

p.m 1.9

51036-180

1 of 12

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO.	DATE OF ISSUANCE
	51036-180	October 17, 1991
	TERM OF ISSUANCE	
NAME OF PESTICIDE PRODUCT		Until Reregistration
		Parathion 8E

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 in connection with the registration of a product under this Act is not to be construed as giving the registrant a right :clusive 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 or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes:
 - a. Add the phrase, "EPA Registration No. 51036-180."
 - b. Revise the Restricted Use Statement to read as follows:

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

ATTACHMENT IS APPLICABLE of the precautionary statements.

SIGNATURE OF APPROVING OFFICIAL <i>Dennis H Edwards</i>	DATE 10/17/91
------------------------------------------------------------	------------------

- c. Delete the statement, "Not For Home Use" from the front panel of your product labeling.
- d. The statement, "See additional precautionary statements elsewhere on label" must be more specific. Please refer the user to a specific place on label where additional precautionary statements may be found.
- e. Please remove the reference to Dust from page two of your product labeling.
- f. Please revise the Environmental Hazards section to read as follows:

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. Do not apply directly to water or wetlands (swamps, marshes, bogs, and potholes). Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

Then proceed with the Bee Precautionary statement.

- g. Please add the following statement to the "Work Safety Rules" section.

During Aerial Application, Human Flaggers are Strictly Prohibited.

- h. On page four of your product labeling, please add the following statements to the end of the paragraph which begins as, "Remove the product..."

Examples of California-listed systems are the Chemprobe® Model II system sold by Cherlor Mfg. Co., Inc., P.O. Box 2174, Salinas, CA 93902, telephone 408-422-5477 or the Protect-O-Loader Model XM-1 system sold by Protecto Mfg. Co. 20169 Firerock Road, Bend, OR 97701, telephone 503-382-6886.

- i. On page five of your product labeling, please delete the heading, "Specifications For Closed Loading System," and all of the statements under that heading.

3 of 12

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.

Dennis H. Edwards, Jr.

DHE

Product Manager 19
Insecticide-Rodenticide Branch
Registration Division (H7505C)

enclosure

4 of 12

Ken

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.

**MICRO FLO
PARATHION 8 E**

ACTIVE INGREDIENTS:

Parathion (0,0-diethyl 0-p-nitrophenyl- phosphorothioate	76.35%
Related Compounds	3.65%
INERT INGREDIENTS	20.00%
TOTAL	100.00%

ACCEPTED
with COMMENTS
in EPA Letter Dabob

OCT 17 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
37036-180

Product contains 8 pounds of Parathion per gallon.

KEEP OUT OF REACH OF CHILDREN

~~POISON~~
DANGER PELIGRO

PRECAUCION AL USUARIO. Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

NOT FOR HOME USE *delete*

FIRST AID TREATMENT *delete*

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 doctor cannot come, take victim to clinic or hospital. Move victim immediately from the area where 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 while removing contaminated personal clothing and shoes to 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.

SEE ADDITIONAL PRECAUTIONARY STATEMENTS ELSEWHERE ON LABEL

BEST AVAILABLE COPY

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

PRECAUTIONARY STATEMENTS
Hazards To Humans and Domestic Animals
DANGER

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. RAPIDLY ABSORBED THROUGH SKIN. REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS. Do not breathe vapors or dust. Do not get in eyes, on skin or on clothing.

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: Headaches, 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.

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 a pharmacologic antidote and may be administered as an adjunct to, but not a substitute for, atropine which is a symptomatic and often life saving antidote. DO NOT GIVE MORPHINE OR TRANQUILIZERS BECAUSE THESE ANTIDOTES MAY PRODUCE ADVERSE EFFECT ACCENTUATING THE PHARMACOLOGIC EFFECT OF THIS PRODUCT. This product is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvements; VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

ENVIRONMENTAL HAZARDS

revised
This pesticide is highly toxic to fish, 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, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters. This product is extremely 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 HAZARDS

BEST AVAILABLE COPY

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 ash, lime, clay or saw dust. Sweep up and bury. Wash area thoroughly with strong lye solution.

WORK SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product, consult the Agricultural Extension Service or Experimental Station for specific recommendations regarding such blood tests.

If handled indoors, provide mechanical exhaust ventilation.

Keep all unprotected persons and animals 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. 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.

CHEMIGATION PROHIBITION

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

PROTECTION OF APPLICATORS, MIXER-LOADERS, AND MAINTENANCE PERSONNEL

APPLICATOR PROTECTION: The cockpit of the aircraft used to apply this product must be fully enclosed while the product is being applied. No pilot may apply this product if the pilot has earlier during the day of application performed any mixing/loading activities (other than acting as an observer) involving any pesticide product containing parathion.

MIXER-LOADER PROTECTION:

An observer must be present during all mixing/loading activities in order to furnish assistance in the event of an accident. The observer may not act as a mixer-loader.

MAINTENANCE PERSONNEL PROTECTION: ✓

The following protective clothing and equipment must be worn during repair, cleaning of application equipment, and disposal of pesticide: waterproof-suit of one or two pieces covering all parts of the body except the head, hands, and feet; heavy-duty chemical resistant gloves; chemical resistant shoes (or chemical resistant shoe coverings or chemical resistant boots); goggles or face shield; hood or wide-brimmed hat; NIOSH approved respirator.

Any person involved in mixing/loading activities (other than the observer) must wear (1) a cotton or other fabric coverall worn over a long-sleeved shirt and long pants, (2) chemical resistant boots and gloves, and (3) when the mixing/loading system is pressurized, a chemically resistant apron and a face shield or goggles.

Effective as of January 1, 1992, this product must be mixed and loaded in a closed system, as described below:

The liquid product must be removed from its original shipping container and transferred through connecting hoses, pipes, and/or couplings that are sufficiently tight to prevent handlers or other persons from contacting the parathion concentrate, use dilution, or rinsate solution.

All hoses, piping, tanks, and connections used in the system shall be of a type appropriate for the product being used and the pressure and vacuum levels involved. The system shall be designed and operated so that the concentrated form of this product is not under more than 25 psi of pressure at any point in the system beyond or downstream from a pump producing positive pressure. The closed system must be adequate to make necessary measurements of the product being used. External sight gauges shall be equipped with valves so that the flow of pesticide to the sight gauge can be shut off in case of breakage or leakage from the gauge.

Dry-break couplings shall be used for all hose connections that may be disconnected during normal mixing-loading operations (excluding periodic maintenance). A coupling shall be considered to be a dry-break coupling only if its manufacturer certifies that less than 2 milliliters of liquid will escape per disconnect.

In mixing-loading operations do not pour this product from its container. Before opening the container, make sure that the container is resting securely on the ground or a sturdy support, with the top (opening) end up and approximately level.

Remove the product from the container only by use of a vacuum-producing pump system connected to a probe system that is listed by the State of California under that State's program establishing criteria for closed-system handling of Toxicity Category I pesticides. *Examples.*

The probe system shall be screwed into the threaded opening in the top of the container to form a watertight connection, using appropriate adaptors provided by the probe manufacturer as necessary. The instructions provided by the seller of the probe system shall be followed, except that a removable probe may not be removed from the container until the container is empty and the container and probe have been thoroughly rinsed as required by this section.

The closed system must provide for adequate rinsing of any removable probe and of all containers that are not labeled for return to the registrant. Rinsing must be done using a liquid that contains no pesticide. The rinsing system must be capable of spray-rinsing the inner surface of the container. The rinse solution shall be removed from the pesticide container concurrent with the introduction of the rinse medium. The rinse solution shall go into the pesticide mix tank or applicator vehicle via the closed system.

The system shall be rinsed according to the specifications of the manufacturer of the probe system, or, in the absence of such specifications, by moving at least one half the container volume through the system. A minimum pressure of 15 psi shall be used for the spray rinse. Measures shall be taken to prevent the spray rinse

BEST AVAILABLE COPY

procedure from causing an increase in pressure on the inside of the container walls of more than 5 psi.

Either the operator of the closed system must have available at the time of operation a complete set of written instructions for proper operation of the system, or the certified applicator must document in writing before an operator uses the closed system that the operator has been adequately trained in the proper operation of the system.

SPECIFICATIONS FOR CLOSED LOADING SYSTEM

1. The liquid pesticide must be removed from its original shipping container and transferred through connecting hoses, pipes, and/or couplings that are sufficiently tight to prevent handlers or other persons from contacting the parathion concentrate, use dilution, or rinseate solution. A complete seal by dry break or screw-on coupling to the opening of the original container shall be required.

2. All hoses, piping, tanks, and connections used in conjunction with the closed parathion system shall be of a type appropriate for the formulation of parathion being used and the pressure and vacuum to be encountered.

3. External sight gauges shall be equipped with valves so that the pipes to the sight gauge can be shut off in case of breakage or leakage.

4. The closed system must be adequate to make necessary measurements of the pesticide being used.

5. The movement of parathion concentrate, beyond a pump by positive pressure, shall not exceed 25 psi of pressure.

6. A probe shall not be removed from the container before the container is emptied and the inside of the container and probe have been rinsed in accordance with Specification 8.

7. Shut-off devices must be installed on the exit end of all hoses and at all disconnect points to prevent leakage of parathion when the transfer is stopped and the hose is removed or disconnected.

... If a hose carried parathion concentrate and has not been rinsed in accordance with Specification 8, a dry-couple shutoff device that will minimize parathion drippage to not more than 2 ml. per disconnect must be installed at the disconnect point.

... If the hose carried diluted-for-use parathion or rinseate solution, a reversing action pump or a similar system that will empty the hose and eliminate dripping of liquid from the end of the hose may be used as an alternative to a shut-off device.

8. The closed system must provide for adequate rinsing of any containers that are not labeled for return to the registrant. Rinsing shall be done with a liquid that contains no pesticide.

(a) The rinsing system must be capable of spray-rinsing the inner surfaces of the container, and the rinse solution shall go into the pesticide mix tank or applicator vehicle via the closed system. The system shall be rinsed according to manufacturer's specifications or, in the absence of such specifications, through moving a volume of rinseate equal to at least one half the container volume through the system.

(b) A minimum of 15 psi of pressure shall be used for rinsing.

9/12

(c) The rinse solution shall be removed from the pesticide container concurrent with the introduction of the rinse medium.

(d) Parathion containers shall be protected against excessive pressure during the container rinse operation. The maximum pressure on the interior container walls must not be increased by more than exceed 5 psi.

9. The operator of the closed system must either have available to him at the time of operation a complete set of written instructions for proper operation of the system, or the certified applicator must document in writing before an operator uses the closed system that the operator has been adequately trained in the proper operation of the system.

INCIDENT REPORTING

A telephone notification must be made if mixing, loading, or use of a product containing parathion results in (1) inadvertent or unexpected human exposure to the product or illness resulting from exposure to the product, (2) spill of the product, (3) an investigation by Federal, State, or local authorities of allegations involving drift of the product, or (4) the deaths of birds or other wildlife. The certified applicator or the owner of the treated land must notify by telephone the Chief, Compliance Branch, Office of Compliance Monitoring, USEPA, at (202) 260-3375 within seven days of becoming aware of the incident.

RE-ENTRY STATEMENT

GENERAL REENTRY LIMITATION: While an area is being treated with this product and during the first three days after treatment (six days after treatment if the crop treated is corn), or any longer period of time prescribed by State law or regulation, no person may enter or remain in the treated area or within 100 feet of the treated area.

EXCEPTION: After four 4 hours have passed since the end of the application a person may enter an area under reentry restrictions to perform scouting or irrigation-related work in accordance with the following requirements:

(a) No person shall remain in any area under reentry restrictions for a total of more than 1 hour in any 24-hour period.

(b) Before entering the treated area the person must have read the product labeling or have been informed, in a language that the person can understand, of all the requirements of the product's labeling related to human hazards or precautions, first aid, symptoms of poisoning, personal protective equipment specified for early entry, and any other labeling requirements related to safe use.

(c) The person must wear personal protective equipment consisting of a cotton or other fabric coverall worn over a long sleeved shirt and long pants, chemical resistant boots, and chemical resistant gloves, and shall take appropriate measures to prevent heat-related illness.

(d) The person must carry an eye-flush dispenser containing at least one pint of water.

(e) A reasonably accessible decontamination site must be available with adequate supplies of potable water for washing, soap, and single-use towels. After restricted-reentry activity, the person must be provided soap, clean towels, and a sufficient amount of potable water for washing and must wash thoroughly after removing personal protective equipment.

NOT REPRODUCIBLE COPY

10/12

(f) All personal protective equipment worn during restricted reentry must be laundered separately and may not be worn home.

POSTING OF TREATED AREAS: Treated areas shall be posted with signs at all usual points of entry or in the corners of the treated areas affording maximum visibility. Written warnings must include the following information: **DANGER:** Area treated with Parathion on (date). Do not enter. Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

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 by other approved state and local procedures.

DIRECTIONS FOR USE

THIS PRODUCT MAY NOT BE APPLIED TO ANY CROP OTHER THAN ALFALFA, BARLEY, CORN, COTTON, SORGHUM, SOYBEANS, SUNFLOWER, AND WHEAT. ANY TREATED CROP MAY BE HARVESTED ONLY BY MECHANICAL MEANS; HAND HARVESTING OF A TREATED CROP IS PROHIBITED.

LIMITS ON APPLICATION

AERIAL APPLICATION ONLY: This product may only be applied aerially, and only by a certified commercial applicator as defined in FIFRA 2(e)(3).

AREAS WHERE APPLICATION IS PROHIBITED: This product may not be applied within 100 feet of buildings, public roads, or bodies of water. Parathion may not be applied within 100 feet of property lines unless the owner of the adjacent property has given prior written consent to the application and has been informed of the timing of the application and the appropriate reentry requirements.

DRIFT REDUCTION MEASURES: Do not apply this product if the wind exceeds 10 miles per hour. Apply only from nozzles located not more than 75% of the distance from the center of the aircraft to the wing tip or helicopter rotor tip.

NOTIFICATION TO LAND OWNER: A certified commercial applicator shall not apply this product to a person's property unless the applicator has notified the person in

BEST AVAILABLE COPY

writing no more than 12 months before the date of the application of: the requirement that crops treated with parathion be harvested mechanically; the appropriate reentry interval and the requirements concerning reentry set forth on this label; and the incident reporting requirements set forth on this label.

FIELD AND FORAGE CROPS

ALFALFA - For sweet clover aphids, three-cornered alfalfa hoppers, alfalfa caterpillars, and spittlebugs, use 1/4 pint per acre. For aphids, alfalfa weevil larvae, and adult weevils, armyworms, clover leaf weevils, climbing cutworms, webworms, grasshoppers, crickets, spotted alfalfa aphids, leafhoppers, Lygus bugs, thrips and tortricid moths, use 1/4 to 1/2 pint per acre. For control of range caterpillar, use 1/2 pint per acre. For alfalfa seed chalcids control on alfalfa grown for seed, use 1/4 to 1/2 pint per acre. California and Nevada regulations limit the use of this material to not more than 3/4 pint per acre. For clover head weevils, spider mites, blister beetles, Asiatic garden beetles, sweet clover weevils, and green June beetles, use 1/2 pint per acre. For beet armyworms and corn earworms use 1/2 to 3/4 pint per acre. Do not spray alfalfa during bloom period to avoid injury to honey bees. For alfalfa weevil larvae, apply when 50 to 75 percent of terminals are damaged; or when buds and shoots first appear ragged; or when larvae count reaches 25 per sweep. Do not apply within 15 days of harvest, cutting or forage use.

BARLEY AND WHEAT - To control armyworms up to third instar, aphids (greenbugs) and winter grain mites, use 1/4 pint per acre. For thrips, use 1/4 to 3/8 pint per acre. For Say's plant bugs, use 3/8 pint per acre. For black grass bugs, stink bugs, white spider mites, leafhoppers, climbing cutworms, grasshoppers and brown wheat mites, use 1/2 pint per acre. For chinch bugs, false chinch bugs and banks grass mites, use 3/4 pints per acre. Do not apply within 15 days of harvest, cutting or forage use.

CORN - For control of European corn borers, use 1/2 pint per acre. Apply the first spray when 75% of the corn plants show "shot-hole" feeding and follow with two additional sprays at 5 to 10 day intervals. Use sufficient water per acre to provide complete coverage and be certain whorls of plant are well treated. For corn leaf aphids, and grasshoppers, use 1/4 to 1/2 pint per acre. For fall armyworms, corn earworms, corn rootworm adults, armyworms up to third instar, climbing cutworms, and Japanese beetles, use 3/8 pint per acre. To control stink bugs and spider mites, use 1/2 pint per acre. To control chinch bugs, use 3/4 pints per acre. Do not apply within 12 days of harvest, cutting, or forage.

COTTON - To control aphids, mites, cotton leafworms, cotton fleahoppers, garden webworms and thrips, use 1/4 pint per acre. For some spider mites, use 1/8 to 1/4 pint per acre. For cabbage loopers, use 3/8 to 1/2 pint per acre. For boll weevils and stink bugs, use 1/2 to 3/4 pint per acre. For salt-marsh caterpillars, use 1/2 to 1 pint per acre. For bollworms, cotton leaf perforators, Lygus bugs, false chinch bugs, serpentine leaf miners and southern garden leafhoppers, use 1/2 quart per acre. Use enough water for complete coverage. Make first application when insects appear and repeat at 7 day intervals if required. If desired, this formulation may be combined with other insecticides in a complete cotton spray program. Do not harvest within 7 days after application.

SORGHUM - To control sorghum midge, apply at rate of 1/2 pint to 1/2 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. For corn leaf aphids and mites, use 1/4 pint per acre. For sorghum webworms, fall armyworms, armyworms up to third instar, and corn earworms, use 3/8 to 1/2 pint per acre. To control chinch bugs, use 3/4 pints per acre. Leaf injury may occur on some hybrid varieties of sorghum. Spray a few rows a week or so before booting to test effects on plants. Do not apply within 12 days of harvest, cutting or forage use.

SOYBEANS - To control webworms, use 1/4 pint per acre. To control velvet bean caterpillars, grasshoppers, green cloverworms, two-spotted mites and stink bugs, use 1/2 pint per acre. To control corn earworms and fall armyworms, use 1/2 to 4/5 pints per acre. Do not apply more than twice per growing season. Do not apply within 20 days of harvest, cutting or forage use.

SUNFLOWERS - To control sunflower moth, use 1/2 to 1 pint per acre with 2 to 3 repeat applications at 5 day intervals. Hybrid sunflowers completely bloom in 12 to 15 days thus the initial application should be made at onset of flowering or before 10% to 20% of plants begin to flower and moth and young larvae are present. Do not apply later than 30 days before harvest.

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.

BEST COPY AVAILABLE