

SANDOZ CROP PROTECTION

STORAGE AND DISPOSAL

STORAGE: Store away from direct sunlight or heat. Pesticides must be stored in a secured area away from food, feed and other products. In case of spill or leak, ventilate area well, then soak up with suitable non-alkaline absorbent material.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are hazardous. Proper disposal of excess pesticide concentrate or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or 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 landfill, or by other procedures approved by state and local authorities.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and other aquatic organisms. Use with care when applying adjacent to any body of water. Do not apply directly to water or wetlands. Do not apply when weather conditions favor drift from target area. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label. Observe endangered species precaution on attached booklet.

PHYSICAL/CHEMICAL HAZARD

Do not use or store near heat or open flame.



**SANDOZ
CROP PROTECTION
CORPORATION**

MAVRIK[®] 2E

Insecticide

ACTIVE INGREDIENT:

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

INERT INGREDIENTS 75%

Contains Petroleum Distillates.

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

**KEEP OUT OF REACH OF CHILDREN
DANGER • PELIGRO**

Corrosive. Causes eye damage. Do not breathe fumes in can.
See side panel for additional precautionary statements
and statement of practical treatment.

PRECAUCIÓN AL USUARIO: Si usted no lee inglés, no use este producto
hasta que le etiqueta haya sido explicado ampliamente.

*U.S. PAT. 4,260,633 and 4,411,912
EPA Reg. No. 55947-98
EPA Est. No. 39578-TX-1

**NET CONTENTS:
1 QUART (0.9462 ml)**

Made in U.S.A.

MAVRIK[®] is a Registered Trademark of Sandoz Ltd.
©SANDOZ CROP PROTECTION CORP.

**PRECAUTIONARY STATEMENTS:
HAZARDS TO HUMANS**

DANGER

**OPEN CONTAINER IN
WELL VENTILATED AREA
DO NOT BREATHE FUMES IN CAN**

CORROSIVE TO EYES: Use eye goggles or full face shield when spraying or pouring this product.

AVOID BREATHING SPRAY MIST: Avoid potential throat irritation from spray particles. Use a properly fitted NIOSH approved respirator equipped with an organic vapor/pesticide cartridge and prefilter. Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin or clothing. Wear rubber gloves while handling. Wear protective clothing. Wash exposed skin with soap and water after handling and before eating. Wash contaminated clothing with soap and water before reuse. Individuals may temporarily experience an itching or burning sensation with or without a rash, soon after exposure. Avoid hand or sleeve to face contact. Prior to exposure or after washing, an application of certain vegetable oils may reduce these symptoms.

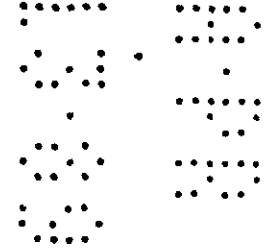
**STATEMENT OF
PRACTICAL TREATMENT**

IF IN EYES: Undiluted Product - Get medical attention immediately. Flush thoroughly with a directed stream of water for 15 minutes during transport to a 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 it persists.

IF SWALLOWED: Do not induce vomiting. Call a physician. Gastric lavage should be supervised by trained personnel. If it contains hydrocarbon solvent, there may be harmful aspiration hazards.

IF INHALED: Remove to a well ventilated area and apply artificial respiration if necessary.



ACCEPTED

55947-98

BEST AVAILABLE COPY

5

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For end use only. Do not repackage or reformulate without manufacturer's written approval.

INTRODUCTION:

MAVRIK 2E INSECTICIDE controls insects and controls or suppresses mite pests depending on rates used. MAVRIK 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, the shorter interval may be necessary to bring pests under adequate control. Residues of MAVRIK 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 MAVRIK. For severe infestations, use a specific acaricide.

Dilute MAVRIK 2E in sufficient water to give good spray coverage based on local crop protection experience. Buffer spray water to pH 5-7, if necessary.

AIR: Use five to twenty gallons of water per acre.

GROUND: Use a minimum of five gallons of water per acre.

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

Pollinators: When MAVRIK 2E is applied during non-flowering periods, dried residues will not interfere with the activity of honeybees.

DO NOT allow grazing of livestock in treated areas or feeding of treated forage.

DO NOT replant treated fields within ninety days of last application.

Field re-entry after spray has dried.

BEST MANAGEMENT PRACTICES

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
brussal 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 poller 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 Flies Leafhoppers Sowbugs Millipedes Springtails (Collembola)	0.05-0.15

BEST AVAILABLE COPY

RECOMMENDED APPLICATIONS (continued)

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

BEST AVAILABLE COPY

ENVIRONMENTAL HAZARDS

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

Use of Navrik 2E insecticide may pose a hazard to the following Federally designated endangered/threatened species known to be found in certain areas within the named locations.

BLACKWATER DARTER - Tennessee counties including Lawrence and Wayne. Alabama counties including Limestone, Lauderdale and Madison.

FRESHWATER MUSSELS - Headwaters on small rivers in the middle and upper drainage of the Cumberland and Tennessee Rivers in Tennessee counties of Clarborne, Hancock, Hawkins and Sullivan and the Virginia Counties of Smyth, Washington, Scott, Lee and Grayson. Any tributary of the White or St. Francis Rivers in the Arkansas counties of Independence, Jackson, Woodruff, Monroe, Arkansas, Lee, St. Francis, Cross, Polk, Greene, Craighead.

PECOS GAMBUSIA - Texas counties including Reeves, Jefferson Davis and Pecos. New Mexico counties including Chavez and Eddy.

COMANCHE SPRINGS PUFFIN - Texas counties including Reeves and Jefferson Davis.

DEXTER NATIONAL FISH HATCHERY - Chavez County, New Mexico

This product may not be used in these areas where adverse impact on the Federally designated endangered/threatened species is likely.

Notify State or Federal authorities and Sandoz Crop Protection Corporation immediately if you observe any adverse effects due to the use of Navrik insecticide.

LIMITED WARRANTY AND LIABILITY

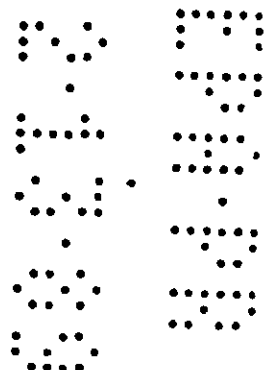
Notice: Read this Limited Warranty and Liability before buying or using this product if terms are not acceptable. return it at once, unopened.

It is critical that this product be used and mixed only as specified on the label. The laws of the State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of this Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved. Except to the extent prohibited by State Law, there is no warranty, and this Company and other Sellers disclaim all liability for losses, personal injury or damages: (i) arising from any use of this product in a manner or for a purpose not recommended in its label directions, or from mixing this product before use with any substance except as recommended by the product's label; (ii) arising from handling or storage in violation of label instructions; (iii) for all indirect, special or consequential damages; (iv) when not reported to this Company within one year of discovery; and (v) arising from product not used within the label - designated shelf life or four years from the date of purchase, whichever occurs first. THERE ARE NO IMPLIED WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.

MARVIK 2E is a registered trademark of Sandoz Ltd.
© Sandoz Crop Protection Corp. 1989



SANDOZ
CROP PROTECTION
CORPORATION
Des Plaines, IL 60018



BEST BUY