

PRODUCT CODE 6101-

MAVRIK 2E
INSECTICIDE - ACARICIDE

- . For Use on Certain Crops Grown for Planting Seed.
- . For Use On Nonbearing Fruit & Nut Trees and Vines, and Turf.

ACTIVE INGREDIENT:

(RS,2R)-fluvalinate [(RS)-o-cyano-3-phenoxybenzyl
(R)-2-[2-chloro-4-(trifluoromethyl)anilino]-3-methyl-
butanoate]* 25%

INERT INGREDIENTS: 75%

Contains Petroleum Distillates.

MAVRIK 2E is an emulsifiable concentrate formulation containing 2 pounds
(RS,2R)-fluvalinate per gallon (240 g/l).

*U.S. PAT. 4,260,633 and other Patents Pending.
MAVRIK 2E is a trademark of Zoccon Corporation

EPA Registration No. 20954-
EPA Est. No. 39578-TX-1

KEEP OUT OF REACH OF CHILDREN

DANGER

Corrosive. Causes eye damage.

See back panel for additional precautionary statements and first aid.

ZOECON CORPORATION
AGRICULTURAL CHEMICALS DIVISION
Palo Alto, California 94304

NET CONTENTS:

ACCEPTED
U.S. DEPARTMENT OF AGRICULTURE
EPA REGISTRATION DIVISION

OCT 20 1975

Product Name: _____
EPA Reg. No.: _____
EPA Est. No.: _____
20954-115

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

DANGER

OPEN CONTAINER IN WELL VENTILATED AREA
DO NOT BREATHE FUMES

CORROSIVE TO EYES. NEVER open or pour this product without using protective goggles or full face shield. In case of accidental eye contact with undiluted product, get medical attention immediately.

Avoid Breathing Spray Mist. To avoid potential irritation of nose and throat from fine spray particles, use a NIOSH approved dust mask. Avoid contact with skin or clothing. Wear rubber gloves while handling. Wash thoroughly after handling. Remove contaminated clothing and wash thoroughly before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES:

Undiluted Product - Get medical attention immediately. Flush thoroughly with a directed stream of water for 15 minutes during transport to the physician.

Diluted Spray mist - Flush thoroughly with a directed stream of water for 15 minutes. Get medical attention immediately.

IF ON SKIN:

Wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED:

Do not induce vomiting. Call a physician. Gastric lavage should be supervised by trained personnel. Product contains hydrocarbon solvent which can be harmful if aspiration occurs.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply when weather conditions favor drift from the target area. Application must be at least 1/8 mile from any ponds less than 2 acres in surface area. Product may not be used in the immediate area or watershed where endangered species or their habitat are believed to be located.

PHYSICAL/CHEMICAL HAZARD

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 use where any part of the crop will be used for human or animal consumption. Applications may not be made to trees or vines which will be harvested within one year.

Use MAVRIK 2E after seedstalk formation, or during and after bloom. Do not graze animals in treated areas, or feed gleanings or crop residues to animals. Do not replant MAVRIK treated fields with food crops within 90 days of last MAVRIK application.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Do not reuse empty container. Triple rinse and dispose in approved landfill or according to local regulations. In case of spill or leak, soak up with soil or other absorbent material. Dispose of waste in compliance with local, state and federal regulations.

INTRODUCTION

MAVRİK 2E INSECTICIDE controls insects and controls or suppresses mite pests depending on rates used. MAVRİK works primarily through contact action, so target pests must be exposed to the spray or spray deposits. Good spray coverage is necessary. Treat when pests are young and populations manageable, before crop damage occurs. Repeat as indicated or as needed; generally at five to ten day intervals. Good evaluation of performance can generally be made three to four days after treatment. Where heavy populations are treated, repeated applications five to seven days apart may be necessary to bring pests under adequate control. Residues of MAVRİK can continue to control certain insect pests for a week or longer. Growth dilution, climatic variables and pest habits determine treatment needs.

For most pests listed, a range of use rates is given. The higher rates must be selected when pest pressure or damage potential is severe. The more economical rates often give acceptable results.

Mite populations are suppressed by MAVRİK. For severe infestations, use the highest rate of MAVRİK or a specific acaricide.

Dried residues of MAVRİK 2E are non-toxic and non-repellant to honeybees. Treat during non-foraging periods to minimize potential adverse effects.

Dilute MAVRİK 2E in sufficient water to give good spray coverage based on local crop protection experience. By air, use five to twenty gallons of water per acre. Buffer spray water to pH 5-7, if necessary. When MAVRİK 2E is tank mixed with wettable powders, add powders to the tank first. Check for physical and biological compatibility prior to use.

Consult your local Extension office or a Zoecon specialist for guidance in selecting a rate and timing schedule that has demonstrated good performance under specific conditions.

RECOMMENDED APPLICATIONS

COMMODITY	PESTS	RATE lb. AI/ACRE
PLANTING SEED CROPS (After seed stalk formation)	Aphids Flea beetles Midge Thrips Mites	0.025-0.075
brussel sprouts cabbage carrot collard kale lettuce onion parsnip radish spinach swiss chard tobacco	Diamondback moth Lygus plant bugs Loopers (Pea, Alfalfa, Cabbage, Mint) Grasshoppers Stink bug Leafhoppers Corn earworm (and other <u>Heliothis</u> spp.) Imported cabbageworm Cabbage pod Weevils Beetles (Japanese, Mexican bean, Blister, Cabbage flea Leaf, Bean leaf, Black pollen Greenbug) Webworms (Fall, Garden) Leaf tiers Onion maggot Velvetbean caterpillar Green cloverworm	0.05-0.1
	Armyworms Cutworms (Climbing and Surface feeding) Mites Mormon cricket	0.075-0.15
TURF (Use sufficient water to penetrate to pest)	Chinch bugs Earwigs Ticks Ants Lawn Moths (Sod Webworms) Bermuda Mites Crickets Armyworms Brown Dog Ticks Chiggers Clover Mites Cutworms Flas Leafhoppers Sowbugs Millipedes Springtails (Collembola)	0.05-0.15

RECOMMENDED APPLICATIONS

COMMODITY	PESTS	RATE lb. AI/ 100 GAL.
NONBEARING FRUIT TREES, NUT TREES & VINES	Scales (Crawlers) Mites Leafrollers Stink bug Borers (Lesser peach tree) Cutworms Gypsy moth Tussock moth Leafhoppers Lygus plant bugs Red humped caterpillar Tufted apple budmoth Cankerworms Loopers (Pea, Alfalfa, Cabbage, Mint) Japanese Beetles Rose chafer Webworms (Fall, Garden) Curculios Tent caterpillars	0.05-0.1
	Aphids Thrips	0.025-0.075

WARRANTY AND CONDITIONS OF SALE

Zoecon Corporation warrants that this product conforms to the chemical description on the label and is useful for the control of insects as described herein. Neither Zoecon nor the seller makes any other warranty, express or implied.

(0409E/61C)

RECOMMENDED APPLICATIONS

COMMODITY	PESTS	RATE lb. AI/ 100 GAL.
NONBEARING FRUIT TREES, NUT TREES & VINES	Scales (Crawlers)	0.05-0.1
	Mites	
	Leafrollers	
	Stink bug	
	Borers (Lesser peach tree)	
	Cutworms	
	Gypsy moth	
	Tussock moth	
	Leafhoppers	
	Lygus plant bugs	
	Red humped caterpillar	
	Tufted apple budmoth	
	Cankerworms	
	Loopers (Pea, Alfalfa, Cabbage, Mint)	
	Japanese Beetles	
	Rose chafer	
	Webworms (Fall, Garden)	
Curculios		
Tent caterpillars		
Aphids	0.025-0.075	
Thrips		

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (411-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE 11-20-73
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREГИSTRATION (Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code)	
<p style="text-align: right;">121/107051 18/1</p>		
<p>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.</p>		
<p>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.</p>		
<p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p>		
<p>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 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.</p>		
<p style="text-align: right;">Att</p>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE