

Reg # 2935-138
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JUL 11 1986

Ms. Terry Miller
Wilbur-Ellis Company
Agricultural Services Corporate Office
191 West Shaw Avenue, Suite 107
Fresno, CA 93704-2876

Dear Ms. Miller:

Subject: Revision of Label Ingredient Statement
Parathion 4 Spray
EPA Registration No. 2935-138
Your Application Dated April 11, 1986

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.

Xylene range aromatic solvent does not need to be declared in your label ingredient statement.

Sincerely yours,

LJS
Lawrence J. Schnaubelt
Acting Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

92963:Schnaubelt:173018:E-1 to K: 6/5/86:6/11/86:TAR:LF							
SYMBOL ▶							
SUPPLIERS NAME ▶							
DATE ▶							

EPA Form 1320-1 (4-81) OFFICIAL FILE COPY

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

DANGER

Poisonous If Swallowed, Inhaled or Absorbed Through Skin. Rapidly Absorbed Through Skin. Repeated Inhalation or Skin Contact May, Without Symptoms, Progressively Increase Susceptibility to Parathion Poisoning.

This product can kill you if swallowed even in small amounts: spray mist or dust may be fatal if swallowed. Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes). Breathing vapors, spray mist or dust may be fatal. Workers entering treated fields within 48 hours must wear protective clothing.

RE-ENTRY TREATMENT

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. Because certain states may require more restrictive re-entry 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. Oral warnings should specify protective clothing (see following), areas or fields that cannot be entered without this clothing, period of time area is to be vacated, and statement of practical treatment (see following) in case of exposure. 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. Warnings must include the following information: "Danger. Area treated with

**NOT FOR USE OR STORAGE
IN OR AROUND THE HOME**

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.

Wilbur-Ellis

PARATHION 4 SPRAY

ACTIVE INGREDIENTS:

Parathion: O, O-diethyl O-p-nitrophenyl phosphorothioate

INERT INGREDIENTS:

Xylene Range Aromatic Solvent 48.0%

This product contains 4 lbs. of Parathion per gallon.

E.P.A. Reg. No. 2935-138-AA

By Wt

47.0%

53.0%

100.0%

Est. No. 2935-C

STOP - READ LABEL BEFORE USING!

**PELIGRO
POISON**



DANGER

**Keep Out of
Reach of
Children**

PRECAUCION AL USUARIO:
Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

**See Side Panels for
Antidote & Precautions**

CAN KILL YOU

Wilbur-Ellis

191 WEST SHAW AVENUE, SUITE 107, FRESNO, CA 93704

RE-ENTRY TREATMENT (Continued)

Parathion on [date of application]. Do not enter without appropriate protective clothing for 48 hours. (Insert here actions to take in case of accidental exposure - see following.)"

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to lakes, streams, ponds, tidal marshes and estuaries. 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. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where there are important resources. Apply this product only as specified on this label. This water must not be used for recreational, irrigation or domestic uses.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Services.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

- (1) Wear waterproof pants, coat, hat, rubber boots or rubber overshoes. (2) Wear safety goggles. (3) Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U. S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II. (4) Wear heavy duty, natural rubber gloves.

WORK SAFETY RULES

Keep all unprotected persons and children 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. 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. **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 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 one or two 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.

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 or peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapse have been reported after initial improvement. **SEE CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.**

DIRECTIONS FOR USE

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

Re-entry workers entering treated fields within 48 hours must wear protective clothing.

POST TREATED AREA — Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

CROP USE DIRECTIONS — Use only according to attached label booklet instructions. F-184

STORAGE AND DISPOSAL

1. **Prohibitions:** Do not contaminate water, food, or feed by storage or disposal.
2. **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.
3. **Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or for puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.
4. **Storage:** Store in original container only and keep sealed. Store in closed storage areas. Use caution when moving, opening, closing, or pouring.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JUL 11 1986

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

2935-138

Wilbur-Ellis®

PARATHION 4 SPRAY

Directions For Use

ACTIVE INGREDIENTS:

Parathion* 47%

INERT INGREDIENTS:

Xylene Range Aromatic Solvent 48.0% 53.0%

*O, O-diethyl O-p-nitrophenyl phosphorothioate
Contains 4 lbs. Parathion per gallon.

Total 100%

EPA Reg. No. 2935-138-AA E.P.A. Est. No. 2935-CA-1

DANGER: KEEP OUT OF REACH OF CHILDREN!



POISON

Apply this product only as specified on this label.

Observe Precautions on Safety Label

DO NOT STORE WITH FOODSTUFFS

NOT FOR USE OR STORAGE IN OR AROUND THE HOME

See antidote and other required warning statements below and on safety label.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 11 1986

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

2935-138

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

NOT FOR USE OR STORAGE IN OR AROUND THE HOME.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

DIRECTIONS FOR USE:

Use designated amount of product in the following gallons of 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 3,000 gals. (On Young Fruit Plantings—Use a minimum of 15 gals. water per acre).

Where Recommended for **AIR APPLICATION** — **VEGETABLE & FIELD CROPS** — 3 to 10

Crop	Pest controlled	Rate	Days before final application & harvest
Cauliflower	Diamond-Back Moth, Thrips, Imported Cabbage Worm, Armyworms, Aphids	1/4 to 1 pt. per acre	7
Celery	Aphids, Celeryworms, Serpentine Leaf Miner, Leafhoppers, Spider Mites	1 1/2 qt. per acre	30
Citrus (Grapefruit, lemons, limes, Oranges, Tangerines)	Aphids, Orange Tortrix, Thrips, Citricola, Cottony Cushion Scale, Black & California Red Scale	1/2 pt. per 100 gal. of water. Do not exceed 4.0 lb. actual per-acre	14
Corn	Aphids, Sap Beetles	1/2 - 1 pt.	12
	Corn Silkflies	1/2 pt.	
	Climbing Cutworms, Japanese Beetles	1/2 pt.	
	Armyworms, Fall Armyworms	1/2 - 1 pt.	
	Corn Earworms	1-1 1/2 pts. applied when silks appear. May apply 3-4 applications at 2-3 day intervals as infestation warrants.	
	Corn Rootworm Adults	1/2 - 1 pt.	
Cotton	Spider Mites, European Corn Borers, Stink Bugs	1 pt.	7
	Grasshoppers	3/4-4/5 pt.	
Cotton	Aphid, Flea Hopper	1 to 2 pt. per acre	7
Eggplants	Aphid, Leafhopper, Serpentine Leaf Miner, Spider Mites	1 pt. per acre	14
Garlic	Thrips	1 pt. per acre	14
Grapes	Grape Leaf Folder, Mealybug, Grapeberry Moth	1 1/4 pt. per acre	14
Dormant Application	Mealybug	1 1/2 pt. per 100 gal. water. Do not exceed 2.5 lb. actual per acre.	14
Hops	Aphids	1 1/2 pt. per acre	14
Kale	Diamond-Back Moth, Thrips, Imported Cabbage Worm, Armyworms, Aphids	1/4 to 1 pt. per acre	14
Lettuce (Head)	Aphids, Serpentine Leaf Miner, Leafhoppers	1 pt. per acre	14
Mustard Greens	Diamond-Back Moth, Thrips, Imported Cabbage Worm, Armyworms, Aphids	1/4 to 1 pt. per acre	14
Onions	Thrips	1 to 1 1/2 pt. per acre	14
Peaches & Nectarines (Areas other than California only)	San Jose Scale, Peach Tree Borer	1 pt. per 100 gal. water. Do not exceed 4.0 lb. actual per acre	14
Peaches & Nectarines (California)	San Jose Scale, Peach Tree Borer	1 pt. per 100 gal. water. Do not exceed 4.0 lb. actual per acre	14
Pears	Codling Moth, Plum Curculio, Red Banded Leafroller, Aphid, Pear Leaf Miner	1/2 pt. per 100 gal. water. Do not exceed 3.6 lb. actual per acre	14

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 3,000 gals. (On Young Fruit Plantings—Use a minimum of 15 gals. water per acre).

Where Recommended for AIR APPLICATION — VEGETABLE & FIELD CROPS — 3 to 10 gals. Orchard Crops — 10 to 20 gals.

RECOMMENDATIONS FOR USE:

For control of Codling Moth, Apple Maggot, Oriental Fruit Moth and Plum Curculio, apply material at the recommended rates at petal fall and every 10 to 14 days thereafter until control is achieved.

Crop	Pest controlled	Rates	Days between final application & harvest	Other limitations & application schedules
Alfalfa	Aphids, Alfalfa Caterpillar, Tortricid Moths, Armyworms	1/4 pt. per acre	15	Do not use within 15 days of pasturing. Use as a full coverage spray.
Almonds	Aphids, Pear Blister Mites	1/2 pt. per 100 gal. water Do not exceed 3.0 lb. actual per acre		Do not apply after hulls open. Use full coverage spray.
Apricots	Codling Moth, Orange Tortrix, Red-Banded Leafroller, Mealybug	1/2 pt. per 100 gal. water Do not exceed 3.6 lb. actual per acre	14	Use full coverage spray. Do not apply while danger of bee poisoning exists.
Apples	Codling Moth, Plum Curculio, Orange Tortrix, Red-Banded Leafroller, Mealybug, Leafhoppers, Bud Moth, Aphids	1/2 pt. per 100 gal. water Do not exceed 6.0 lb. actual per acre	14	Use full coverage spray. Injury to fruit & foliage may result from use of this material on McIntosh and other susceptible varieties.
Barley	Aphids, Armyworms	1 to 1 1/2 pt. per acre	15	
Beans	Aphids, Leafhoppers, Armyworms, Leafminer, Mexican Bean Beetle	Use 1 pt. per acre	21	
Blackberries	Red-Necked Cone Borer, Red Spider Mites	1/4 pt. per acre	15	
Boyseberries	Red-Necked Cone Borer, Red Spider Mites	1/4 pt. per acre	15	
Broccoli	Diamond-Back Moth, Thrips, Imported Cabbage Worm, Armyworms, Aphids	1/4 to 1 pt. per acre	7	
Brussels Sprouts	Diamond-Back Moth, Thrips, Imported Cabbage Worm, Armyworms, Aphids	1/4 to 1 pt. per acre	7	
Cabbage	Diamond-Back Moth, Thrips, Imported Cabbage Worm, Armyworms, Aphids	1/4 to 1 pt. per acre	10	

NOTICE: The statements made on this label, are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, express or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

PR4U-2

Wilbur-Ellis®

F-184

FRESNO • GLENDALE, ARIZ. • PORTLAND • SEATTLE

then California)				coincide with moth flights. Apply 2 to 3 sprays to trunks from ground level to scaffold limbs.
Pears	Codling Moth, Plum Curculio, Red Banded Leafroller, Aphid, Mealybug, Pear Blister Mite, Pear Psylla	1/2 pt. per 100 gal. water Do not exceed 3.6 lb. actual per acre	14	Use full coverage spray.
Pears	Aphid, Serpentine Leaf Miner, Pear Moth, Leafhoppers	1 pt. per acre	10	
Peppers	Aphid, Serpentine Leaf Miner, Leafhoppers, Flea Beetle, Spider Mites	1 1/2 pts. per acre	13	
Plums	Codling Moth, Plum Curculio, Orange Tortrix, Red-Banded Leafroller, Mealybug, Leafhoppers, Bud Moth, Aphid	1/2 pt. per 100 gal. water Do not exceed 4.0 lb. actual per acre	14	Use full coverage spray.
Potatoes	Flea Beetle, Leafhopper, Serpentine Leafminer, Colorado Potato Beetle, Blister Beetle	1 1/2 pt. per acre	5	
Prunes	Codling Moth, Plum Curculio, Orange Tortrix, Mealybug, Red-Banded Leafroller, Leafhopper, Bud Moth, Aphid	1/2 pt. per 100 gal. water Do not exceed 4.0 lb. actual per acre	14	Use full coverage spray for control of scale insects.
Pumpkins	Aphid, Cucumber Beetle, Melonworm, Squash Bug	1 to 1 1/2 pt. per acre	10-15	
Rice (California only)	Rice Leafminer, Tadpole Shrimp	1/5 pt. per acre in 5 to 10 gal. of water by air Do not exceed .1 lb. actual per acre.	1	
Safflower	Aphid, Lygus Bugs	1 pt. per acre		Do not apply after flowering
Sorghum (Milo)	Aphid (Greenbugs)	1 qt. per acre	12	Do not apply within 12 days of cutting for forage
Spinach	Aphids, Serpentine Leaf Miner, Leafhoppers	1 pt. per acre	14	
Strawberries	Red Spider Mites	1/4 pt. per acre	14	
Sugar Beets	Aphids, Webworms, Beet Leafhoppers, Flea Beetle, Leafminers	1 1/2 pt. per acre	15	
Tomatoes	Aphid, Serpentine Leaf Miner, Leafhopper, Spider & Tomato Russet Mites	1 to 2 pt. per acre	10	
Turnips	Diamond-Back Moth, Thrips, Imported Cabbage Worm, Armyworms, Aphids	1/4 to 1 pt. per acre	10	
Velch	Aphids, Armyworms, Alfalfa Caterpillar, Tortricid Moth	1/4 pt. per acre	15	Use as a full coverage spray.

10/5