27 FEB 1989

656 233,733

Platte Chemical Company P.O. Box 667 Greeley, CO 80632

Gentlemen:

Subject: Labeling Requirements for Mevinphos Registration Standard Clean Crop Phosdrin® 4.0 Miscible EPA Registration No. 34704-343
Your Letter Dated August 25, 1987

The labeling referred to above, submitted in connection with registration under the Pederal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below.

1. The active ingredient should be shown on your label as follows:

ACTIVE INGREDIENT:

2. Format your "Storage and Disposal" statements as follows:

STORAGE AND DISPOSAL

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

STORAGE:

Pesticide Disposal:

Container Disposal:

53967:I:Peacock:CBI-07:KENCO:02/17/89:03/31/89:CL:VO:SG:CL

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3. Delete "Keep out of reach of children and animals" in your storage instructions.

Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

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

Submit a revised Confidential Statement of Formula, providing the chemical identity of the third and fourth ingredients in your formula. Check with your supplier to determine if your certified limits are correct.

Sincerely yours,

William H. Miller

Product Manager (16)

Insecticide-Rodenticide Branch

Registration Division (%2 767C)

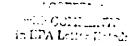
Enclosures

RESTRICTED USE PESTICIDE

Due to Very High Acute Toxicity to Humans

Residue Effects on Avian, Mammalian and Aquatic Species

For retail sale to and use only by Purple of the Pederto Insection of the Certified applicators or persons under Constitution of the Pesticide registered under EPA Reg. No. their direct supervision and only for those uses covered by the certified applicator's certification. supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Certified applicators must also ensure that all persons involved in these activities are informed o f the precautionary statements.



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34704-343



Phosdrin[®] 4₋0 Miscible

Insecticide

EPA Reg No 34704-343 EPA Est

Active Ingredients By Weight †Alpha Isomer of 2-carbomethoxy-1-methylvinyl dimethyl phosphate 28 50% †Related Compounds..... Inert Ingredients 52,50%

*Equivalent to 47.5% Phosdrin, Contains 4 pounds Phosdrin per gallon Phosdrin is a registered trademark of Shell Chemical Company

KEEP OUT OF REACH OF CHILDREN '★ DANGER—POISON ★

First Aid Treatment

if swallowed: Call a physician, or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person

If on skin: In case of contact, remove contaminated clothing and immediately wash skin with soap and water

If in eyes: Wash at once in running water for at least 10 minutes

NOTE TO PHYSICIAN Phosdrin is a cholinesterase inhibitor. Patient should be under observation for 48 hours. Atropine is antidotal. Give 4 mg. intramuscularly or intravenously. Repeat every 15 minutes until patient is fully atropinized 2-PAM is also antidotal and may be administered in conjunction with atropine

For Emergency Assistance Call CHENTCEC SOC- 424-9300.

See Other Panels for Additional Precautionary Information.

CLEAN CROP is a Registered TM of United Agri Products. Inc. FORMULATED FOR PLATTE CHEMICAL COMPANY, INC. 150 SO. MAIN STREET FREMONT, NEBRASKA \$8025

PRECAUTIONARY STATEMENTS Hazards to Humans (& Domestic Animals)

Danger

Poisonous if Swallowed, Inhaled or Absorbed Through Skin or Eyes Rapidly absorbed through skin! Do not get in eyes, on skin or on clothing. Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to mevinphos (phosdrin) poisoning. Do not swallow or get in eyes, on skin, or on clothing. Do not breathe vapors. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals. Keep all unprotected persons out of operating areas or vicinity where there may be danger of drift. Do not contaminate or store near feed and foodstuffs.

USE ONLY WHEN WEARING THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF MIXING, LOADING, AND APPLICATION EQUIPMENT, AND DISPOSAL OF THE PESTICIDE: protective suit of one or two pieces that covers all parts of the body except head, hands, and feet; chemical-resistant gloves; chemical-resistant shoe coverings or chemical-resistant shoe coverings or chemical-resistant boots); goggles or face shield; hood or wide brimmed hat; NIOSH or MSHA approved respiratory protection device.

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: Long-sleeve shirt; long-legged pants; chemical-resistant gloves; chemical-resistant apron; shoes and socks. Goggles or face shield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.

IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: Long-sleeve shirt and long-legged pants; shoes and Chemical-resistant gloves must be available in the cab or cockpit and must be worn during entry to and exit from the application vehicle. All other protective clothing and equipment required for use during application must; be available in the cab and must be worn: when exiting the cab into treated area.... When used for this purpose, contaminated: clothing may not be brought back into the cab unless in an enclosure such as a plastic bag. REMEMBER - THIS CLOTHING IS INADEQUATE TO PROTECT YOU DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT AND EARLY REENTRY TO TREATED AREAS! REFER TO PROTECTIVE CLOTHING AND EQUIPMENT REQUIREMENTS ABOVE.

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IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.

AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job -- do not wear contaminated clothing. Personal and protective clothing worn during work must be stored and laundered separately from household articles. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Protective clothing and protective equipment that be comes heavily contaminated or drenched with mevinphos must be destroyed according to State and local regulations. HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of mevinphos. The toll free number for the National Pesticide Telecommunication Network is 1-800-858-7378.

IF HANDLED INDOORS provide mechanical exhaust ventilation. Keep all unprotected persons, children, livestock, and pets away from treated area or where there is danger of drift. Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away, see the First Aid (Practical Treatment) section of this label.

Environmental Hazards

This pesticide is toxic to fish and wildlife. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

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

Physical or Chemical Hazards

Do not use or store near heat or open flame

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Reentry into treated citrus groves, grape vineyards, and nectarine and peach orchards is prohibited for 96 hours (4 days) after the end of application, unless the protective clothing specified on this label for early reentry is worn. Reentry into all other treated areas is prohibited for 48 hours (2 days) after the end of application, unless the protective clothing specified on this label for early reentry is worn.

FOR EARLY REENTRY INTO TREATED AREAS BEFORE SPRAYS HAVE DRIED, wear all protective clothing specified on this label for an applicator.

FOR EARLY REENTRY INTO TREATED AREAS AFTER SPRAYS HAVE DRIED, wear protective suit of one or two pieces covering all parts of the body except head, hands, and feet; chemical-resistant gloves; chemical-resistant shoes (or chemical-resistant shoe coverings or chemical-resistant boots).

Written or oral warnings must be given to workers who are expected to be in treated areas or in an area about to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take . in case of accidental exposure.) 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 warnings must include the following information:

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DANGER: Area treated with MEVINPHOS on (Date)

Bo not enter without appropriate protective clothing until (insert date/time reflecting end of reentry interval set forth on this label). In case of accidental exposure see STATEMENTS OF PRACTICAL TREATMENT found on the MEVINPHOS product label.

STORAGE AND DISPOSAL

Pesticide Storage

Do not store in or around the home

Do not store below 20°F, (~7°C)

Do not use or store near heat, open flame or hot surfaces

Keep out of reach of children and animals. Store in original containers only Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace fids and close tightly. Do not but concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills

To confine spill. If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identity contents.

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 tinse (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. Do not cut or weld metal containers.

Not for use or storage in or around the home

Mix with water by vigorous agitation, agitate the mixture while spraying. If allowed to stand, re-agitate before use. Do not use in undiluted form

Apply when insects first appear and repeat application as often as necessary to maintain control. Apply in a suitable volume of water to give uniform coverage of foliage. For application by airplane, dilute this product with 3 to 10 gallons of water per acre.

HUMAN FLAGGERS ARE PROHIBITED during aerial application of this product unless in totally enclosed vehicles.

Fruit and Nut Crops: Use recommerided dosages in sufficient water to obtain thorough spray coverage, but do not exceed indicated maximum gallonage for that crop. If concentrate ground application is employed, do not apply less than 10 gallons of spray per acre, and adjust dosage of Phosdrin 4.0 Misciple to obtain same dosage per acre as recommended for full coverage application.

Field and Vegetable Crops: Use 10 to 125 gallons of spray per acre when using ground application equipment. Avoid drift of this product to crops for which it is not registered or to crops for which its use may be registered out application would be closer to harvest than recommended.

NOTE Consult your State Department of Agriculture or local Agricultural Extension Service for information on the time interval between applications and safe reentry to the treated field

Observe days interval between last application and harvest indicated by number in () following the crop

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. . . .

Fruit and Nut Crops

Apples (1). Peaches (1). Pears (1), Piums (1): For control of Aphios and Mites use % to ½ pint per 100 gallons water. Do not exceed 1.200 gallons of finished spray per acre on apples and pears when ½ pint is used. For control of Grasshoppers. Lygus Bugs and Red-Banded Leafroller—Use ½ to ¾ pint per 100 gallons water. Do not exceed 900 gallons of finished spray per acre on apples and pear when ¾ pint is used. Do not exceed 750 gallons finished spray per acre on peaches or plums.

For apples, do not apply under conditions of high relative humidity and high temperature. May cause injury to golden delicious, staymen and related varieties.

Cherries (Sour Only) (2): For control of Aphids and Mites.—Use $\frac{1}{2}$ to $\frac{1}{2}$ pint per 100 gallons water. Do not exceed 750 gallons finished spray per acre.

Grapetruit (1), Lemons (1), Oranges (1): Aphids—Use 1 to 2 pints per acre. Apply in 200 or more gallons of water per acre. Fruitiree Leatroller Orange. Tortrix, Omnivorous Leatroller—Use 1 quart per acre. Apply in 500 gallons of water per acre. Western Tussock Moth Larvae, Citrus Culworm. Variegated Culworms, Pink Scavenger Caterpillar—Use 2 quarts per acre. Apply in 1 200 gallons of spray per acre. Allow at least 7 days between applications.

Grapes (2)*: For control of Aphids—Use ½ to 1 pint per acre. For control of Leaffolder, Leafhoppers. Miles. Red-Banded Leafroller and Lygus Bilds—Use 1. to 2 pints per acre. *At the 2 pint dosage do not treat within 5 days of harvest.

Raspberries (3): Aphids—Use 1/4 to 1/2 pint per 100 gallons of water. Mites Leathoppers Fruitiree Leatroller, Orange Tortrix—Use 1/2 to 1/3 pints per 100 gallons of water. Apply no more than 200 gallons of water per acre.

JStrawberries (1)*: Aphids Mites—Use ¼ to ½ pint per 100 gallons of water Grasshoppers Strawberry Leafroller, Sallmarsh Caterpillar, Lygus Bug—Use ½ to 1 pint per 100 gallons of water (200 gallons per acre). For hard to kill insects, including aphids and mites, use 1 quart per 100 gallons water, but do not treat within 2 days of harvest. Do not exceed 100 gallons finished spray per acre.

y Walnuts (1): Aphids—Use '4 to '4 pint per 100 gallons of water Mites Omnivorous Looper, Orange Tortrix, Fruittree Leafrolier, Western Tussock Moth—Use '5 pint per 100 gallons of water. By ground apply a minimum of 200 gallons of finished spray per acre. By air, apply 1 to 1 & pints of Phosorin 4.0 Misciple per acre in a minimum of 15 gallons of water. Do not apply more than 2 gallons (1,000 gallons finished spray) per acre.

Field Crops

vAlfalfa (1), Cluver (1). Aptids, Alfalfa Caterpillar—Use ½ to ½ pint per acre Grasshoppers, Leafrollers, Climbing Cutworms, Mites, Alfalfa Weevil Larvae Lygus Bugs—Use ⅓ to 1 pint per acre

Corn (Field, Sweet and Popcorn) For Forage Only (1): Aphids, Spider Miles—
Use ½ to 1 pint per acre.

Mustard Greens (3), Turnip Tops (3): Aphids—Use % to 12 pint per acre. Cabbage Looper, Imported Cabbageworm. Faise Chinch Bug. Dipterous Leatminer (adult), Grasshoppers. Leathoppers, Mites—Use 1/2 to 1 pint per acre.

Pea Vines (For Forage Only) (1): Aphids—Use ¼ to ½ pint per acre. Grass-hoppers, Leathoppers, Mites, Climbing Cutworms—Use ½ to 1 pint per acre.

Sorghum (For Forage and Grain) (3): Aphids—Use ¼ to ½ pint per acre. Corn Earworm and Webworms—Use ½ to 1 pint per acre. Fall Armyworm—Use 1 pint per acre.

Vegetable Crops

Artichokes (2): Aphids—Use ¼ to ½ pint per acre. Artichoke Plume Moth—Use ½ to 1 quart per acre.

Beans (1): Use ¼ to ½ pint per acre. Grasshoppers, Leafhoppers, Mites and Mexican Bean Beetle—Use ½ to i pint per acre.

Beets (Including Tops) (3): Aphids—Use % to % pint per acre. Cabbage Looper, Climbing Cutworms. Dipterous Leafminer (adult). False Chinch Bug. Grasshoppers, Imported Cabbage Worm, Leafhopper, Mites. Salt-Marsh Caterpillar—Use % to 1 pint per acre.

Broccoli (1),* Cabbage (1)*: For control of Aphids—Use % to % pint per acre For control of Cabbage Looper, Imported Cabbage Worm, Grasshoppers, Leaf-hoppers, Salt-Marsh Caterpillar, Mites, Climbing Cutworms, Dipterous Leaf-miner (adult) and Lygus Bugs—Use % to 1 pint per acre. *For hard to kill insects, including aphids, use 1 quart per acre, but do not treat within 3 days of harvest.

Brussels Sprouts (3), Cauliflower (3), Collards (3), Kale (3)*: For control of Aphids—Use % to % pint per acre. For control of Cabbage Looper, Imported Cabbageworm, Grasshoppers, Leafhoppins, Salt-Marsh, Caterpillar, Mites, Climbing Cutworms, Dipterous Leafminer (adult) and Lygus Bugs—Use % to 1 quart per acre. For hard to kill insects, including aphids, use 1 quart per acre, "but do not treat collards and kale within 7 days of harvest."

Carrots (2): Aphids—Use % to % pint per acre. Leafnoppers, Lygus Bugs, Miles, Cabbage Looper, Dipterous Leafminer (adults), Climbing Cutworms, Salt-Marsh Caterpillar—Use % to 1 pint per acre

Celery (3)*: Aphids—Use ¼ to % pint per acre. Dipterous Leafminer (adult), Lygus Bugs, Salt-Marsh Caterpillar, Leathoppers, Cabbage Looper and Mites—Use % to 1 pint per acre. *For hard to kill insects, including aphids, rate may be increased to 2 pints per acre, but do not apply within 5 days of harvest.

Corn (Field, Sweet and Popcorn) For Grain Only (1): Aphids—Use to 1 pint per acre

Leafnoppers. Mites—Use % to 1 pint per acre

Eggplant (2), Peppers (2): Aphids—Use % to % pint per acre. Grasshoppers, Leafhoppers and Mites—Use % to 1 pint per acre.

Lettuce (2)*: Aphids—Use % to % pint per acre. For control of Corn Earworm, Climbing Culworms, Dipterous Leafminer (adult), Cabbage Looper, Imported Cabbageworm, Grasshoppers, Mites, Lygus Bugs, Satt-Marsh Caterpillar, False Chinch Bug and Thrips—Use % to 1 pint per acre. *For hard to kill insects, including aphids, use 1 quart per acre, but do not treat within 4 days of harvest.

Melons (Including Cantaloupe, Honeydew Melons, Muskmelons, Watermelons) (1): Aphids—Use % to % pint per acre. Cabbage Looper, Dipterous Leafminer (adult), Leafhoppers, Lygus Bugs, Mites, Salt-Marsh Caterpillar, False Chinch Bugs. Climbing Cutworms, Grasshoppers—Use % to 1 pint per acre. To control Rindworms. (Cabbage Looper, Cutworms, Salt-Marsh. Caterpillars. Tobacco Budworms) on watermelons apply % pint per acre.

Okra (1); For control of Aphids use % to % pint per acre. For control of Climbing Cutworms, Corn Earworms, Green Stink Bug. Mites and Velvet Bean Caterpillar.—Use % to 1 pint per acre.

Onions (Including Green Onions) (1): Thrips, Climbing Cutworms—Use % to 1 pint per acre.

Paraley (5)*: For control of Aphids apply 1 to 2 pints (0.5 lb. to 1.0 lb. a ir/acre) as a foliage application using a minimum of 40 gallons of water per acre by ground application or 10 to 15 gallons of water per acre by air application. For light infestation use lower dosage of 1 pint (0.5 lb. a ir/acre). For hard to kill insects and increased populations use 2 pints (1.0 lb. a.ir/acre). Do not treat later than 8 days before harvest for higher doses. Begin application when insects first appear and repeat as often as necessary to maintain control. Do not treat more than 3 times between harvests.

Peas (including Vines) (1): Aphids—Use % to % pint per acre. For control of Grasshoppers, Leafhoppers, Mites and Climbing Cutworms—Use % to 1 pint per acre.

Potatoes (1): Aphids—Use A to % pint per acre. Grasshoppers. Leafnoppers. Mites—Use A pint per acre.

Spinach (4):* For control of Aphids—Use ¼ to ½ pint per acre. For control of Cabbage Looper, Imported Cabbageworm, Grasshoppers, Leafhoppers, Mites Dipterous, Leafminer (adult). Climbing Cutworms, Salt-Marsh Caterpillar and False Chinch Bug—Use ¼ to 1 pint per acre. *For hard to kill insects, including Aphids—Use 1 quartiper acre, but do not treat within 7 days of harvest.

Summer Squash (1): For control of Aphids—Use A to A pint per acre. For control of Cabbage Looper. Dipterous Leafminer (adult). Leafhoppers. Lygus Bugs. Mites, False Chinch Bugs. Sait-Marsh Caterpiliar. Climbing Cutworms and Grasshoppers—Use 14 to 1 pint per acre.

Tomatoes (Outdoor) (1): Applieds—Use A to 1 pint per acie. Grasshoppers Leafhoppers and Mites—Use A to 1 pint per acre.

Turnips (3): For control of Aphids—Use W to Aphint per acre. For control of Cabbage Looper, imported Cabbage Worm, Grasshoppers, Leathoppers, Mites-Faise Chinch Bug and Dipterous Leatminer (adult)—Use % to 1 pint per acre.

Greenhouse: Diruled Phosonin 4.0 Misciple should be applied in a closed greenhouse (close all doors, windows and ventilators). Lock or barricade all entrances, post warning signs, and take whatever procautions are necessary to prevent unprotected humans and domestic animals from entering the treated area. The operator must wear a full-face mask of a type found adequate for mevinphos (Phosonin) protection. Apply any time the greenhouse ventilators can remain closed for two hours without endangering crops from high temperatures, such as early morning, cloudy days or late afternoons. If application is made during the day, keep the greenhouse closed tightly for at least two hours then ventilate the enclosure thoroughly for an hour before resuming regular work. If application is made in the late afternoon, the house can be kept closed all night. On the following morning, ventilate for one hour to render the air safe for regular work.

Lettuce (Including Leaf, Bibb and Romaine) (10): Aphids, Corn Earworms Climbing Cutworms, Dipterous Leafminer (adult), Cabbage Looper, Imported Cabbage Worm, Grasshoppers. Mites. Lygus Bugs, Salt-Marsh Caterpillars, False Chinch Bugs and Thrips—Use 114 to 2% pints per 50,000 cu ft.

Dealers Should Sell in Original Packages Only, Terms of Sele or Use: On purchase of this product buyer and user agree to the following conditions. Plants Chemical Co., Two (Plants)

Warranty: Imakes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is soid as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk $\frac{1}{2\pi}$.

Use of Product: * recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.