite (except Transpecos area of TX).	1 to $1 \frac{1}{2}$ pts./A.	Broadcast by air. Spray over the foliage when mites appear. Apply in ratio of 1 part DIMETHOATE 2.67 in 20 qts water. Do not use less than $2 \frac{1}{2}$ gals. per acre for 1 pint rate and $3 \frac{3}{4}$ gals. per acre for $1 \frac{1}{2}$ pint rate. Days between last application and harvest: 14 (foraging) 42 (grain). Apply as necessary. Make no more than 3 applications per year.
Cotton Early Season	Thrips, Mites, Aphids	$\frac{1}{3}$ to $\frac{2}{3}$ pts./A.	Do not apply less than 14 days before harvest. Do not repeat application within 14 days. Do not feed treated forage or graze livestock on treated fields

CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION/HARVEST
Potatoes	Aphids, Leaf Miners, Leaf- hoppers	3/4 to 1 1/2 pts./A.	Potatoes may be harvested on day of application.
Beans (green, lima, snap, dry)	Aphids, Leaf- hoppers, Leaf Miners, Mites Lygus Bugs	3/4 to 1 1/2 pts./A.	Beans may be harvested on day of application. Do not feed treated vines.
Broccoli, Cauliflower, Cabbage	Aphids	3/4 to 1 1/2 pts./A.	Do not apply less than 7 days before harvest. Do not apply less than 3 days before harvest.
Head Lettuce	Aphids, Leaf- hoppers, Leaf Miners	3/4 pt./A.	Do not apply less than 7 days before harvest.
Leaf Lettuce, Spinach, Collards, Kale, Turnip (greens and roots)	Aphids, Leaf- hoppers, Leaf Miners	3/4 pt./A.	Do not apply less than 24 days before harvest.
Peas	Aphids	1/2 pt./A.	Peas may be harvested on day of application. Do not feed or graze hay within 21 days after last application when a stationary viner is used. Do not feed or graze when a mobile viner is used.
Apples Pears (bearing & non- bearing)	Aphids, Leaf- hoppers, Pear Psylla, Mites (except rust mites)	3/4 to 1 1/2 pts./100 gals. water	Do not apply less than 28 days before harvest. Do not apply during bloom period. Do not graze livestock in treated orchard.

CROP	PESTS CONTROLLED	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
Citrus (non- bearing) (AZ & CA)	Thrips, Aphids	Foliar Spray: Apply 1 1/2 pts. per 100 gals. of water. Repeat application as necessary. Soil Drench: For trees 1 to 3 years old - apply 3 qts. per acre in the furrow or soil ring around the base of the tree. Apply as soon as insect injury to new growth begins. Use only on non-bearing trees. Nursery stock applications should not be made in the year trees begin to bear fruit.
Lemons, Oranges, Grapefruit, Tangerines	Aphids, Thrips	15 Ground Equipment: 3/4 to 1 1/2 pts./100 gals. water. Apply as an outside coverage spray. Aircraft Equipment: 3 to 6 pts./A. in 15 to 20 gals. water.
	Mites (Except rust mites)	15 Ground Equipment: 3/4 to 1 1/2 pts./100 gals. water. Apply as a thorough distribution coverage spray.
	Scales (except black or snow)	45 Ground Equipment: 1 1/2 to 2 1/4 pts./100 gals. water. Apply as a thorough coverage spray.
	White Flies	15 Ground Equipment: 1 1/2 pts./100 gals. water. Apply as a thorough distribution coverage spray. Do not apply during bloom period. Do not use on seedlings. Make no more than two applications to mature fruit. Do not enter treated groves within 4 days of last application. Do not graze livestock in treated orchards.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.