

PM 19 34704-94

File 10/10



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, D.C. 20460

APR 18 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

J. Allen Dunlap III  
WILLIAM M. MAHLBURG  
Agent for: PLATTE CHEMICAL CO., INC.  
P. O. Box 667  
Greeley, CO 80632-00667

Subject: Label Amendment Submission of 10/19/93 in Response to PR Notice 93-7  
EPA Reg. No. 34704-94  
METASPRAY 5E

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 other 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.



**Recycled/Recyclable**  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

2076

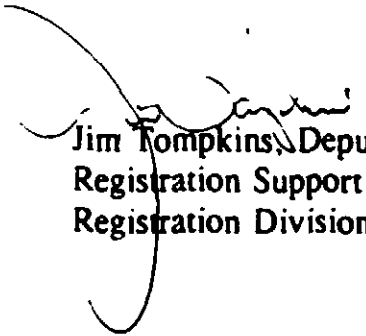
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (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,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

**BEST AVAILABLE COPY**

# RESTRICTED USE PESTICIDE

Due to very high acute toxicity to Humans and Birds

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

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# METASPRAY 5E

ACCEPTED  
AIR COMMENTS  
in EPA Letter Dated

APR 18 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 34704-94

PROPOSED LABEL

### Organophosphate Insecticide

ACTIVE INGREDIENTS	By Weight
O,O-dimethyl O-p-nitrophenyl thiophosphate*	50.92%
Related Products	2.68%
INERT INGREDIENTS	46.40%
<b>TOTAL</b>	<b>100.00%</b>

\*Methyl Parathion

**STOP! READ THE LABEL**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER  
PELIGRO**



**POISON**

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.)

See Below For Statement of Practical Treatment, Antidote and Additional Precautionary Statements

**NOT FOR HOME USE**  
EPA REG. NO. 34704-94  
EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_ GAL. ( \_\_\_\_\_ L)

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WPSEX09R93



#### 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 AND DOMESTIC ANIMALS**

## DANGER

### WORK SAFETY RULES

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of methyl parathion. 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 First Aid (Statement of Practical Treatment) section.

**IMPORTANT!** If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Respirators must be cleaned and filters replaced according to instructions included with the respirators. **DURING AERIAL APPLICATION, HUMAN FLAGGERS ARE PROHIBITED.**

### Personal Protective Equipment

Some mixing and application chemicals that start in this product are listed below. If you want more options, follow the instructions for category (P) on the EPA chemical resistance category selection chart.

Applicators and other handlers (other than mixers and loaders) must wear chemical resistant protective suit, chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, or viton, chemical resistant footwear plus socks, protective eyewear and chemical resistant headgear for overhead exposure. For exposures in enclosed areas, a respirator with a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) for exposures outdoors, dust mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Mixers and loaders must wear chemical resistant protective suit, chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, or viton, chemical resistant footwear plus socks, protective eyewear, chemical resistant headgear, and chemical resistant apron when mixing or loading. For exposures in enclosed areas, a respirator with a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) for exposures outdoors, dust mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washing, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering controls statements

When handlers use closed systems, enclosed cabs, or a craft in a manner that meets or exceeds the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 155.110 (d) (4-6)), the engineering control statements may be reduced or modified as specified in WPS.

### USER SAFETY RECOMMENDATIONS

#### Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and change into clean clothing.

Remove PPE immediately after handling this product. Wash the outside of your clothes before removing. As soon as possible, wash thoroughly and change into clean clothing.

### POISON SIGNS (Symptoms)

METHYL PARATHION is a very dangerous poison. It rapidly enters the body on contact with all skin surface 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.

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File to see  
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# METASPRAY 5E

EPA REG. NO. 34704-94

## 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: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IN CASE OF CONTACT, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor 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 aquatic invertebrates 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. Runoff and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product 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.

## PHYSICAL AND CHEMICAL HAZARDS

Do Not Use, Pour, Spill 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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or if be consult the agency responsible for pesticide regulation.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the protection of workers about personal protective equipment, notification to workers, and restricted entry intervals. The requirements for this product are those of the product that are specified by the Worker Protection Standard. Do not enter or allow workers entry into treated areas during the restricted entry interval. Each 48-hour REI is intended to be 24 hours in outdoor areas where average temperature is less than 80°F. PPE required for entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water. Chemical resistant protective suit, chemical resistant gloves, such as butyl or nitrile, amine, butyl rubber, nitrile rubber, or neoprene, chemical resistant boots, wear plus socks, protective eyewear, and chemical resistant hoodgear for overhead exposure. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

## STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly. STORAGE: Do not store below temperature of 0°F. Store in safe man-

ner. Store in original container only. Keep container tightly closed when not in use.

PROTECTIVE EQUIPMENT AND CLOTHING: Personnel should use clothing and equipment listed under "PRECAUTIONARY STATEMENT" when handling open containers.

SPILLED MATERIAL: Block or dike to prevent spreading of spill. Cover with absorbent material such as lime, clay or sawdust. Scoop and sweep into a disposable container. Wash area with strong lye solution, absorb and place into a disposable container.

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. 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.

## NOT FOR HOME USE

DO NOT USE IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH LABEL DIRECTIONS BECAUSE ANIMAL, PLANT OR CROP INJURY, ILLEGAL RESIDUES OR OTHER UNDESIRABLE RESULTS MAY OCCUR.

Dealers Should Sell in Original Packages Only

## APPLICATION INSTRUCTIONS

Use only according to label USE DIRECTIONS. Do not apply this product through any type of irrigation system.

## Directions for Mixing and Spraying

DIRECTIONS FOR MIXING: Mix in water with agitation; agitate while spraying. Use designated amount of product in the following gallons of water per acre unless otherwise noted: Vegetable and Field Crops—20 to 250 gallons by ground, 5 to 10 gallons by air.

THIS MATERIAL IS AN AGRICULTURAL PESTICIDE FOR USE BY GROUND OR AIR EQUIPMENT FOR THE FOLLOWING USES.

ALFALFA (Hay): Spotted Alfalfa Aphid—1/2 pint per acre. Alfalfa Weevil—4/5 pint per acre. Do not apply within 15 days of harvest. Do not apply if the crop or weeds in the treatment area are in bloom.

ALFALFA (Seed): Lygus Bugs, Stink Bugs—1 1/5 pints per acre. Aphids, Leafhoppers—4/5 pint per acre. Do not apply within 15 days of harvest. Do not apply during periods of bee activity. Do not apply if the crop or weeds in the treatment area are in bloom.

ARTICHOKES: Aphids, Fleabeetles—1 to 1 1/2 pints per acre. Do not apply within 7 days of harvest. Artichoke Plume Moth—1 3/5 pints per acre. For control of Artichoke Plume Moth: If plants are cut in April and May, begin application after September, and repeat at 14- to 21-day intervals as needed through December; 30-day intervals through January and February; 14-day intervals from March through the end of the picking season. Workers should not re-enter fields for 7 days following treatment. Do not apply within 7 days of harvest.

BEANS: (Dry, Green, and Lima): Aphids, Armyworms (up to 3rd instar), Fleahoppers, Leafhoppers, Red Spider Mites—1 to 2 pints per acre. Do not apply within 15 days of harvest to dry beans. Do not apply within 21 days of harvest for Green and Lima Beans. Do not apply to beans if the crop or weeds in the treatment area are in bloom.

BEETS: Aphids, Leafhoppers—1 pint per acre. Stink Bugs—1 3/5 pints per acre. Do not apply within 15 days of harvest.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, COLLARD, CAULIFLOWER, KALE: Aphids, Armyworms (up to 3rd instar), Fleahoppers, Leafhoppers, Red Spider Mites—1 to 2 pints per acre. Do not apply to listed Cole crops within 21 days of harvest.

CARROTS, POTATOES: Aphids, Fleabeetles, Leafhoppers, Red Spider Mites—Use 1 to 1 1/2 pints per acre. On Carrots—Do not apply within 15 days of harvest. Do not feed Carrot tops. On Potatoes—Do not apply within 5 days of harvest.

CELERY, PEAS: Aphids, Leafhoppers, Fleabeetles, Lygus Bugs—3/4 to 1 1/2 pints per acre. Do not apply within 15 days of harvest. PEAS: To avoid injury to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom.

COTTON: Cotton Fleahoppers, Aphids, Stink Bugs—1 to 4 pints per acre. Cotton Bollworm—Use 1 3/5 pints per acre. Red Spider Mites—4/5 pint per acre. At rates of 4/5 pint through 1 3/5 pints, application may be made up to the day before harvest, if harvest will be with mechanical pickers and if handpicking there is a 5 day interval. Mechanical pickers must be used with a 7 day preharvest interval at rates above 1 3/5 pints through 4 pints. Workers entering field within 48 hours of application should wear protective clothing.

LETTUCE: Aphids, Fleabeetles, Leafhoppers—1 to 1 1/2 pints per acre

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# METASPRAY 5E

EPA REG. NO. 34704-94

Cabbage Loopers—1 3/4 pints per acre. Do not use within 21 days of harvest.

SPINACH: Cabbage Loopers—1 to 1 1/2 pints per acre. Do not use within 21 days of harvest.

## NOTICE TO BUYER

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 AN PARTICULAR TRADE USAGE.

*PROPOSED LABEL*

*5 of 6*

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

6076

## RESTRICTED USE PESTICIDE

Due to very high acute toxicity to Humans and Birds  
For retail sale to and use only by certified applicator or persons under their direct supervision and only for those uses covered by the certified applicator's certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Commercial certified 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.)



# METASPRAY 5E

EPA REG. NO. 34704-94

### CHANGE IN BEE STATEMENT FOR PEAS

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

**THIS LABEL AND THE FEDERAL 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.

PEAS — For control of Aphids, Leafhoppers, Flea Beetles, Lygus Bugs use  $\frac{3}{4}$  to  $1\frac{1}{2}$  pints per acre. Do not apply within 15 days of harvest. To avoid injury to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom.

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Read NOTICE on product label for limit of manufacturer's warranty.

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