

Reg # 34704-546

PM-14

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Platte Chemical Company
419 18th Street
P.O. Box 667
Greeley, CO 80632

Gentlemen:

Subject: Revised Labeling
Clean Crop Dibrom SEC
EPA Registration No. 34704-546
Your Letter Dated March 11, 1991

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 you:

1. Make the labeling changes listed below before you release the

a. For use on grapes, the label must state: Ground and Airblast Application (California Only): Prebloom - Overwintering Leafhoppers, Thrips, Postbloom - Drosophila, Leafhoppers - 1 pt. in a minimum of 20 gals. water per acre. Do not use on Italia varieties as fruit injury may occur. Do not apply within 1 day of harvest. Do not enter vineyards for 24 hours following treatment.

b. Also as stated in the Agency's letter to you dated January 28, 1991, melons and squash must be removed from the label.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

BEST AVAILABLE COPY64964-L: Cronwell-L14-3-KEVRIC-4/19/91-5/17/91-EK-WO-EK
CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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.

Sincerely yours,

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

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NALED INSECTICIDE

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, registration is required for this pesticide. No. 34704-546

For Agricultural or Commercial Use Only

ACTIVE INGREDIENT:	BY WT.
Naled (1,2-dibromo-2,2-dichloroethyl dimethyl phosphate)	58.0%
INERT INGREDIENTS*	42.0%
TOTAL	100.0%

Contains 8 pounds technical naled per gallon equivalent to 7.2 pounds naled.

* This product contains Xylene Range Aromatic Solvents.

KEEP OUT OF REACH OF CHILDREN DANGER—PELIGRO

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 Statement.

EPA REG. NO. 34704-546

EPA EST. NO. 39184-WA-1

NET CONTENTS 1 GALLON

* DIBROM is a Registered T.M. of Chevron Chemical Co.

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. Causes irreversible eye and skin damage. May be fatal if swallowed, inhaled or absorbed through the skin. May cause allergic skin reaction. Do not get in eyes, on skin, or on clothing. When handling this material wear impervious protective clothing including gloves, apron, overshoes, chemical goggles and face shield. Do not breathe vapor or spray mist. Wear a MSHA/NIOSH approved pesticide respirator. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

Keep children and animals off treated areas. (Does not apply to uses for adult mosquito control or fly control or rangeland pests).

FIRST AID

If in eyes, hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention immediately.

If inhaled, remove victim to fresh air. If not breathing, give artificial respiration and get medical attention immediately.

If swallowed, drink 1 or 2 glasses of water (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control Center or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest medical emergency treatment center.

If on skin, wash with plenty of soap and water. Get medical attention immediately.

Note to Physicians: Naled is a cholinesterase inhibitor. Measurement of blood cholinesterase activity may be useful in monitoring exposure. If signs of cholinesterase inhibition appear, atropine sulfate is antidotal. 2-PAM (Protopam) is also antidotal and may be used in conjunction with atropine, but should not be used alone. Mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and wildlife. Do not apply directly to water or wetlands (swamps, bogs, marshes and pot-holes). Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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 product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops or weeds while bees are actively visiting the treatment area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE. KEEP OUT OF REACH OF CHILDREN. DO NOT USE OR STORE near heat, open flame, sparks or hot surfaces. USE ONLY IN WELL VENTILATED AREA. Keep container closed. Clean up spills immediately. Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment and electrical motors and switches. Fire hazards is greater as liquid temperature rises above 85°F.

DO NOT heat this container. Replace cap or bung. Emptied container still contains hazardous or explosive vapor or liquid.

DIRECTIONS FOR USE

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

Do not apply this product through any type of irrigation system.

Do not spray on Neclaries, Ornamental Cherries, Liquidambar or Chrysanthemums as injury may occur. Do not store diluted spray. Use new dilution for each use. Wash equipment thoroughly after use.

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 prior to 24 hours after application without protective clothing.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

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.

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. 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. An example of such information is given under written warnings. 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:

DANGER

Area treated with NALED on (insert date). Do not enter without appropriate protective clothing until 24 hours after application (insert State Department of Agriculture's reentry interval, if more restrictive).

In case of accidental exposure to pesticide spray wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.



BEST AVAILABLE COPY

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal, or cleaning equipment. Open dumping is prohibited.

PESTICIDE STORAGE: Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children and animals. Store in original container only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. Not for use or storage in or around the home. Do not store diluted spray.

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

To confine spill: dike surrounding area and absorb with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify 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: 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. Do not cut or weld metal containers. Glass: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures. 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.

APPLICATION

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS WATER PER ACRE UNLESS OTHERWISE NOTED:

GROUND APPLICATION: Vegetable and Field Crops—30 to 250 gals. Cotton—3 to 20 gals. Deciduous Fruit Crops—60 to 800 gals. Citrus—400 to 3000 gals. (On Young Fruit Plantings—Use a minimum of 15 gals. water per acre.)

Where Recommended for **AIR APPLICATION:** Field Crops—3 to 10 gals. A short residual contact insecticide for kill of insect and mite adults and larvae present at the time of application.

Begin application at first sign of insects. Repeat as necessary. Do not apply within 4 days of harvest unless otherwise noted. Do not use with highly alkaline materials such as lime or bordeaux.

MIXING DIRECTIONS: Add to spray tank when $\frac{1}{4}$ to $\frac{1}{2}$ full with agitator running and maintain agitation until spraying is completed. Make new dilution for each use. Wash metal equipment thoroughly after use to avoid corrosion.

ALFALFA: Aphids, Loopers, Leafhoppers, Lygus Bugs, Alfalfa Webworms, Armyworms—1 pt. per acre. **ALFALFA (Seed):** Lygus, Mite Suppression (1 application). Mites — (2 applications at 7 day intervals.) Thrips — $\frac{1}{2}$ pt. per acre. Combine with recommended chemicals for residual control. By Air — Use at least 10 gals. water per acre.

BEANS (Dry or Field), SOYBEANS, LIMA BEANS, and PEAS for Processing: Alfalfa Looper, Aphids, Spider Mites, Lygus, Leaf Miner; **GREEN BEANS:** Aphids, Spider Mites, Loopers, Nodulids, Leafhoppers — 1 pt. per acre in water to cover 100 gals. per acre is preferable. Large Loopers, Stink Bugs — $1\frac{1}{2}$ pts. per acre in water to cover. Make only one application per 7 day period. Do not apply within 1 day of harvest. Do not feed treated vines.

BROCCOLI, CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS, KALE, COLLARDS: Imported Cabbageworm, Diamond-Back Caterpillars, Aphids — 1 pt. per acre. Looper — 2 pts. per acre. May be used 1 day before harvest, except do not apply to kale and collards within 4 days of harvest.

CELERY: Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf Miners — Use ground application only with fine mist spray — 1 pt. in 50 to 75 gals. water per acre on plants less than $\frac{3}{4}$ grown. On large plants use $1\frac{1}{2}$ pts. in 100 to 150 gals. water per acre. Do not apply within 1 day of harvest.

COTTON: Lygus — $\frac{1}{2}$ to 1 pt. per acre by air or ground. Leaf Perforator, Fleahoppers, Armyworms, Bollworms, Loopers and for Suppression of Mites — 1 pt. per acre by air or ground. Apply at 7 to 10 days intervals while pests persist. **FOR HEAVY POPULATION OF LISTED INSECTS —** Use $\frac{1}{2}$ pt. per acre by air or ground in control programs with other insecticides registered for use on cotton. Do not apply after first bolls open. Do not graze livestock in treated fields.

cannery markets as fruit russetting will occur.

MELONS (Cantaloupes, Honeydew, Muskmelons, Watermelons), PUMPKINS, WINTER SQUASH: Loopers, Armyworms, Leafhoppers, Spider Mites, Leaf Miners — 1 to 2 pts. per acre (200 gals. diluted spray per acre). May be used 1 day before harvest. Do not apply when temperature is over 90°F.

ORANGES, LEMONS, GRAPEFRUIT, TANGERINES: Aphids, Soft Brown Scale Crawlers, Mites, Citrus Cutworms, Leaf Roller (Tortrix) — 1 pt. to 100 gals. water. Thrips (Bloom) — $\frac{1}{2}$ pt. per 100 gals. water. Use up to 7 days of harvest. (Calif. and Ariz. — Do not apply within 1 day of harvest.) Do not enter citrus groves for 24 hours following treatment.

STRAWBERRIES: Leaf Roller, Spider Mites, Aphids, Omnivorous Leaf Tier, Spittlebugs (Northwest) — 1 pt. per acre. May be used 1 day before harvest.

SUGAR BEETS: Spider Mites, Leafhoppers — 1 pt. per acre by air or ground. By Air — Use in 1 to 5 gals. water per acre. Do not apply within 2 days of harvest.

WALNUTS: Aphids — $\frac{1}{2}$ to 1 pt. in 100 gals. water. Aerial Application (California Only) — Aphids, Red Humped Caterpillar — Apply $1\frac{1}{2}$ to 2 pts. per acre in 10 to 20 gals. of water by air. Do not apply within 10 days of harvest. Do not graze live stock in treated orchards.

FOREST AND SHADE TREES: CONIFERS (Arbovitae, Douglas Fir, Fir, Hemlock, Juniper, Pine, Spruce): Suppression of Two-Spot and Red Spider Mites, Aphids, Zimmerman Moths, Juniper Webworms, Tussock Moths, Spruce Budworms, Adult Sierra Fir and Western Hemlock Bark Borers.

BROADLEAF TREES (Ash, Birch, Black Walnut, Box Elder, Dogwood, Elm, Evergreen Pear, Flowering Plum and Quince, Locust, Magnolia, Maple, Oak, Sycamore, Willow): Suppression of Two-Spot and Red Spider Mites, Aphids, Leaf Miners, Thrips, Elm Leaf Beetles, California Oakworms (Calif. Only), Spring and Fall Cankerworms, Fall Webworms, Oak Webworm and Tussock Moths — 1 pt. in 100 gals. water. Use when infestation is evident, repeat as necessary.

GREENHOUSE, VAPOR TREATMENT OF ROSES; OTHER ORNAMENTAL PLANTS: Spider Mites, Adult Whiteflies, Aphids, Leafrollers, Mealybugs — 1 fluid ounce per 10,000 cu. ft. when plants are dry. Apply undiluted on heat pipes (or in open pans on hot plates). Apply continuously or to intermittent sections of pipe on each side and on 1 or more of the pipes through center of each range depending upon width. Application to cold pipes should be followed by immediately heating pipes to 160°F. In steam heated houses, close vents for at least 1 hour after pipes are hot. With hot water systems, close house for at least 3 hours. Houses may remain closed overnight following treatment. When application is made to hot pipes, wear goggles and approved respirator. Ventilate house before workers reenter. Wear respirator when entering treated houses to ventilate. Protect hives of bees in houses by covering with plastic or rubber sheet during treatment and until house is ventilated. Spider Mites (resistant and non-resistant) — Make 3 to 4 treatments at 3 or 4 day intervals. Repeat as necessary. Adult Whiteflies — Make 2 applications at 7 day intervals. Repeat as necessary. Aphids — Apply when aphids appear. Repeat as necessary. **WARNING —** Avoid overtreatment and direct application to plants as injury may result. White Butterfly and Golden Rapture Roses, Pink Champagne Chrysanthemums, Green Wandering Jew, Poinsettias and Dutchman's Pipe may be injured by DIBROM vapor.

FRUIT FLIES (Drosophila sp.) In an around Food Processing plants, Loading Docks, Cull Piles and Refuse Areas, Cider Mills — Use 2 ounces in $2\frac{1}{2}$ gals. water (5 pts. to 100 gals.) as a coarse spray to walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply every 5 to 7 days as necessary. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, foodstuffs and food processing machinery. Do not spray surfaces which will come into contact with foods. Cover food containers during spraying. Foods should be removed or covered during treatment. All food processing surfaces should be covered before using. When using the product in these areas, apply only when the facility is not in operation.

ADULT MOSQUITO, GNAT, STABLEFLY (Dog Flies), and HOUSEFLY CONTROL — RESIDENTIAL AREAS, CROPS LISTED ON LABEL, TIDAL MARSHES, SWAMPS, WOODLAND, LIVESTOCK PASTURES, FOOD LOTS, and PASTURES including DAIRY CATTLE: Consult your State Fish and Game Agency before applying this product. It is not necessary to avoid farm buildings and dairy barns. Make applications during peak of infestation and repeat as necessary. See crop recommendations for use limitations near harvest. This rate of application will kill shrimp. Do not apply to tidal or marsh waters which are important shrimp productivity areas. Treat shrubbery and vegetation where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shore lines may be treated. Application of this product to any body of water is prohibited. **AIRCRAFT:** East — Apply 0.8 to 4 fluid ounces per acre diluted with water. Apply 2 to 8 quarts of diluted spray per acre. **MIST OR COLD FOG:** Use 3 to 5 quarts per 100 gals. water. Calibrate the equipment (rate of travel and output) to apply 0.1 to 0.25

EPA REG. NO. 34704-546

pounds technical Naled per acre. Do not make more than one application every 10 days to pastures or other areas where lactating dairy cattle are being held.

CORRALS, ADJACENT PASTURES, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses): Houseflies, Mosquitoes — Airplane Application — Use 1.6 to 4 fluid ounces per acre. Dilute 1 to 2 1/2 pts. in 10 gals. water. Apply 1 gal. diluted spray per acre. Apply over areas with animals present.

CLOVER MITES, ROACHES, EARWIGS and LEAFHOPPERS Outside Dwellings and in Lawns: Use 1 fluid ounce in 3 gals. water. Apply to turf and to soil surfaces around flowers, shrubs and trees for general pest cleanup.

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 the product. Crop injury, ineffectiveness, 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. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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FORMULATED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET FREMONT, NEBRASKA 68025