

PM 19 5905-55 File
United States Environmental Protection Agency
Washington, D.C. 20460

Office of
Prevention, Pesticides and
Toxic Substances

OCT 13 1993

Judy Oldham
HELENA CHEMICAL CO
6075 POPULAR AVE - SUITE 500
MEMPHIS TN 38119

Subject: Label Amendment Submission of 06/11/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 5905-55
HELENA 4 LB METHYL PARATHION EMULSIFIABLE
CONCENTRATE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

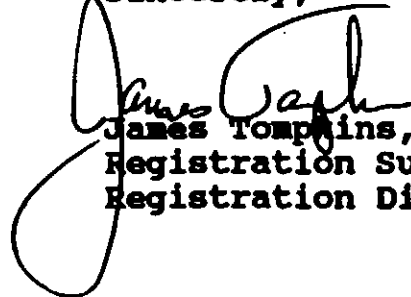
Hand or courier deliveries of final labels may be made to:

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

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text" must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,



James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (H7505W)

HELENA CHEMICAL CO

HELENA 4 LB METHYL PARATHION EMULSIFIABLE CONCENTRATE

5905-55 06/11/93

Original Submission

Remove the statement "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." from its current position above the Agricultural Use Requirements box and place it above the REI statement.

There is a typographical error(s) in the Agricultural Use Requirements box.

RESTRICTED USE PESTICIDE

Due to Very High Acute Toxicity to Humans and Birds

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. 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.

4 LB. METHYL PARATHION

EMULSIFIABLE INSECTICIDE CONCENTRATE

ACTIVE INGREDIENT:

0,0-dimethyl 0-p-nitrophenyl phosphorothioate*..... 43.40%
Related Compounds 1.71%

INERT INGREDIENTS:..... 54.89%

TOTAL 100.00%

1 gallon of 4 LB. METHYL PARATHION contains 4 pounds of Methyl Parathion.

*Methyl Parathion.

DANGER
PELIGRO

POISON



See Inside for
Antidote and Precautions

**KEEP OUT OF REACH
OF CHILDREN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT ORGANOPHOSPHATE

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl 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. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

In case of contact, immediately flush eyes or skin with plenty of water while removing contaminated clothing and shoes. See doctor immediately.

EPA REG. NO. 5905-55

EPA EST. NO.: First letters of product
batch code indicate producing establishment

5905-GA-1=CG. 5905-AR-1=WA.

5905-CA-1=KC. 5905-IA-1=DI

NET CONTENTS:

ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT 13 1993

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

MANUFACTURED BY:
HELENA CHEMICAL COMPANY
MEMPHIS, TN 38119

5905-55

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER - POISON
POISONOUS IF SWALLOWED**

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.

POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).

POISONOUS IF BREATHED

Breathing vapors or spray mist may be fatal.

POISONING SYMPTOMS

Methyl Parathion is a very dangerous poison. It rapidly enters the body by contact with all skin surfaces and eyes. 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.

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion and describe his condition.

NOTE TO PHYSICIAN

Since any symptoms from absorption of this combination product are likely to be those of methyl parathion intoxication, treatment should be directed towards the relief of cholinesterase inhibition.

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.** Methyl 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.**

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.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

Coveralls over long-sleeved shirt and long pants

Chemical-resistant gloves, such as Barrier Laminate or Viton

Chemical-resistant footwear plus socks

Protective eyewear

Chemical-resistant headgear for overhead exposure

Chemical-resistant apron when cleaning equipment, mixing, or loading

For exposure in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

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/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in WPS.

DURING AERIAL APPLICATION HUMAN FLAGGERS ARE PROHIBITED.

User Safety Recommendations

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

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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

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 may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

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 OR 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. 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 requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURE 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 statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours. Each 48-hour REI is increased to 72 hours in outdoor areas where average rainfall is less than 25 inches a year.

PPE required for early entry to 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 is :

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as Barrier Laminate or Viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear 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

PESTICIDE STORAGE

Do not store below 20°F, (-7°C).

Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticide, fertilizer, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call 901-761-0050.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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 Wastes representative at the nearest EPA Region Office for guidance.

CONTAINER DISPOSAL

Metal containers - 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 Containers - 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.

MIXING AND SPRAYING

Mix in water with agitation; agitate while spraying. Apply to row and field crops in 3 to 10 gals. (California only: use 20 to 100 gals.) of water per acre by ground spray rig or 1 to 3 gals. (California only: use 5 to 15 gals.) of water by airplane.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

COMPATIBILITY - Avoid combinations containing highly alkaline materials such as lime-sulfur solutions or lime. Alkaline compounds will reduce the effectiveness of methyl parathion.

ALFALFA: Flea Beetles, Leafhoppers, Climbing Cutworms, Armyworms - Apply ½-1 pint per acre. Aphids (including Pea Aphids and Spotted Alfalfa Aphid) - Apply ½-1 pint per acre. For Spotted Alfalfa Aphid, apply early in spring. Alfalfa Weevil (larvae) - Apply ½-1 pint per acre. Apply when 75% terminals show feeding, when buds and shoots appear ragged, or when the larval count reaches 25 per sweep. Lygus Bugs, Mites, Stink Bug - Apply ½-1½ pints per acre. Webworms, Clover Leaf Weevil, Alfalfa Caterpillar, Alfalfa Weevil (adult) (Refer also to Egyptian Weevil) Thrips and Grasshoppers - Apply 1 pint per acre. Egyptian Alfalfa Weevil - Apply 1-2 pints per acre. Do not apply within 15 days of harvest. Alfalfa Seed Chalcid - Apply 1½-2½ pints

per acre. Plant Bugs (for use on seed crops only) - Apply ½-1 pint per acre. Do not apply within 15 days of harvest from ½ through 1 pint per acre. Do not apply within 15 days of harvest from 1 pint through 2 pints per acre. Do not apply within 20 days of harvest from 2 pints through 2½ pints per acre. Do not apply if the crops or weeds in the treatment area are in bloom.

BARLEY: Thrips - Apply ½-2/3 pints per acre. Mites (Brown Wheat), Leafhopper, Cutworms (Climbing) - Apply ½ to 1 pint per acre. Stink Bugs, Armyworm (to 3rd instar), Black Grass Bugs, Aphid (including Greenbug) - Apply ½-1½ pints per acre. Apply early spring for greenbug control. Thrips, Say's Stink Bugs, Spider Mites, False Chinch Bug, Grasshopper, Chinch Bugs - Apply 1½ pints per acre. Do not apply within 15 days of harvest.

BEANS: Leafhoppers, Flea Beetles, Plant Bugs (including Lygus Bugs), Aphids, Armyworms - Apply 1-2½ pints per acre. Cabbage Looper - Apply 2 pints per acre. Stink Bugs, Cutworms (including climbing and surface feeding species) - Apply 2-2½ pints per acre. Do not apply within 15 days of harvest. For green and lima beans, do not apply within 15 days of harvest for application rates through 1 pint, Do not apply within 21 days of harvest for dosage rates exceeding 1 pint per acre. Do not apply if the crop or weeds in the treatment area are in bloom.

BEEETS: Mites, Aphid, Armyworms, Flea Beetles, Leafhopper - Apply 1-2 pints per acre. Stink Bugs, Plant Bugs (including Lygus Bugs), Cabbage Looper - Apply 2 pints per acre. Do not apply within 15 days of harvest. Do not apply within 21 days if tops are to be used for food or feed.

BROCCOLI: Thrips - Apply ½-1 pint per acre. Aphids, Armyworms - Apply ½-2 pints per acre. Flea Beetles, Leafhopper, Mites - Apply 1-2 pints per acre. Imported Cabbageworms, Cabbage Looper, Stink Bugs - Apply 2-2½ pints per acre. Plant Bugs - Apply 2½ pints per acre. Do not apply within 7 days of harvest through 1 pint, within 21 days of harvest from 1 pint through 2½ pints.

BRUSSELS SPROUTS: Aphids, Armyworms, Thrips - Apply ½-2 pints per acre. Flea Beetles, Leafhoppers, Mites - Apply 1-2 pints per acre. Imported Cabbageworms, Cabbage Looper, Stink Bugs - Apply 2-2½ pints per acre. Plant Bugs - Apply 2½ pints per acre. Do not apply within 7 days of harvest through 1 pint, within 21 days of harvest from 1 pint through 2½ pints.

CABBAGE: Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites - Apply 1-2 pints per acre. Imported Cabbageworms, Cabbage Looper, Stink Bugs - Apply 2-2½ pints per acre. Plant Bugs - Apply 2½ pints per acre. Do not apply within 10 days of harvest through 1 pint, within 21 days of harvest from 1 pint through 2½ pints.

CARROTS: Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites - Apply 1-2 pints per acre. Cutworms, Cabbage Looper, Plant Bugs - Apply 2 pints per acre. Do not apply within 15 days of harvest. Do not use treated carrot tops for food or feed.

CAULIFLOWER: Aphids, Armyworm, Flea Beetles, Leafhopper, Mites - Apply 1-2 pints per acre. Imported Cabbageworm, Cabbage Looper, Stink Bugs - Apply 2-3 pints per acre. Plant Bugs - Apply 3 pints per acre. Do not apply within 7 days of harvest through 1 pint, within 21 days of harvest from 1 pint through 2½ pints.

CELERY: Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites - Apply 1-2 pints per acre. Cabbage Looper, Plant Bugs, Stink Bugs - Apply 2 pints per acre. Do not apply within 15 days of harvest.

CLOVER: Leafhopper, Armyworm, Aphids (including Spotted Alfalfa Aphid) (apply early in the spring), Alfalfa Weevil (larvae) (apply when 75% of terminals show feeding, when buds and shoots appear ragged, or when the larval count reaches 25 per sweep) - Apply 1-1½ pints per acre. Egyptian Alfalfa Weevil - Apply 1-2 pints per acre. Do not apply within 15 days of harvest. Clover Seed Chalcid (for use on seed crops only), Climbing Cutworm - Apply ½-2½ pints per acre. Plant Bugs (for use on seed crops only) - Apply ½-1 pint per acre. Do not apply within 15 days of harvest from 1 pint through 2 pints. Do not apply within 20 days of harvest from 2 pints through 2½ pints per acre.

COLLARDS: Aphids, Armyworms, Flea Beetles, Leafhopper, Mites - Apply 1-2 pints per acre. Imported Cabbageworm, Cabbage Looper, Stink Bugs, Thrips - Apply 2-3 pints per acre. Plant Bugs - Apply 3 pints per acre. Do not apply within 10 days of harvest through 1 pint. Do not apply within 21 days of harvest from one pint through 3 pints per acre.

CORN: Aphids (including corn leaf aphid), Armyworm, Fall Armyworm, Corn Rootworm (including western corn rootworm) (adults), Flea Beetles, Mites, Stink Bugs - Apply ½ pint per acre. Do not apply within 12 days of harvest. Do not apply to corn during the pollen shed period.

COTTON: Thrips (apply before or during the 4-leaf stage and repeat 1 to 3 times at 7 to 10 day intervals), Fleahoppers (including cotton fleahopper) - Apply ¼ to 1 pint per acre. Grasshopper - Apply ½ pint per acre. Cotton Leafworm, Garden Webworm - Apply ½-1 pint per acre. Lygus Bugs, Mites, Spider (including desert spider mite and two-spotted spider mites) - Apply ½-2 pints per acre. Southern Green Stink Bug, False Chinch Bug - Apply 1 pint per acre. Leafroller, Cabbage Looper, Cotton Leaf-Perforator, Cutworms, Fall Armyworm (to 3rd instar), Aphids (including cotton aphid) (apply when aphids appear in buds and on leaves of seedlings or when honeydew appears on older plants) - Apply 1-2 pints per acre. Saltmarsh Caterpillar, Stink Bugs - Apply 2 pints per acre. Armyworms - Apply 2-4 pints per acre. Bollworm - Apply 2-6 pints per acre. Tobacco Budworm - Apply 2 pints per acre. Do not handpick within 7 days of application through 2 pints per acre. Boll Weevil - Apply 1-6 pints per acre. For early season control of overwintering boll weevils, apply as early as the 2-to-4 leaf stage and repeat 1-3 times at 7-10 day intervals. For midseason control, apply at the start of squaring or after 10-25% of the first squares are punctured and repeat at 3-to-8 day intervals as needed or until the top bolls are full grown. Repeat at 3-day intervals during the major fruiting season, and periods of heavy weevil migration.

GRASS (HAY, PASTURE): Armyworm (to 3rd instar), Black Grass Bugs (including Irbisia), False Chinch Bug, Grasshopper, Leafhopper - Apply 1½ pints per acre. For aphids, apply ½ pint per acre. Do not apply within 15 days of harvest.

KALE: Aphids, Armyworms - Apply ½-2 pints per acre. Flea Beetles, Leafhoppers, Mites - Apply 1-2 pints per acre. Imported Cabbageworm, Cabbage Looper, Stink Bugs - Apply 2-3 pints per acre. Plant Bugs - Apply 3 pints per acre. Do not apply within 10 days of harvest through 1 pint. Do not apply within 21 days of harvest from 1 pint through 3 pints.

KOHLRABI: Aphids, Armyworms - Apply ½-2 pints per acre. Flea Beetles, Leafhoppers, Mites - Apply 1-2 pints per acre. Imported Cabbageworm, Cabbage Looper, Stink Bugs - Apply 2-3 pints per acre. Plant Bugs - Apply 3 pints per acre. Do not apply within 7 days of harvest through 1 pint. Do not apply within 21 days of harvest from 1 pint through 3 pints.

LETTUCE: Aphids, Armyworms, Flea Beetles, Imported Cabbageworm, Leafhoppers, Mites - Apply 1-2 pints per acre. Cabbage Looper, Plant Bugs - Apply 2 pints per acre. Do not apply within 21 days of harvest.

MUSTARD GREENS: Aphids, Armyworms - Apply ½-2 pints per acre. Flea Beetle, Leafhoppers, Mites - Apply 1-2 pints per acre. Imported Cabbageworm, Cabbage Looper, Stink Bugs - Apply 2-3 pints per acre. Plant Bugs - Apply 3 pints per acre. Do not apply within 10 days of harvest through 1 pint, or within 21 days of harvest from above 1 pint through 3 pints.

OATS: Brown Wheat Mite - Apply $\frac{1}{2}$ -1 pint per acre. Aphids (including greenbug), Black Grass Bugs (including *Irbisia*) - $\frac{1}{4}$ - $1\frac{1}{2}$ pints per acre. Barley Thrips - $\frac{1}{2}$ - $\frac{2}{3}$ pints per acre. Climbing Cutworms - $\frac{2}{3}$ - 1 pint per acre. Leafhoppers - $\frac{1}{2}$ -1 pint per acre. Armyworm (to 3rd instar), Wintergrain Mite, Stink Bugs - $\frac{1}{2}$ - $1\frac{1}{2}$ pints per acre. Say's Stink Bugs, Chinch Bugs, False Chinch Bug and Fall Armyworm - $1\frac{1}{2}$ pints per acre. Do not apply within 15 days of harvest from $\frac{1}{2}$ pint through $1\frac{1}{2}$ pints.

ONIONS: Thrips (including onion thrips) - $\frac{1}{2}$ - $1\frac{2}{3}$ pints per acre. Do not apply within 15 days of harvest.

PASTURE: (Irrigated) (Refer also to Grass): Mosquitoes (Larvae) - Apply $\frac{1}{8}$ pint per acre. Do not apply within 7 days of harvest. Broadcast application.

PEAS: Aphids, Armyworm (to 3rd instar), Flea Beetles, Leafhoppers, Mites, Plant Bugs (including *Lygus* Bugs) - Apply 1-2 pints per acre. Stink Bugs, Cowpea Curculio, Cutworm (including climbing and surface feeding species), Cabbage Looper - Apply 2 pints per acre. Do not apply within 10 days of harvest through 1 pint. Do not apply within 15 days of harvest from 1 pint through 2 pints. Do not apply if the crop or weeds in the treatment area are in bloom.

POTATOES: Aphids, Flea Beetles - Apply $\frac{1}{2}$ -2 pints per acre. Thrips - Apply $1\frac{1}{4}$ pints per acre. Armyworm, Leafhoppers, Mites - Apply 1-2 pints per acre. False Chinch Bugs, Cabbage Looper, Plant Bugs (including *Lygus* Bugs), Stink Bugs - Apply 3 pints per acre, Do not apply within 5 days of harvest.

RICE: Rice Stink Bug - Apply $\frac{1}{2}$ -1 pint per acre. Armyworm - Apply 1-1 $\frac{1}{2}$ pints per acre. Do not apply within 15 days of harvest. Crabs, crayfish and shrimp may be killed. Do not apply where they are important resources. Rice Leafminer, Tadpole Shrimp - Apply 1 $\frac{1}{2}$ pints per acre. Use restricted to California. Apply at first sign of infestation after planting. Apply by air in 5-10 gallons of water. Restrict spill from rice fields for 3 days. Do not use within 14 days of application of 3',4'-dichloropropionanilide as injury may result.

RYE: Brown Wheat Mite - Apply $\frac{1}{4}$ -1 pint per acre. Barley Thrips - $\frac{1}{2}$ - $\frac{2}{3}$ pint per acre. Leafhoppers - Apply $\frac{1}{2}$ -1 pint per acre. Climbing Cutworms - $\frac{3}{4}$ pint per acre. Aphids (including greenbug), Black Grass Bugs (including *Irbisia*) - Apply $\frac{1}{4}$ -1 $\frac{1}{2}$ pints per acre. Wintergrain Mite, Stink Bugs, Armyworm (to 3rd instar) - $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. False Chinch Bug, Say's Stink Bugs, Chinch Bug - 1 $\frac{1}{2}$ pints per acre. Do not apply within 15 days of harvest from $\frac{1}{2}$ pint through 1 $\frac{1}{2}$ pints

SORGHUM: Spider Mites, Corn Leaf Aphid - Apply 1 pint per acre. Greenbug Aphid - Apply 1 $\frac{1}{2}$ pints per acre. Sorghum Midge - Apply 1-2 pints per acre. Apply when approximately 90% of the heads have completely emerged from boot or not later than the start of blooming. Aphids - Apply 2 pints per acre. Do not apply within 21 days of harvest. Leaf injury may occur on some hybrid varieties. Do not use wetting agents as more severe injury may occur. Spray a few rows a week or so before booting to test effects upon plants.

SPINACH: Aphids, Armyworms, Mites, Seedcorn Maggot (in crown) - Apply 1-2 pints per acre. Cabbage Looper, Plant Bugs - Apply 2 pints per acre. Do not apply within 14 days of harvest through 1 pint. Do not apply within 21 days of harvest from 1 pint through 2 pints.

SUGAR BEETS: Armyworm, Fall Armyworm, Cutworm (including Climbing Cutworms), Flea Beetles, Grasshoppers, Leafhoppers, Sugar Beet Webworms, Mites - Apply $\frac{1}{2}$ - $\frac{3}{4}$ pint per acre. Lygus Bugs, Stink Bugs, Webworms - $\frac{3}{4}$ pints per acre. Do not apply within 60 days of harvest through $\frac{3}{4}$ pints (if tops are to fed to livestock.) Aphids - Apply $\frac{3}{4}$ pints per acre. Do not apply within 20 days of harvest through $\frac{3}{4}$ pint. (Roots).

SUNFLOWERS: Sunflower Moth - Apply 2 pints per acre. Do not apply within 30 days of harvest. Do not apply more than 3 times at 5-day intervals per season.

SWEET POTATOES: Aphids, Armyworm (to 3rd instar), Cutworms (including climbing and surface feeding species,) Flea Beetles, Leafhoppers, Cabbage Looper, Spider Mites - Apply 1 $\frac{1}{2}$ pints per acre. Do not apply within 5 days of harvest.

TURNIPS: Aphids (including Cabbage Aphid), Armyworms (to 3rd instar) - Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. Flea Beetles, Leafhoppers, Leafminer, Mites - Apply 1-1 $\frac{1}{2}$ pints per acre. Imported Cabbage Worm, Cabbage Looper, Plant Bugs - Apply 1 $\frac{1}{2}$ pints per acre. Do not apply within 7 days of harvest through $\frac{1}{2}$ pint (roots). Do not apply within 21 days of harvest from 1 to 1 $\frac{1}{2}$ pints (roots). Do not apply within 21 days of harvest if tops are to be used as food or feed.

VETCH: Alfalfa Weevil (larvae) - Apply ½-1 pint per acre. Apply when 75% of terminals show feeding, when buds and shoots appear ragged, or when the larval count reaches 25 per sweep. Aphids, Leafhoppers, Mites - ½-1 pint per acre. Climbing Cutworms, Lygus Bugs, Vetch Bruchid - 1 pint per acre. Armyworm - ½-2½ pints per acre. Do not apply within 15 days of harvest through 2 pints. Do not apply within 20 days of harvest from 2 pints through 2½ pints.

WHEAT: Brown Wheat Mites - Apply ½-1 pints per acre. Barley Thrips - Apply ½-2/3 pints per acre. Leafhoppers - Apply ½-1 pint per acre. Climbing Cutworms - Apply ¾-1 pint per acre. Aphids (including Greenbug), Black Mite, Stink Bugs, Armyworm (to 3rd instar) - Apply ½-1½ pints per acre. Say's Stink Bugs, Chinch Bugs, False Chinch Bug, Fall Armyworm - 1½ pints per acre. Do not apply within 15 days of harvest from ½ pint through 1½ pints.

ORNAMENTALS: (Woody Shrubs, Trees and Vines), Christmas Tree Plantation (Pines) - Apply 1 pint per acre. European Pine Shoot Moth, Nantucket Pine Tip Moth - Apply 2 pints per acre. Apply in 5 to 50 gallons of water.

NONAGRICULTURAL LAND, WASTELANDS: Mosquitoes (larvae) - Apply 1/5 pint per acre. Do not apply within 7 days of harvest through 1/5 pint. For use by mosquito abatement districts and official government agencies only. Repeat as needed. Toxic to fish and wildlife. Do not use where shrimp and crabs are an important resource. Do not use in any estuaries, or coastal or tidal areas along the southeast, Atlantic or Gulf coasts of the United States.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man, or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against the Company exceed the price of the product which causes the alleged loss, damage, injury, or other claim. The Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income.

The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability, and remedies.