

APR 19 1994

J. Allen Dunlap, III  
Agent for: Platte Chemical Co., Inc.  
P.O. Box 667  
Greeley, Colorado 80632

Subject: Label Amendment of 2/2/94 in Response to PR Notice 93-7  
EPA Registration No. 34704-717  
Paraspray 8-E

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 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)

Attachment

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

J Allen Dunlap III  
WILLIAM M. MAHLBURG  
AGENT FOR: PLATTE CHEMICAL CO., INC.  
- BOX 667  
GREELEY CO 80632

Comment for: EPA Reg Nr.34704-717  
PARASPRAY 8-E.

The following specific comments pertain to your WPS  
labeling submission concerning the product  
cited above:

No comment.

PROPOSED LABEL

# RESTRICTED USE PESTICIDE

Due to very high acute toxicity to Humans and Birds

For retail sale only to certified commercial aerial applicators or persons under their direct supervision. For use only by certified commercial aerial applicators. Direct supervision for this product is defined as the certified commercial applicator being physically present during mixing, loading, repair and cleaning of application equipment. Certified commercial applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

ACCEPTED with COMMENTS in EPA Letter Dated

# PARASPRAY™ 8-E

APR 19 1994


Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 34704-717

## Organophosphate Insecticide COMPLETE DIRECTIONS FOR USE

ACTIVE INGREDIENTS:

Parathion (O,O diethyl-O-p-nitrophenyl-phosphorothioate) .....	76.35%
Related Compounds .....	2.41%
INERT INGREDIENTS: .....	21.24%
TOTAL	100.00%

Contains 8 pounds of Parathion per gallon.

**DANGER—POISON—PRECAUTIONS**  
**KEEP OUT OF REACH OF CHILDREN**  
**DANGER POISON**  
**PELIGRO** 

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.)

EPA REG. NO. 34704-717  
 EPA EST. NO. \_\_\_\_\_  
 NET CONTENTS \_\_\_\_\_ GAL. ( \_\_\_\_\_ L)  
 3814 WPSEXP10R93

Use Only According To These Label Instructions  
See Below For Additional Precautions and Statement of Practical Treatment.



### CAN KILL YOU IF SWALLOWED

This product can kill you if swallowed even in small amounts; spray mist may be fatal if swallowed.



### CAN KILL YOU BY SKIN CONTACT

This product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).



### CAN KILL YOU IF BREATHED

This product can kill you if vapors or spray mist are breathed.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

### DANGER

POISONOUS IF SWALLOWED. IRRITANT AND ABSORBED THROUGH SKIN. POISONOUS BY SKIN CONTACT. POISONOUS IF BREATHED.

**THIS PRODUCT MAY BE FATAL IF SWALLOWED OR INHALED, OR IF ALLOWED TO CONTACT SKIN. FAILURE TO PROPERLY FOLLOW ALL INSTRUCTIONS FOR PERSONAL PROTECTIVE EQUIPMENT WILL INCREASE YOUR RISK.**

**Personal Protective Equipment**  
Some individuals may be more sensitive to this product and should wear additional protective clothing. For more information, see the Safety Data Sheet (SDS) for this product.

Mixers and loaders (who must use the closed system described elsewhere on this label) must wear protective clothing and shoes, and gloves. Do not use this product in enclosed cockpits.

Applicators (pilots in enclosed cockpits) must wear goggles, gloves, and shoes. Do not use this product in enclosed cockpits. Do not use this product in enclosed cockpits. Do not use this product in enclosed cockpits. Do not use this product in enclosed cockpits.

### User Safety Requirements

Do not use this product in enclosed cockpits. Do not use this product in enclosed cockpits. Do not use this product in enclosed cockpits. Do not use this product in enclosed cockpits.

### User Safety Recommendations

Wash hands thoroughly with soap and water after handling this product. Do not use this product in enclosed cockpits. Do not use this product in enclosed cockpits.

**BEST AVAILABLE COPY**

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[REDACTED]

**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 the 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**

**COMBUSTIBLE**  
DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.  
DO NOT USE IN UNDILUTED FORM

**DIRECTIONS FOR USE**

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

**Application Restrictions**

Aerial Application Only  
No Spray or Drift On Any Person  
Areas Where Application is Prohibited

[REDACTED]

**AGRICULTURAL USE REQUIREMENTS**

[REDACTED]

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**PARASPRAY 8-E**  
**EPA REG. NO. 34704-717**

certified applicator or the owner of the treated land must notify by telephone the Chief, Compliance Branch, Office of Compliance Monitoring, USEPA, at (202) 260-3375 within seven days of becoming aware of the incident.

**CROP USE DIRECTIONS**

**ALFALFA** (15 days to harvesting, cutting or foraging)—For sweet clover aphids, three-cornered alfalfa hoppers, alfalfa caterpillars, and spittlebugs, use  $\frac{1}{4}$  pint per acre. For aphids, alfalfa weevil larvae, and adult weevils, armyworms, clover leaf weevils, climbing cutworms, webworms, grasshoppers, crickets, spotted alfalfa aphids, leafhoppers, Lygus bugs, thrips and tortricid moths, use  $\frac{1}{4}$  to  $\frac{1}{2}$  pint per acre. For control of range caterpillar, use  $\frac{1}{2}$  pint per acre. For alfalfa seed chalcids control on alfalfa grown for seed, use  $\frac{1}{4}$  to  $\frac{1}{2}$  pint per acre. California and Nevada regulations limit the use of this material to not more than  $\frac{3}{4}$  pint per acre. For clover head weevils, spider mites, blister beetles, Asiatic garden beetles, sweet clover weevils, and green June beetles, use  $\frac{1}{2}$  pint per acre. For beet armyworms and corn earworms use  $\frac{1}{2}$  to  $\frac{3}{4}$  pint per acre. Do not spray alfalfa during bloom period to avoid injury to honey bees.

**CORN** (12 days to harvesting, cutting or foraging)—For control of European corn borers, use  $\frac{1}{2}$  to 1 pint 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 day intervals. Use sufficient water per acre to provide complete coverage and be certain whorls of plant are well treated. For corn leaf aphids and grasshoppers, use  $\frac{1}{4}$  to  $\frac{1}{2}$  pint per acre. For fall armyworms, corn earworms, corn rootworm adults, armyworms up to third instar, climbing cutworms and Japanese beetles, use  $\frac{3}{8}$  pint per acre. To control sap beetles, stink bugs and spider mites, use  $\frac{1}{2}$  pint per acre. To control chinch bugs, use  $\frac{3}{4}$  pint per acre. To control corn earworm, fall armyworm, aphids and silkflies in Sweet Corn use  $\frac{1}{4}$  pint per acre.

**COTTON** (7)—To control aphids, mites, cotton leafworms, cotton fleahoppers, garden webworms and thrips, use  $\frac{1}{4}$  pint per acre. For some spider mites, use  $\frac{1}{8}$  to  $\frac{1}{4}$  pint per acre. For cabbage loopers, use  $\frac{3}{8}$  to  $\frac{1}{2}$  pint per acre. For boll weevils and stink bugs, use  $\frac{1}{2}$  to  $\frac{3}{4}$  pint per acre. For salt-marsh caterpillars, use  $\frac{1}{2}$  to 1 pint per acre. For bollworms, cotton leaf perforators, Lygus bugs, false chinch bugs, serpentine leaf miners and southern garden leafhoppers, use 1 pint 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 days to harvesting, cutting or foraging)—To control armyworms up to third instar, aphids (greenbugs) and winter grain mites, use  $\frac{1}{4}$  pint per acre. For thrips, use  $\frac{1}{4}$  to  $\frac{3}{8}$  pint per acre. For Say's plant bugs, use  $\frac{3}{8}$  pint per acre. For black grass bugs, stink bugs, white spider mites, leafhoppers, climbing cutworms, grasshoppers and brown wheat mites, use  $\frac{1}{2}$  pint per acre. For chinch bugs, false chinch bugs and banks grass mites, use  $\frac{3}{4}$  pint per acre.

**SORGHUM** (12 days to harvesting, cutting or foraging)—To control sorghum midge, apply at rate of  $\frac{1}{2}$  to 1 pint 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  $\frac{1}{4}$  pint per acre. For sorghum webworms, fall armyworms, armyworms up to third instar, and corn earworms, use  $\frac{3}{8}$  to  $\frac{1}{2}$  pint per acre. To control chinch bugs, use  $\frac{3}{4}$  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** (20 days to harvesting, cutting or foraging)—To control webworms, use  $\frac{1}{4}$  pint per acre. To control velvet bean caterpillars, grasshoppers, green cloverworms, two-spotted mites and stink bugs, use  $\frac{1}{2}$  pint per acre. To control corn earworms and fall armyworms, use  $\frac{1}{2}$  to  $\frac{4}{5}$  pints per acre. Do not apply more than twice per growing season.

**SUNFLOWERS** (30)—To control sunflower moth, use  $\frac{1}{2}$  to 1 pint 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 or before 10% of plants begin to flower and moth and young larvae are present.

**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, 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 68025-5887

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# RESTRICTED USE PESTICIDE

Due to very high acute toxicity to Humans and Birds

For retail sale only to certified aerial applicators or persons under their direct supervision. For use only by certified commercial aerial applicators. Direct supervision for this product is defined as the certified commercial applicator being physically present during mixing, loading, repair and cleaning of application equipment. Certified commercial applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

## SUPPLEMENTAL LABELING

(CONTAINS ADDITIONAL INFORMATION WHICH MAY NOT APPEAR ON PACKAGE LABEL.)

# PARASPRAY™ 8-E

EPA REG. NO. 34704-717  
EPA EST. NO. 34704-MS-1

**FOR USE ON CANOLA/RAPE (OILSEED VARIETIES ONLY)**

**ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE  
EPA REGISTERED LABEL ARE TO BE FOLLOWED.**

**THIS LABEL MUST BE IN POSSESSION  
OF USER AT THE TIME OF APPLICATION.**

### DIRECTIONS FOR USE

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

**CANOLA/RAPE (OILSEED VARIETIES ONLY)**—For control of Cabbage Seed Pod Weevils, Aphids, Diamondback Moth Larvae, and Flea Beetles, apply 0.5 pint of PARASPRAY 8-E per acre per application, in sufficient water for good coverage (3 to 10 gallons of water per acre).

Apply when damaging populations are present.

For control of Cabbage Seed Pod Weevil (*Ceutorhynchus assimilis*), treat when two or more Cabbage Seedpod Weevil may be found per plant on young pods.

For control of Aphids, treat about mid-growing season when insects populations reach economic thresholds.

For control of Flea Beetles, treat in early season when significant evidence of shot-holing by the adults becomes evident on rape seedlings.

For control of Diamondback Moth Larvae, treat about mid-growing season when populations reach economic thresholds and there is evidence of appreciable feeding beginning on rape flowers and/or pods.

A second application may be made if necessary. To protect pollinators apply only in the evening or early morning (this includes a period from 3 hours before sunset until 3 hours after sunrise of the following day). Preharvest interval is 28 days; do not treat within 28 days of harvest. DO NOT graze treated fields or feed treated forage or threshing waste to livestock.

FORMULATED FOR  
PLATTE CHEMICAL CO.

150 SO. MAIN STREET      FREMONT, NE 68025-5697