

Reg. #

10815
Pm 12
8590-204

JUN 21 1984

Julius C. Prinzo
Agway Inc.
P.O. Box 4933
Syracuse, NY 13221

Dear Mr. Prinzo:

Subject: Amended Registration, Label Revision
Parathion SE
EPA Registration No. 8590-204
Your Letter Dated May 23, 1984

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.

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

RD-IRB:DCR-28540:Ellenberger:mar:Raven:557-2226:RD-38:6/11/84:Del.6/28/84

CONCURRENCES

CONCURRENCES								
SYMBOL ▶								
SURNAME ▶								
DATE ▶								

FOR:

AGWAY PARATHION 8E

DATE: 4/4/84

((FRONT PANEL))

NET CONTENTS

5 Gal.

18 pt)

PICA 30 CHARACTERS
EL TE - 10 CHARACTERS

RESTRICTED USE PESTICIDE

FOR RETAIL SALE TO AND USE ONLY
BY CERTIFIED APPLICATORS OR PERSONS
UNDER THEIR DIRECT SUPERVISION AND
ONLY FOR THOSE USES COVERED BY THE
CERTIFIED APPLICATOR'S CERTIFICATION.

AGWAY

PARATHION 8E

Contains 8 lbs of parathion per gallon.

ACTIVE INGREDIENTS:

Parathion (0,0-Diethyl 0-p-nitrophenyl phosphorothioate)	79.00%
Xylene range aromatic solvent	6.55%

INERT INGREDIENTS:

	14.45%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN (12 pt)

DANGER
(18 pt)



PELIGRO
(18 pt)



POISON
(18 pt)

PRECAUCION AL USUAKIO: Si Usted Nolee ingles, No use este producto hasta que le etiqueta haya sido explicado ampliamente.

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, have victim 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. Have victim lie down, keep quiet. Get medical attention.

ACCEPTED
with COMMENTS
EPA Letter Date:

JUN 21 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
8590-204

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If inhaled, remove victim to fresh air. Apply artificial respiration, if indicated.

If on skin, remove any contaminated clothing. Wash affected areas with soap and water. Contact a physician immediately.

If in eyes, wash with plenty of clean water. See a physician immediately.

See antidotes and additional precautionary statements on side panel.

MANUFACTURED FOR:

AGWAY INC.
Chemical Division
Box 4933
Syracuse, New York 13221

EPA Reg. No. 8590-204

EPA Est. No. 279-FL-1

PCA - CHARACTERISTICS
EPA - CHARACTERISTICS

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COPY

FOR:

AGWAY PARATHION 8E

DATE: 4/4/84

((SIDE PANEL))

100 CHARACTERS
100 CHARACTERS

DIRECTIONS FOR USE

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

READ THESE ENTIRE DIRECTIONS AND DISCLAIMER. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

FOR AERIAL APPLICATIONS: Apply the amount of product specified for crop in 1 to 20 gallons of water per acre.



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 for 48 hours unless appropriate protective clothing is worn.

RE-ENTRY

Do not enter treated areas without protective clothing until sprays have dried. 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. 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.

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. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information:

DANGER (18 pt)  PELIGRO (18 pt)  POISON (18 pt)

(Insert area or field description) treated with Parathion on (insert date of application). Do not enter treated areas without protective clothing until sprays have dried. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Parathion and describe his condition. For further information see the "Statement of Practical Treatment."

Oral warnings must include the same information that is in the written warnings.

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FOR: AGWAY PARATHION 8E

DATE: 4/4/84

FRUIT

APPLES: Apply at Petal Fall and repeat at 10 to 14 day intervals as necessary for control of Codling Moth, Plum Curculio, Orange Tortrix, San Jose, Forbes and Scurfy Scale, Red-banded Leaf Roller (second and third broods), Woolly Apple Aphid and Mealy Bugs - Use 4 oz. per 100 gallons of water. For control of Bud Moth, Red Bug, Fruit Tree Leaf Roller (first brood), Grasshoppers, European Red Mite, Two-spotted Mite, Pacific Mite, Schoene Mite, Willamette Mite and Clover Mite - Use 3 oz. per 100 gallons of water.

For certain mites, such as Two-spotted Mites, repeat applications at 7 to 10 day intervals during the summer months. Do not apply to MacIntosh or related varieties, because fruit and foliage injury may result under certain conditions. Do not apply within 14 days of harvest.

CHE'RRIES: For control of Aphids and Mites - Use 2 to 3 oz. per 100 gallons of water. Repeat application in 7 to 10 days as necessary. For control of Fruit Fly, Fruitworm, Plum Curculio - Use 4 to 5 oz. per 100 gallons of water. Do not apply within 14 days of harvest.

PEACHES: (Areas other than California): For control of Plum Curculio, Oriental Fruit Moth, San Jose Scale, and Catfacing Insects - Use 4 to 5 oz per 100 gallons of water. For Plum Curculio and Oriental Fruit Moth apply at petal fall and repeat at 10 to 14 day intervals until control is achieved. For control of Fruit Tree Leaf Roller, Cottony Peach Scale, Green Peach Aphid, Spider Mites and Shot-hole Borer - Use 4 oz per 100 gallons of water. For control of Peach Tree Borer - Use 4 to 5 oz per 100 gallons of water. Make applications during appearance of moths in early to late summer. Apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Do not apply within 14 days of harvest or more than a total of 5 pints of Parathion 8E per acre per year on Peaches.

PEARS: For control of Pear Psylla - Use 3 oz per 100 gallons of water. Apply either as pre-blossom or post-blossom spray. For control of Pear Blister Mites - Use 4 oz per 100 gallons

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of water. Apply as a pre-bloom spray. Use dosages listed under "APPLES" for control of Codling Moth, Mealybug, Woolly Aphid and certain mites. Under some conditions, injury may occur on Bosc pears in the Northeast. Do not apply within 14 days of harvest.

PKA - 10 CHARACTERS
ELITE - 40 CHARACTERS

PLUMS AND PRUNES: For control of Plum Curculio - Use 4 to 5 oz. per 100 gallons of water. Apply at petal fall and repeat at 10 to 14 day intervals until control is achieved. For control of Bud Moth, Mealy Plum Louse, Leaf Roller, Leafhoppers, Aphids and Mites - Use 4 oz. per 100 gallons of water. For control of San Jose Scale (when crawlers emerge) - Use 4 oz. per 100 gallons of water. Do not apply within 14 days of harvest.

CAUTION: Do not thin fruit or prune trees in dense orchards until at least two weeks have been allowed for dissipation of vapors from residues.

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BERRIES AND GRAPES

Use 100 gallons of spray per acre unless otherwise noted.

BLUEBERRIES: For control of Blossom Weevil, Cherry Fruitworm, Cranberry Fruitworm and Plum Curculio - Use 6 oz. per acre in sufficient water

SHEET NO. 5 of 14

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for good covering. Do not apply within 14 days of harvest. Do not exceed 6 oz. of Parathion 8E per acre.

PCA - 18 CHARACTERS
LITE - 18 CHARACTERS

CRANBERRIES: For control of Cranberry Fruitworm, Sparganothis Fruitworm - Use 8 oz. to 1 pint per 100 gal. of water. Do not exceed 8 oz. Parathion 8E per acre within 15 days of harvest. Do not exceed 1 pint Parathion 8E per acre. Do not apply within 30 days of harvest.

GRAPES: For control of Aphids and Mites - Use 8 oz. per 100 gallons of water. For control of Berry Moth - Use 12 oz. per 100 gallons of water. For control of Mealybug and Red-banded Leaf Roller - Use 13 oz. per 100 gallons of water. Do not apply within 14 days of harvest. Do not exceed 1 1/2 pints of Parathion 8E per acre.

STRAWBERRIES: For control of Aphids, Leaf Roller and Mites - Use 4 oz. per 100 gallons of water. Do not apply more than 200 gallons of spray per acre. Do not apply within 14 days of harvest.

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VEGETABLES

Use 100 gallons of spray per acre unless otherwise noted.

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FOR: Agway Parathion 8E

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BEANS: For control of Aphids, Armyworms, Leaf-hoppers, Leaf Miners, Mexican Bean Beetles, Spider Mites, Stink Bugs, Use 5 to 8 ozs. per 100 gals. of water; For control of corn earworm, Diabrotica Beetles, and Cabbage Looper, Use 4 to 12 ozs.; For control of White flies, Use 8 ozs.; For European Corn Borer, use 8 to 12 ozs. Repeat applications at 7 to 10 day intervals as required. At rates exceeding 8 ozs., do not apply within 15 days of harvest; for lesser rates, do not apply within 7 days of harvest.

BEETS: For control of Aphids and Webworm - Use 4 to 8 oz. per 100 gallons of water. Do not apply within 15 days of harvest, or within 21 days if treated tops are to be used for food or feed.

COLE CROPS: (cabbage, Broccoli, Brussels Sprouts, Cauliflower, Kale, Mustard and Turnip) For control of Aphids, Armyworm, Diamond back Moth, Imported Cabbage Worm, Thrips - Use 4 oz. per 100 gallons of water. Do not apply within 7 days of harvest.

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CORN: For control of Armyworm and Corn Rootworm Adults - Use 6 oz. per 100 gallons of water. For control of European Corn Borer - Use 8 oz. per 100 gallons of water. Make one or more applications when borer damage threatens depending on the extent of infestation and the degree of protection desired. Consult your state agricultural experiment station for proper timing of treatments. For control of Corn Rootworm and Sap Beetle, make full coverage applications to foliage when adult beetles become abundant, and repeat as necessary. Do not apply within 12 days of picking, cutting or forage.

CUCURBITS: (Cucumber, Squash and Melon) For control of Aphids, Cucumber Beetle, Melonworm, Pickleworm and Serpentine Leafminer - Use 4 to 8 oz. per 100 gallons of water. Do not apply unless plants are dry, nor until runners begin to form. Do not apply within 15 days of harvest on cucumbers and squash. Do not apply within 7 days of harvest on melon.

PCA - 18 CHARACTERS
ELITE - 40 CHARACTERS

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FOR: Agway Parathion 6E

DATE: 4/4/84

LETTUCE: For control of Aphids and Leafhoppers
 Use 4 oz. per 100 gallons of water. Do not apply
 within 7 days of harvest on head lettuce, or
 within 14 days of harvest on leaf and Bibb
 lettuce.

ONION: For control of Thrips - Use 4 to 6 oz.
 per 100 gallons of water and repeat at weekly
 intervals as necessary. Do not apply within 15
 days of harvest.

PEPPER: For control of Aphids, Flea Beetles,
 Serpentine Leafminer and Pepper Maggot - Use 6
 oz. per 100 gallons of water. Do not apply within
 15 days of harvest.

POTATO AND TOMATO: For control of Aphids, Flea
 Beetles, Leafhopper and Serpentine Leafminer -
 Use 4 oz. per 100 gallons of water. Do not apply
 within 10 days of harvest on tomatoes and within
 5 days of harvest on potatoes.

100 - 10 CHARACTERS
10 - 10 CHARACTERS

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PCA - 13 CHARACTERS
DATE - 13 CHARACTERS

SUGAR BEETS: For control of Aphids, Blister Beetles, Flea Beetles, Leafhoppers, Leafminers and Webworms - Use 8 oz. per 100 gallons of water. Do not apply within 15 days of harvest.

HAY AND GRAINS

HAY AND GRAINS: Use 100 gallons of spray per acre unless otherwise noted.

ALFALFA, CLOVER, VETCH: For control of Aphids and Alfalfa Weevil Larvae - Use 4 to 6 oz. per 100 gallons of water. Do not apply within 15 days of harvest or forage use.

SMALL GRAINS: (Barley, Oats and Wheat) For control of Aphids, Armyworms, Greenbug - Use 4 to 6 oz. per 100 gallons of water. Do not apply within 15 days of harvest.

DISCLAIMER: Buyer assumes all risks of use, storage or handling not in strict accordance with directions given herewith.

NOTE: This pesticide is to be sold ONLY in this original, unbroken package.

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FOR: AGWAY PARATHION 8E

DATE: 4/4/84

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

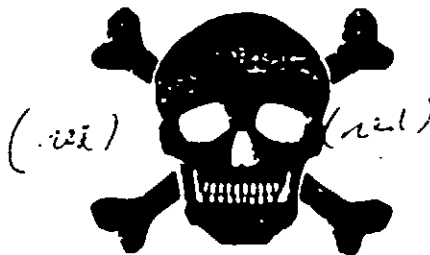
DANGER - POISON -

CAN KILL YOU IF SWALLOWED: This product can kill you if swallowed even in small amounts. Spray mist or dust 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, spray mist, or dust are breathed.

STOP! READ THE LABEL



CAN KILL YOU

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 improvements: **VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.**

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds and other wildlife. Do not apply directly to lakes, streams or ponds. Shrimp

PICA - 30 CHARACTERS
ELITE - 40 CHARACTERS

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and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur.

Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL & CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

STORAGE & DISPOSAL (12 pt)

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

STORAGE: Store unused product in original container only. Store in a cool, dry area out of the reach of children and animals. Not for use or storage in or around the home. Protect from excess heat.

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 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.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

(1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes; (2) Wear safety goggles; (3) Wear mask or respirator approved by the Mining Enforcement and Safety Administration and the National Institute of Occupational Safety & Health.

WORK SAFETY RULES

Keep all unprotected persons and children away from treated area or where there is danger of drift.

Workers entering treated fields within 48 hours must wear protective clothing.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. Call a doctor (physician), clinic or hospital - immediately. Explain that the victim has been exposed to parathion and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.

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FOR: Agway Parathion 8E

Date: 4/4/84

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

AFTER WORK, take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

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.

PCA 18 CHARACTERS
ELITE 18 CHARACTERS

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FOR:

AGWAY PARATHION 8E

DATE: 4/4/84

NOTE: This pesticide is to be sold ONLY in this original, unbroken package.

DISCLAIMER: Buyer assumes all risks of use, storage or handling not in strict accordance with directions given herewith.

PCA 100-FACTS
1078-100-FACTS

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