



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

5905-533

Date of Issuance:

SEP 24 1999

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

4 LB Methyl Parathion

(under FIFRA, as amended):

Name and Address of Registrant (include ZIP Code):

Helena Chemical Company
6075 Popular Avenue, Suite 500.
Memphis, TN 38120

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

a. Add the designation, "EPA Reg. No. 5905-533".

b. In the State Special Local Need statement appearing on page four, delete the wording "other than walnuts, sweet potatoes or lentils." so that the sentence reads as stated below. The use of the subject EC product on these three crops would not be acceptable as they are being maintained for the microencapsulated formulation only. We apologize for the apparent confusion regarding this labeling requirement specified in the Methyl Parathion Agreement.

This product may not be reformulated or used under a State Special Local Need Registration for any uses not specified on this label.

Signature of Approving Official:

Date:

SEP 24 1999

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c. In the directions for use on soybeans, make the following corrections to be consistent with your supplier's registered end-use label:

- Reinstate the statement, Do not apply within 20 days of harvest or grazing.
- Delete the statement, Preharvest interval is 14 days.

As requested in your letter of August 27, 1999, the conditions of paragraph 8 of the August 1999 Memorandum Of Agreement Between the Environmental Protection Agency and Signatory Registrants Regarding the Registration of Pesticide Products Containing Methyl Parathion (MOA) are accepted by the Agency as conditions of the subject registration.

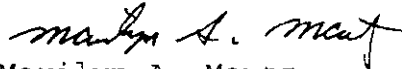
Failure to comply with any of the conditions of registration set forth in Paragraph 8 of the MOA shall be grounds for cancellation of the affected registration(s) under FIFRA section 6(e).

3. Submit two copies of the revised final printed label before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

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 AN AGRICULTURAL 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.

FMS
199
RED

DANGER
PELIGRO

(skull & crossbones)

POISON

KEEP OUT OF REACH OF CHILDREN
ORGANOPHOSPHATE

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.)

FIRST AID

This product contains an organophosphate and is a cholinesterase inhibitor.

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion and describe his condition. After first aid is given and if a doctor cannot come, take victim to clinic or hospital.

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. 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. 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.

SPECIAL INSTRUCTIONS FOR RESTRICTED USE PESTICIDE RETAILERS: In addition to any other required records, restricted use pesticide retailers must record at the time of sale the unique container identification number on this label or container and the identity of the purchaser of the container.

EPA REG. NO. 5905-

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=D1

NET CONTENTS:

Bar Code or
ACCEPTED Unique Identify
with COMMAG 100, Ler
in EPA Letter Dated:

MANUFACTURED BY:
HELENA CHEMICAL COMPANY
MEMPHIS, TN 38119

SEP 24 1999

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

5905-533

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER**

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 vapor, spray mist are breathed.

WORKER 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. 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 Section.

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 > 14 mils

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 (MCHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor cartridge or canister with any R, P, or HE prefilter.

For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any R, P, or HE prefilter.)

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 [40³ 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

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 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.

POISON SIGNS (SYMPTOMS): Methyl Parathion is a very dangerous poison. It rapidly enters the body on 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, pinpoint pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates and wildlife. Birds in treated areas may be killed. Shrimp and other aquatic organisms may be killed at recommended application rates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark unless otherwise permitted in Directions for Use. 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.

COMBUSTIBLE

**DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME
NOT FOR USE OR STORAGE IN OR AROUND THE HOME.**

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.

This product may not be reformulated or used under a State Special Local Need Registration for any uses not specified on this labeling other than walnuts, sweet potatoes or lentils.

Application by Backpack Sprayer or other Hand-held Sprayer is Prohibited.

Do not apply this product through any type of irrigation system.

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 statements on this label about personal protective equipment (PPE) 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 5 days in areas where average annual rainfall is less than 25 inches a year and 4 days in areas where average annual rainfall is equal to or greater than 25 inches a year.

Certified crop advisors or persons entering under their direct supervision under certain circumstances may be exempt from the early reentry requirement pursuant to 40 C.F.R. Part 170.

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 > 14 mils.
- 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.

In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion and describe his condition. For further information, see the FIRST AID portion of the pesticide label.

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.

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STORAGE: Do not store below 0°F. Store in a safe manner. 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. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment listed under 'PRECAUTIONARY STATEMENTS' when handling open containers. Carefully open containers. Do not put concentrate or dilute material into food or drink 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 Wastes representative at the nearest EPA Region Office for guidance.

CONTAINER DISPOSAL

Returnable/Refillable Seal Container: Do not break seals or add any material to the container. Do not rinse container or empty any residue from container. This container must be returned intact after use to the point of purchase.

DIRECTIONS

Be sure to read the precautionary statements before using! This product is designed for application after dilution with water and for use by trained operators using airplane or power ground equipment. The hazards and precautions for handling the product in this container are equally applicable to it after dilution with water for spray application.

REMOVAL OF PRODUCT FROM CONTAINER

This container is fitted with the MICRO MATIC "DV" liquid transfer valve system. To remove product, use the MICRO MATIC coupler attachment which is available from the seller of this container. The directions below must be followed:

To Connect Coupler:

1. Attach pump hose to chemical pump.
2. Attach pump hose to coupler.
3. With coupler handle in disengaged position, insert coupler straight down into the drum valve,
ensuring that the pins on the coupler align with the slots on the valve.
4. Turn coupler handle clockwise a quarter turn, until it locks into place.
5. Push down coupler handle to engage, ensuring that the lock bar clicks into place.

To Disconnect Coupler:

1. Press down on coupler and disconnect the lock bar. Allow coupler handle to raise to its disengaged position.
2. Turn Coupler handle counter clockwise and quarter turn. Lift coupler straight up.

If you have any questions or need assistance, please call your Distributor or 1-800-548-6113.

Add the concentrate to the spray tank while filling with water, and mix thoroughly either by means of a tank agitator or pump by-pass. For best results, thoroughly cover all surfaces to be treated with spray. Rates of application given below should not be exceeded. Never apply later than indicated to assure residue levels at harvest are below tolerance established by the Environmental Protection Agency.

Consult the State Agricultural Extension Service or Experiment Station for specific recommendations regarding application, dosage and timing of spray. For application by ground equipment, add the desired amount of concentrate to sufficient water to apply at least 3 gallons of water per acre. For application by aircraft, add the amount of concentrate desired per acre to 1 to 3 gallons of water consistent with crop growth and good coverage.

Do not use in undiluted form.

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: Alfalfa Weevil ((larvae), Flea Beetles, Climbing Cutworms, Aphids (including Pea Aphids and Spotted Alfalfa Aphid) . For Spotted Alfalfa Aphid, apply early in spring. - 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. **Webworms, Clover Leaf Weevil, Alfalfa Caterpillar, Armyworms, Alfalfa Weevil (adult) (Refer also to Egyptian Weevil) Thrips and Grasshoppers** - Apply 1 pint per acre. **Egyptian Alfalfa Weevil, Leafhoppers, Lygus Bugs, Mites, Stink Bugs, and Spider Mites** - Apply 1-2 pints per acre. Do not apply within 15 days of harvest. **Alfalfa Seed Chalid** - Apply 1½-2½ pints per acre. **Plant Bugs (for use on seed crops only)** - Apply ½-1 pint per acre.

Note: Do not apply within 15 days of harvest, cutting or grazing. In California and Nevada, do not use more than ¾ pint per acre. Do not apply to alfalfa if the crops or weeds in the treatment area are in bloom. *Do not make more than 2 applications per cutting.*

BARLEY: Thrips - Apply ¾ pints per acre. **Leafhopper, Cutworms (Climbing)** - Apply ¾ to 1 pint per acre. **Stink Bugs, Armyworm (to 3rd instar), Black Grass Bugs, Aphid (including Greenbug), Winter Grain Mites** - Apply ½-1½ pints per acre. Apply early spring

for greenbug control. **Say's Plant Bugs, Spider Mites, False Chinch Bug, Grasshopper,**⁷
Chinch Bugs - Apply 1½ pints per acre. **Western Wheat Mites, Brown Wheat Mites** - 1
 pint.

Note: Do not apply within 15 days of harvest. *Do not make more than 6 applications per season.*

BEANS (DRIED): Leafhoppers, Flea Beetles, Plant Bugs (including Lygus Bugs), Aphids, Armyworms (to 3rd Instar), Mites - Apply 1-3 pints per acre. **Cabbage Looper** - Apply 2 pints per acre. **Stink Bugs, Cowpea Curculio, Cutworms (including climbing and surface feeding species)** - Apply 2-3 pints per acre. *Rates up to 1 pint should not be applied within 15 days of harvest. Rates above 1 pint should not be applied within 21 days of harvest. DO NOT apply if the crop or weeds in the treatment area are in bloom. Do not make more than 6 applications per season.*

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. **Grasshoppers** - 1 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) - ¼ to ½ pints per acre. **Fleahoppers (including cotton fleahopper)** - Apply ¼ to 1 pint per acre. **Grasshopper, 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), **Cotton Leafworm, Garden Webworm** - Apply ½-6 pints 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,** - Apply 1-2 pints per acre. **Stink Bugs** - Apply 2 pints per acre. **Armyworms** - Apply 2-4 pints per acre. **Bollworm, Saltmarsh Caterpillar,** - Apply 2½-6 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. **Boll Weevil (Texas only)** - For the control of boll weevils apply ½-1 pint (.25 to 0.5 lb. active ingredient) per acre in a minimum of 1 quart of once refined vegetable oil (such as soybean/cottonseed). For overwintered adults, apply early season as needed. Apply mid to late season as needed. High rates are required for severe infestation and late season. Aircraft should be outfitted with a delivery system designed to apply droplets with a VMD of 100-200 microns. Swath width should not exceed wing span plus 10 percent. When using conventional hydraulic nozzle systems, the nozzles should be oriented 90 degrees to the laminar airflow. **Note:** When temperatures are 70° F or below, keep the spray mixture under agitation and do not allow mixture to stand for any long period of time. Do not handpick or harvest within 7 days of application. Do not feed forage or gin trash to livestock. *Applications should be made at 4 to 5 day intervals until control is obtained. At listed dosages, application may be made up to the day before harvest, if harvest will be with*

mechanical pickers.

GRASS (HAY, PASTURE) (FORAGE): Armyworm (to 3rd instar), Crested Wheat Bugs, Black Grass Bugs (including *Irbisia*), False Chinch Bugs, Grasshoppers, Leafhoppers - Apply 1½ pints per acre. For aphids, apply ½ pint per acre. Range Caterpillars - 1 pint per acre. Do not apply within 15 days of harvest or grazing. *Do not make more than 6 applications per season.*

OATS: Brown Wheat Mites, Western Wheat Mites - Apply 1 pint per acre. Aphids (including greenbug), Black Grass Bugs (including *Irbisia*), Stink Bugs - ½-1½ pints per acre. Barley Thrips - ½-¾ pints per acre. Climbing Cutworms, Grasshoppers - ¾ - 1 pint per acre. Leafhoppers, Armyworm (to 3rd instar) - 1½ pints per acre. Winter Grain Mites, Stink Bugs - ½-1½ pints per acre. Say's Plant Bugs, Chinch Bugs, False Chinch Bug and Fall Armyworm - 1½ pints per acre. Do not use more than ½ pint per acre within 15 days of harvest. *Do not make more than 6 applications per season.*

ONIONS: Thrips (including onion thrips) - ½-1 pint per acre. Do not apply within 15 days of harvest. *Do not make more than 6 applications per season.*

PEAS (DRIED): 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 *this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Do not make more than 6 applications per season.*

POTATOES (WHITE): Aphids, Flea Beetles, Armyworm, Leafhoppers, Mites, False Chinch Bugs, Cabbage Looper, Plant Bugs (including Lygus Bugs), Stink Bugs, Shield Bugs - Apply 3 pints per acre. *Do not apply within 6 days of harvest.* Thrips - Apply 1¼ pints per acre. Do not apply within 6 days of harvest. *Do not make more than 6 applications per season.*

RAPESEED/CANOLA: Cabbage Seedpod Weevil - 1 pint per acre. Make first application when two or more insects can be found per plant on young pods. Flea Beetles, Cabbage Aphids - 1 pint per acre. Treat in early season when significant evidence of shot holing by the adults becomes evident on the seedlings. Diamondback Moth Larvae - 1 pint per acre. Treat about mid-growing season when populations reach damaging levels and there is evidence of appreciable feeding beginning on the flowers and/or pods.

Do not apply within 28 days of harvest. **DO NOT** graze treated fields or feed treated forage or threshings to livestock. Apply by ground or air in sufficient water for coverage (minimum of 3 gallons per acre by air). Do not apply more than two applications per season. 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).

NOTE - IN OREGON - apply product only in the evening (this includes a period from 3 hours before sunset until midnight of the same day).

IN IDAHO - Methyl Parathion should be applied when 10% of the bloom is remaining or when most of the early-developed pods are 1.00 - 1.25 inches in length. ⁹

IN WASHINGTON: (outside Walla Walla and Columbia Counties) -

1. The field to be treated is at the end of the blossom period with no more than 25% bloom remaining.
2. The application may only be made in the evening from 3 hours before sunset to midnight, and only if bees are not foraging in the field to be treated at time of application and are not expected to be foraging in the treated field for the remainder of that day.

IN WASHINGTON (Within Walla Walla and Columbia Counties) - The Washington Dept. of Agriculture has defined areas within Walla Walla and Columbia Counties in which it feels honey bees are at risk from Methyl Parathion application. Do not apply to blossoming canola in these areas unless:

1. The field to be treated is at the end of the blossom period with no more than 10% bloom remaining.
2. The application may only be made in the evening from 3 hours before sunset to midnight, and only if bees are not foraging in the field to be treated at time of application and are not expected to be foraging in the treated field for the remainder of that day.
3. The field to be treated must be inspected immediately prior to the application to ensure bees are not foraging.
4. The Washington State Dept. of Agriculture must be notified of such an application one day prior to the expected application day. Notification must include the name and phone number of the grower, name and phone number of the applicator and the location of the canola field to be treated. Notify the Department by calling (509) 527-4130 or by faxing the information to (509) 529-9771. Maps of these areas can be obtained from the Washington State Dept. of Agriculture by calling (509) 527-4130 or (360) 902-2030.

RICE: Stink Bugs, Armyworms - Apply 1-1½ pints per acre. **Grasshoppers** - 1 pint 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 1½ 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. *Must be applied aerially. Do not make more than 6 applications per season.*

RYE: Brown Wheat Mites, Western Wheat Mites - Apply 1 pint per acre. **Barley Thrips** - ½-¾ pint per acre. **Leafhoppers, Armyworm (to 3rd instar)** - Apply 1½ pints per acre. **Climbing Cutworms, Grasshoppers** - ¾-1 pint per acre. **Aphids (including greenbug), Black Grass Bugs (including Irbisia), Winter Grain Mites, Stink Bugs** - ½-1½ pints per acre. **False Chinch Bug, Say's Stink Bugs, Chinch Bug** - 1½ pints per acre. Do not use more than ½ pint per acre within 15 days of harvest. *Do not make more than 6 applications per season.*

SOYBEANS: Climbing Cutworms, Three-cornered Alfalfa Hopper, Webworm (including Garden Webworm), Aphids, Blister Beetles, Mexican Bean Beetles, Stink Bugs, Thrips, Velvetbean Caterpillar, Two Spotted Mites - Apply ¾-2 pints per acre. **Green Cloverworm, Cabbage Looper** - Apply 1-2 pints per acre. **Armyworm, Fall Armyworm (to 3rd instar), Bean Leaf Beetle, Corn Earworm, Grasshoppers, Bollworms** - Apply 2

pints per acre. **Plant Bugs (for use on seed crops only)** - Apply ½-1 pint per acre. Do not apply within 20 days of harvest or grazing. Do not make more than 2 applications per season. Preharvest interval is 14 days.

SUGAR BEETS: Armyworm, Fall Armyworm, Cutworm (including Climbing Cutworms), Flea Beetles, Grasshoppers, Leafhoppers, Sugar Beet Webworms, Mites - Apply ½-¾ pint per acre. **Lygus Bugs, Stink Bugs, Webworms** - ¾ pints per acre. **Aphids** - Apply ¾ pints per acre. Do not apply within 20 days of harvest; 60 days if tops are to be fed to animals. Do not make more than 6 applications per season.

SUNFLOWERS: Sunflower Moth, Sunflower Maggot, Sunflower Seed Weevil - 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. Do not feed seeds to birds.

WHEAT: Brown Wheat Mites, Western Wheat Mites - Apply 1 pint per acre. **Barley Thrips** - Apply ½-¾ pints per acre. **Leafhoppers, Armyworm (to 3rd instar)** - Apply 1½ pints per acre. **Climbing Cutworms, Grasshoppers** - Apply ¾-1 pint per acre. **Aphids (including Greenbug), Black Mites, Stink Bugs, Winter Grain Mites** - Apply ½-1½ pints per acre. **Say's Plant Bugs, Chinch Bugs, False Chinch Bug, Fall Armyworm** - 1½ pints per acre. Do not use more than ½ pint per acre within 15 days of harvest. Do not make more than 6 applications per season.

NOTICE: Because Helena has no control over storage, handling and conditions of use, which are of critical importance, Helena makes no representation or warranty, either express or implied, for results or residues greater than any tolerance which may be established by appropriate governmental agencies, due to misuse, improper handling or storage of this material. Nor does Helena assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or storage of this material.

ATTENTION: Do not use in any manner other than recommended on this label. To avoid excessive residues of methyl parathion on food or forage crops, always observe the statements found under "DIRECTIONS FOR USE" limiting the time before harvest when methyl parathion may be applied.

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.¹¹

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.