

MAY 15 1995

Mr. Lee Tharrington
Micro Flo Company
P.O. Box 5948
Lakeland, Florida 33807

Dear Mr. Tharrington:

Subject: Addition of Potatoes, Revised Directions for Peas
Methyl Parathion 4EC
EPA Registration No. 51036-18
Your Application Dated February 21, 1995, and
Follow-up Submission Dated March 20, 1995

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7)(A), is acceptable provided that you:

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

2. Submit two copies of your final printed labeling 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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

/s/

2 9 12

RESTRICTED USE PESTICIDE
Due to very high acute toxicity to Humans and Birds

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

CHEMINOVA
METHYL PARATHION 4EC

ORGANOPHOSPHATE

ACTIVE INGREDIENTS:

*0,0-dimethyl-0-p-nitrophenyl phosphorothioate	43.3%
*Related compounds	2.3%
INERT INGREDIENTS	54.4%
TOTAL.....	100.0%

*Equivalent to 4 lbs. methyl parathion and related compounds per gallon

KEEP OUT OF REACH OF CHILDREN

POISON

DANGER

PELIGRO

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

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 doctor cannot come, take victim to clinic or hospital. Move victim immediately from the area where methyl parathion is present.

IF INHALED, remove victim to fresh air. If not breathing, immediately give artificial respiration, preferably mouth-to-mouth, and maintain until doctor sees victim. If breathing is difficult, give oxygen.

IF IN EYES OR ON SKIN, immediately flush with plenty of water. Avoid continued possible exposure to victim or persons in attendance.

IF SWALLOWED, induce vomiting immediately by giving two glasses of water and by touching back of throat with finger. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have victim lie down and keep quiet.

This product is an organophosphorus ester that inhibits cholinesterase. See Elsewhere On Label For Additional Precautionary Statements.

EPA Reg. No. 51036-18

EPA Est. No. 51036-GA-1

Manufactured By
MICRO FLO COMPANY
P.O. BOX 5948
LAKELAND, FL. 33807

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 15 1995

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

51036-18

recommended application rates. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

BEE PRECAUTION

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.

IN CASE OF:

FIRE - Use water spray, foam, dry chemical or CO2.

SPILL OR LEAK - keep all unprotected persons away. Cover with absorbent such as soda ash, lime, clay or saw dust. Sweep up and bury. Wash area thoroughly with strong lye solution.

WORK SAFETY RULES

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of methyl parathion. The toll free number for the National Pesticide Telecommunication Network is 1-800-858-7378.

If handled indoors provide mechanical exhaust ventilation. 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 (Practical Treatment) section.

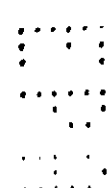
DIRECTIONS FOR USE

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

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment, and restricted-entry intervals. 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.

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:

- 1. Coveralls over long-sleeved shirt and long pants
- 2. Chemical-resistant gloves, such as barrier laminate or viton
- 3. Chemical-resistant footwear plus socks
- 4. Protective eyewear
- 5. Chemical-resistant headgear for overhead exposure

CHEMIGATION PROHIBITION

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

ATTENTION

To avoid excessive residues of 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. Because this material is poisonous by skin contact, inhalation or swallowing it should not be used in such a manner or under weather conditions as will permit drift of the spray onto areas not intended to be treated. Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE AND HANDLING:

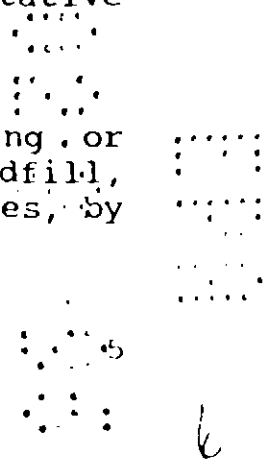
- 1. Handle container carefully so as to avoid damage and prevent spills.
- 2. Do not use or store in or around the home.
- 3. Store container in a well ventilated place.
- 4. Empty container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.
- 5. Keep out of reach of children and domestic animals.

PESTICIDE DISPOSAL

Wastes of this pesticide are acutely hazardous. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to label use 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



RECOMMENDATION USES

This product is designed for application after dilution with water and for use by trained operators using ai-plane 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. 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 tolerances established by the Environmental Protection Agency. Consult the State Agricultural Extension Service or Experiment Station for specific recommendations regarding application, dosage and timing of sprays. For application by ground equipment add 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 1/2 to 3 gallons of water consistent with crop growth and good coverage. Greater quantities of water may be required to give sufficient coverage of orchard trees.

CEREAL

BARLEY, OATS, RYE AND WHEAT:

For barley thrips - use 1/2 to 3/4 pint per acre.
For aphids, armyworms up to third instar, leafhoppers and winter grain mites - use 1/2 to 1 1/2 pints per acre.
For climbing cutworms - 1/4 to 1 pint per acre.
For chinch bugs, false chinch bugs and Say's plant bugs - 1 1/2 pints per acre.
For western or brown wheat mites - 1 pint per acre. Do not use more than 1/2 pint per acre within 15 days of harvest.

CORN:

For control of armyworms up to third instar, climbing cutworms, corn leaf aphids, corn rootworm adults, fall armyworms and stink bugs - 1/2 pint per acre. Do not apply within 12 days of harvest. Do not apply to corn during the pollen shed period.

RICE:

For rice stink bugs - 1/2 to 1 pint per acre. Do not apply within 15 days of harvest. Shrimp, crabs and crayfish may be killed. Do not apply where these are important resources.

SORGHUM:

For corn leaf aphids and mites - 1 pint per acre.
For sorghum midges - use 1 pint to 1 quart per acre; 2 applications, 3 to 5 days apart when approximately 90% of the heads have completely emerged from the boot or not later than start of blooming. Do not apply closer than 21 days before harvest. Leaf injury may occur on some hybrid varieties of sorghum. Spray a few rows a week or so before booting to test effects upon plants.

.....
.....
.....
.....
.....
.....
.....

FIELD AND FORAGE CROPS

ALFALFA AND CLOVER:

For control of alfalfa weevil larvae, aphids (including spotted alfalfa aphids) and climbing cutworms - 1/3 to 1 pint per acre. For alfalfa caterpillars, alfalfa adult weevils, armyworms up to third instar, clover leaf weevils and webworms - 1 pint per acre. For Egyptian alfalfa weevils, leafhoppers, Lygus bugs and spider mites - 1 to 2 pints per acre. Do not treat closer than 15 days before harvest, cutting or grazing. In California and Nevada do not use more than 1/4 pint per acre. Do not apply if the crop or weeds in the treatment area are in bloom.

COTTON:

For control of thrips - 1/4 to 1/2 pint per acre.
 For cotton leafworms - use 1/4 to 1/3 pint per acre.
 For grasshoppers and fall armyworms up to third instar - 1/2 pint per acre.
 For spider mites (does not control all species) - use 1/2 to 3/4 pint per acre.
 For control of fleahoppers, Lygus and other mirids - use 1/4 pint to 1 quart per acre.
 For boll weevils, aphids and garden webworms - use 1/2 to 1 pint per acre.
 For false chinch bugs - use 1 pint per acre.
 For cabbage loopers and cutworms - use 1 to 2 pints per acre.
 For bollworms, salt marsh caterpillars, armyworms up to third instar, cotton leaf perforators and stink bugs - use 1 quart per acre. Applications should be made at 4 to 5 day intervals until control is obtained. At above dosages, application may be made up to the day before harvest, if harvest will be with mechanical pickers.
 CAUTION: When necessary to enter treated cotton fields within 48 hours after application, protective clothing should be worn. Do not apply within 5 days of handpicking cotton.

GRASS (Forage):

For control of armyworms up to third instar, crested wheat bugs, false chinch bugs, grasshoppers and leafhoppers - 1 1/2 pints per acre. Do not apply within 15 days of harvest or grazing.

SOYBEANS:

For control of climbing cutworms and three-cornered alfalfa hoppers - use 1/2 pint per acre.
 For control of garden webworms - use 1/2 to 1 pint per acre.
 For control of aphids, blister beetles, Mexican bean beetles, stink bugs, two-spotted mites and velvet bean caterpillars - 1 pint per acre.
 For bollworms, cabbage loopers, fall armyworms up to third instar, and green cloverworms - 1 quart per acre. Do not apply closer than 20 days before harvest or grazing.

SUGAR BEETS:

For aphids, armyworms up to third instar, flea beetles, leafhoppers, Lygus bugs, stink bugs and webworms - use 1/4 pint per acre. Do not treat closer than 20 days before harvest, 60 days if tops are to be fed to livestock.

VETCH:

For control of aphids, armyworms up to third instar, climbing cutworms, leafhoppers, Lygus bugs, spider mites and vetch bruchids - use 1 to 2 pints per acre. Do not treat closer than 15 days before harvest or grazing.

OIL SEED CROPS

SUNFLOWER:

For control of sunflower moth - 1 quart per acre. Make no more than 3 applications at 5 day intervals. Do not apply within 30 days of harvest.

VEGETABLES

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 5 DAYS BEFORE HARVEST.

POTATOES:

For control of aphids, armyworms up to third instar, cabbage loopers, false chinch bugs, flea beetles, leafhoppers, mites, and shield bugs, use 1 1/2 quart per acre.

SWEET POTATOES:

For control of aphids, armyworms up to third instar, surface feeding and climbing cutworms, flea beetles, leafhoppers and mites - use 3/4 quart per acre.

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 7 DAYS BEFORE HARVEST.

BROCCOLI:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites - 1 to 3 pints per acre.
For cabbage loopers and stink bugs - 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest.

BRUSSELS SPROUTS:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites - 1 to 3 pints per acre.
For cabbage loopers and stink bugs - use 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest.

CAULIFLOWER:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites - 1 to 3 pints per acre.
For cabbage loopers and stink bugs - 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest.

KOHLRABI:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites - 1 to 3 pints per acre.
For cabbage loopers and stink bugs - 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days of harvest.

PEAS:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, Lygus bugs and mites - 1 to 2 pints per acre.
For cabbage loopers, cowpea curculio, surface feeding and climbing cutworms and stink bugs - 2 pints per acre. Rates above 1 pint should not be applied closer than 15 days before harvest. To avoid injury to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom.

RUTABAGAS:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites - 1 to 3 pints per acre.
For cabbage loopers - 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest.

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 10 DAYS BEFORE HARVEST.

CABBAGE:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites - 1 to 3 pints per acre.
For cabbage loopers and stink bugs - 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest.

COLLARDS, KALE AND MUSTARD GREENS:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers and mites - 1 to 3 pints per acre.
For cabbage loopers and stink bugs - 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest.

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 15 DAYS BEFORE HARVEST.

BEANS (Dry and Green):

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, Lygus bugs and mites - 1 to 3 pints per acre.
For cowpea curculio, surface feeding and climbing cutworms and

9

stink bugs - 2 to 3 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest. Do not apply if the crop or weeds in the treatment area are in bloom.

CARROTS:

For control of aphids, armyworms up to third instar, surface feeding and climbing cutworms, flea beetles, leafhoppers and mites - 1 quart per acre. Do not feed tops.

CELERY:

For control of aphids, armyworms up to third instar, cabbage loopers, flea beetles, leafhoppers, Lygus bugs, mites and stink bugs - 1 quart per acre.

ONIONS:

For control of thrips - 1/2 pint per acre.

SPINACH:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, mites, seed corn maggots in crown mites - 1 to 2 pints per acre.

For cabbage loopers - 2 pints per acre. Rates above 1 pint should not be applied closer than 21 days before harvest.

TURNIPS:

For control of aphids, armyworms up to third instar, flea beetles, leafhoppers, leaf miners and mites - 1 to 1 1/2 pints per acre. For cabbage loopers - 1 1/2 pints per acre. If tops are to be used for food or feed do not apply closer than 21 days before harvest.

APPLY AT THE RATES INDICATED FOR THE FOLLOWING CROPS. MAKE NO APPLICATIONS CLOSER THAN 21 DAYS BEFORE HARVEST.

LETTUCE:

For control of aphids, armyworms up to third instar, cabbage loopers, flea beetles, leafhoppers and mites - 1 quart per acre.

~~CONDITIONS OF SALE~~

~~All statements concerning the use of this product apply only when used as directed.~~

~~THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.~~

~~Read all directions carefully.~~

MICRO FLO WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSE STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER

10
11

12 9 12

MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF MICRO FLO. IN NO CASE SHALL MICRO FLO BE LIABLE FOR THE CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HERFIN, MICRO FLO MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

11