

MAY - 3 1994

J. Allen Dunlap III
Piatte Chemical Company
P.O. Box 667
Greeley, Colorado 80632-0667

Subject: Label Amendment of 2/2/94
Response to PR Notice 93-7
EPA Registration No. 34704-714
Paraspray 4-E

Dear Registrant:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

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 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

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Products (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,

DHE

Dennis H. Edwards, Jr.
Product Manager 19
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

PARASPRAY™ 4-E

EPA REG. NO. 34704-714

POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die. Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

+ STATEMENT OF PRACTICAL TREATMENT +

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition. **If Breathing Has Stopped**, start artificial respiration immediately and maintain until doctor sees victim. **If Swallowed**: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. **If in Eyes**: Flush eyes with plenty of water. Contact Physician Immediately. **If on Skin**: Flush skin with plenty of water. Contact Physician Immediately.

NOTE TO PHYSICIAN

Antidote - administer atropine sulfate in large doses. TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. 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. Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

This product is extremely toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL & 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.

For any requirements, contact the State Department of Agriculture or the agency to which you are registered.

Application Restrictions

Aerial Application Only - This product is to be applied only by a certified applicator. **FOR AERIAL APPLICATION ONLY - READ THE LABEL CAREFULLY.**

No Spray or Drift On Any Person - Do not spray or drift on any person. Do not spray or drift on any person who is working in or near the treated area. Do not spray or drift on any person who is working in or near the treated area. Do not spray or drift on any person who is working in or near the treated area.

Areas Where Application is Prohibited - Do not apply this product where the low cloud ceiling is less than 100 feet. Do not apply where the low cloud ceiling is less than 100 feet. Do not apply where the low cloud ceiling is less than 100 feet.

Crop Limitations - This product may not be applied to any crop other than a late barley, corn, cotton, soybeans, sorghum, and wheat. Any treated crop must be harvested only by mechanical means. Hand harvesting of treated crops is prohibited.

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

Drift Reduction Measures - Do not apply this product within 100 feet of any body of water. Do not apply this product within 100 feet of any body of water. Do not apply this product within 100 feet of any body of water.

AGRICULTURAL USE REQUIREMENTS

1. Each person who enters a restricted area must wear the appropriate personal protective equipment (PPE) for the activity being performed. 2. Each person who enters a restricted area must wear the appropriate personal protective equipment (PPE) for the activity being performed. 3. Each person who enters a restricted area must wear the appropriate personal protective equipment (PPE) for the activity being performed. 4. Each person who enters a restricted area must wear the appropriate personal protective equipment (PPE) for the activity being performed. 5. Each person who enters a restricted area must wear the appropriate personal protective equipment (PPE) for the activity being performed. 6. Each person who enters a restricted area must wear the appropriate personal protective equipment (PPE) for the activity being performed. 7. Each person who enters a restricted area must wear the appropriate personal protective equipment (PPE) for the activity being performed. 8. 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PARASPRAY™ 4-E

EPA REG. NO. 34704-714

on alfalfa grown for seed, use 1/2-1 1/2 pints per acre. California and Nevada regulations limit the use of this material to not more than 3/4 pint per acre. For clover head weevils, spider mites, blister beetles, Asiatic garden beetles, sweet clover weevils, and green June beetles, use 1 1/2 pints per acre. For beet armyworms and corn earworms use 1 to 1 1/2 pints per acre. Do not spray alfalfa during bloom period to avoid injury to honey bees.

CORN (12) — For control of European corn borers, use 2 pints per acre. Apply the first spray when 75% of the corn plants show "shot-hole" feeding and follow with two additional sprays at 5 to 7 days intervals. Use sufficient water per acre to provide complete coverage and be certain whorls of plant are well treated. For corn leaf aphids, use 1/2 pint per acre. For fall armyworms, corn earworms, corn rootworm adults, armyworms up to third instar, climbing cutworms, grasshoppers and Japanese beetles, use 3/4 pint per acre. To control stink bugs and spider mites, use 2 pints per acre. To control chinch bugs, use 1 1/2 pints per acre.

COTTON (7) — To control aphids, spider mites, cotton leafworms, cotton fleahoppers, garden webworms and thrips, use 1/2 pint per acre. For cabbage loopers, use 3/4 to 1 pint per acre. For boll weevils and stink bugs, use 1 to 1 1/2 pints per acre. For salt-marsh caterpillars, use 1 to 2 pints per acre. For bollworms, cotton leaf perforators, Lygus bugs, false chinch bugs, serpentine leaf miners and southern garden leafhoppers, use 1 quart per acre. Use enough water for complete coverage. Make first application when insects appear and repeat at 7 day intervals if required. If desired, this formulation may be combined with other insecticides in a complete cotton spray program.

WHEAT and BARLEY (15) — To control armyworms up to third instar, aphids, (greenbugs) and winter grain mites, use 1 1/2 pints per acre. For thrips, use 1/2 to 3/4 pint per acre. For Say's plant bugs, use 3/4 pint per acre. For black grass bugs, stink bugs, white spider mites, leafhoppers, climbing cutworms, grasshoppers and brown wheat mites, use 1 1/2 pints per acre. For chinch bugs, false chinch bugs and bank grass mites, use 1 1/2 pints per acre.

SORGHUM (12) — To control sorghum midge, apply at rate of 1/2 pint to 1 quart per acre. 2 applications 3 to 5 days apart when approximately 90% of the heads have completely emerged from the boot or not later than start of blooming. For corn leaf aphids, greenbugs and mites, use 1/2 pint to 2 pints per acre. For sorghum webworms, fall armyworms, armyworms up to third instar, and corn earworms, use 3/4 to 2 pints per acre. To control chinch bugs, use 1 1/2 pint per acre. Leaf injury may occur on some hybrid varieties of sorghum. Spray a few rows a week or so before booting to test effects on plants.

SOYBEANS (15) — To control webworms, use 1/2 pint per acre. To control velvet bean caterpillars, green cloverworms, two-spotted mites and stink bugs, use 1 pint per acre. To control corn earworms and fall armyworms, use 1 to 1 3/4 pints per acre.

SUNFLOWERS (30)—To control sunflower moth, use 1 to 2 pints per acre with 2 to 3 repeat applications at 5 day intervals. Hybrid sunflowers completely bloom in 12 to 15 days thus the initial application should be made at onset of flowering before 10% of plants begin to flower and moth and young larvae are present.

NOTICE OF WARRANTY

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, 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.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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FORMULATED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET FREMONT, NEBRASKA 68025-5697