

Reg # 34704-489

PM-14

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JUL - 6 1993

S440122 $\frac{360}{18}$

Mr. J. Allen Dunlap III
Platte Chemical Co.
P. O. Box 667
Greeley, CO 80632

Dear Mr. Dunlap:

Subject: Dimethoate 2.67 EC
EPA Registration No. 34704-489
Your April 21, 1993 Application for Pesticide Amendment
in Response to Agency Request of February 25, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that the following changes are made to the label:

1. In accordance with PR Notice 93-3, the second sentence of the ENVIRONMENTAL HAZARDS section must be changed to read:

"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."

2. Under the directions for use for alfalfa (grown for hay), in order to have the statement on the label "make only one application per cutting" you must submit an application requesting the change. In addition you must comply with the provisions of FIFRA Section 3(c)(1)(D). Therefore under the use directions for alfalfa grown for hay the number of applications must be restricted so that it reads:

" make only one application per year".

3. According to our records the Preharvest Interval for lentils should be "14 days" and not "7 days" as you have listed.

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

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER of August 21, 1992 (57 FR 38102). Under the WPS labeling regulations at 40 CFR 156, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

enclosure

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

3 7 4



DIMETHOATE 2.67 EC

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 6 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
34704-489

SYSTEMIC INSECTICIDE-MITICIDE

ACTIVE INGREDIENT:	
Dimethoate O,O-Dimethyl	
S-(14-methylcarbamoylmethyl) phosphorothioate	99.5%
INERT INGREDIENTS:	
	0.5%
TOTAL	100.0%

Contains 2.67 lbs. active ingredient per gal.

DIRECTIONS FOR USE

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

REENTRY STATEMENTS

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. Certain states require more restrictive reentry intervals for various crops treated with this product. Consult your State Department of Agriculture for further information.

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 treated with Dimethoate on (date of application). Do not enter without appropriate protective clothing until sprays have dried.

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

See Below For Additional Precautionary Statements.

EPA REG. NO. 34704-489 EPA EST. NO. 279-CA-1
NET CONTENTS 2 1/2 GALLONS

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EXP04Y93

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING—AVISO

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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.

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

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. Aspirated cyclohexanone may cause severe lung damage. If swallowed stomach contents should be evacuated quickly in a manner which avoids aspiration. Otherwise treatment should be directed at the control of symptoms and clinical condition.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to wildlife and aquatic invertebrates. Do not apply directly to water or wetlands. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning equipment or disposal of wastes.

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. Protective information may be obtained from your Cooperative Agricultural Extension Service.

CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry, well ventilated area. Avoid temperatures below 32°F. or above 90°F.

CONTAINER DISPOSAL: Metal: 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. Plastic: 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. Glass: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

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.

REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION

All applicators, including homeowners, flaggers and all personnel involved with mixing, loading and transferring operations must wear the protective clothing and equipment enumerated below. Pilots are exempt from this requirement. The protective clothing and equipment to be worn is as follows: 1) Impermeable gloves (example, rubber or plastic coated reinforced gloves); 2) Boots or boot covers; 3) Long-sleeved shirt and long pants; 4) Wide brimmed hat; 5) Respirators must be worn by flaggers and mixer/loaders.

DIRECTIONS FOR DILUTION UNLESS STATED

Number in parentheses for recommendations in crops indicates the maximum number of plants 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: 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. Do not apply this product through any type of irrigation system.

BEST AVAILABLE COPY

DIMETHOATE 2.67 EC

EPA REG. NO. 34704-489

CROPS

ALFALFA: *Aphids, leafhoppers, lygus bugs, grasshoppers and reduction of alfalfa weevil larvae, plant bugs*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. For alfalfa hay, do not apply within 10 days of harvest or pasturing—make only 1 application per cutting. Effective only on cutting to which applied. For alfalfa seed, do not feed or graze livestock on treated crops, hay threshings or stubble within 20 days of application. (1 $\frac{1}{2}$)

APPLES & PEARS: *Aphids, leafhoppers, mites (except rust mite)*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per 100 gallons of water. Do not apply within 28 days of harvest. Do not apply when trees or substantial numbers of weeds in the orchard are in bloom. Do not graze livestock on cover crops grown in treated orchards. (18)

BEANS (green, lima, snap and dry): *Aphids, leafhoppers, leaf miners, mites, lygus bugs, bean leaf beetle, Mexican bean beetle*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. No time limitation. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. Do not feed treated vines to livestock. (1 $\frac{1}{2}$)

BROCCOLI & CAULIFLOWER: *Aphids*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 7 days of harvest. (1 $\frac{1}{2}$)

CABBAGE: *Aphids*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 7 days of harvest. (1 $\frac{1}{2}$)

CITRUS (grapefruit, lemons, oranges, tangerines): Do not apply when trees or substantial numbers of weeds in the grove are in bloom. Do not use on seedlings. Do not apply within 15 days of harvest, except do not apply within 45 days of harvest for scale control rates over 1 $\frac{1}{2}$ pts. per 100 gallons of water. Make no more than 2 applications to mature fruit. Do not enter groves or nurseries within 4 days of application. Do not graze livestock on cover crops grown in treated orchards. *Aphids, mites (except rust mite), thrips*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per 100 gallons of water. *Scales (except black or snow)*—Apply 1 $\frac{1}{2}$ -2 $\frac{1}{4}$ pts. per 100 gallons of water. *Whiteflies*—Apply 1 $\frac{1}{2}$ pts. per 100 gallons of water. (45)

CITRUS (non-bearing) California & Arizona only: *Thrips, aphids*—Foliar spray—Apply 1 $\frac{1}{2}$ pts. per 100 gallons of water. Repeat as necessary. Use only on nursery stock and other non-bearing trees (trees that will not bear fruit within one year). Soil drench: apply 3 qts. per acre in the basin or furrow around the base of the tree. Apply when insects injure to new growth appears. Use only on nursery stock and other non-bearing (trees that will not bear fruit within one year). Do not enter groves or nurseries within 4 days of application. Do not graze livestock on cover crops grown in treated orchards. (30)

COTTON: *Aphids, mites, thrips, leafhoppers, plant bugs*—Apply $\frac{1}{2}$ - $\frac{2}{3}$ pt. per acre. Do not apply within 14 days of harvest. Repeat applications should not be made in intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields. (7 $\frac{1}{2}$)

COTTON (use restricted to California and Arizona): *Lygus bugs leafhoppers, black leafhopper*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 48 hours of harvest. Repeat applications should not be made at intervals closer than 14 days. No more than 2 applications per season. Do not feed treated forage or graze livestock on treated fields. (1 $\frac{1}{2}$)

FIELD CORN: *Aphids, bean beetles, corn rootworm adults, mites, thrips, leafhoppers*—Apply 1-1 $\frac{1}{2}$ pts. per acre when insects first appear. Apply as needed using a maximum of 3 applications per year. Do not apply within 14 days of harvest if corn is used for forage and 42 days if used for grain. Do not apply to corn during the pollen-shed period.

LENTILS: *Aphid, lygus bugs*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre when insects first appear. Use the higher application rate for lygus control. Repeat applications as needed. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. Do not apply within 7 days of harvest. Do not feed or graze hay or treated vines.

LETTUCE (head): *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ pt. per acre. Do not apply within 7 days of harvest. (7 $\frac{1}{2}$)

LETTUCE (leaf), COLLARDS, ENDIVE (escarole), KALE, MUSTARD GREENS, SPINACH, SWISS CHARD, TURNIPS (greens and roots): *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ pint per acre. Do not apply within 14 days of harvest (7 $\frac{1}{2}$)

MELONS (except watermelons): *Aphids, leafhoppers, leaf miners, thrips*—Apply 1 $\frac{1}{2}$ pts. per acre. Do not apply within 3 days of harvest. (1 $\frac{1}{2}$)

WATERMELONS: *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 3 days of harvest. (1 $\frac{1}{2}$)

PEAS: *Aphids*—Apply $\frac{1}{2}$ pt. per acre. Peas may be harvested on day of application. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. 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 being used. Make no more than one application per growing season. (1 $\frac{1}{2}$)

PECANS: *Aphids, mites, leafhoppers*—Apply 1 pt. per acre by ground

equipment only. Do not apply with 21 days before harvest. Do not graze livestock in treated groves. Apply in 100-500 gallons of water per acre. (1)

PEPPERS: *Aphids, leaf miners, maggots*—Apply $\frac{3}{4}$ -1 pt. per acre. No time limitation. (1)

POTATOES: *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Potatoes may be harvested on day of application. (1 $\frac{1}{2}$)

SAFFLOWER (use restricted to California and Arizona): *Aphids, leafhoppers, lygus bugs, thrips*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. No more than two applications per season. (1 $\frac{1}{2}$)

SORGHUM: *Aphids, mites*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not feed or graze within 28 days of last application. Do not apply after heading. No more than three applications per season. (1 $\frac{1}{2}$)

SOYBEANS: *Leafhoppers, alfalfa locopers, Mexican bean beetles, spider mites*—Apply 1 $\frac{1}{2}$ pts. per acre. Do not feed or graze within 5 days of last application. Do not apply within 21 days of harvest.

TOMATOES: *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 7 days of harvest. (1 $\frac{1}{2}$)

WHEAT: *Aphids (including greenbug), brown wheat mite*—Apply $\frac{3}{4}$ -1 pt. per acre. Do not apply within 14 days of grazing immature plants. Do not harvest grain within 60 days of last application. Make no more than two applications per growing season. (1)

PINYON PINE: *Pinon needle scale*—Apply 3 gallons in 100 gallons of water. Apply spray to egg masses at the base of the trees and to all rough bark and crotches that can be reached from the ground. Make the bark application when crawlers start to emerge from the eggs. Use hydraulic or back-pack sprayer. Do not spray leaves or needles. Do not apply if used as pinon nut production.

DOUGLAS FIR: *Fir cone midge*—Apply $\frac{3}{4}$ gallon in 100 gallons of water. Make thorough coverage applications when cones are closed and pendant. Use hydraulic or back-pack sprayer.

PINES: *Loblolly pine sawfly*—Apply $\frac{3}{4}$ - $\frac{3}{4}$ pt. per acre in 2 gallons of water. Apply by aircraft when air is calm and the temperature is below 68°F. Apply when most larvae are in the second and third instar. Do not use on pines that are for pine nut production.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVE , OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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FORMULATED FOR
PLATTE CHEMICAL CO.
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