ZOLONE® WP

FOR AGRICULTURAL OR COMMERCIAL USE ONLY

DEC 1 4 1987

For an air.

Registered under EPA Reg. No. 359-626

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO

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

FOR ADDITIONAL PRECAUTIONARY STATEMENTS: See Inside Booklet

For PRODUCT USE Information Call 1-800-334-9745.

For EMERGENCY Information ONLY Call 24 Hours A Day 1-800-334-7577.

Manufactured for:

RHONE-POULENC AG COMPANY
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709

ZOLONE is a registered trademark of Rhone-Poulenc Inc
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PRECAUTIONARY STATEMENTS

WARNING

HAZARD TO HUMANS AND DOMESTIC ANIMALS

May be fatal if swallowed. Harmful if absorbed through skin or inhaled. Causes eye irritation. May cause allergic skin reactions. Do not get in eyes, on skin or on clothing. Wear protective clothing, natural rubber gloves, and goggles. Do not breathe fumes or spray mist. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety under the provisions of 30 CFR Part II.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 to 2 glasses of water and induce vomiting by touching finger to back of throat. Do not give anything by mouth or induce vomiting to an unconscious or convulsing person. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush with water for 15 minutes. Get medical attention.

NOTE TO PHYSICIAN

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Causes cholinesterase inhibition. Atropine by injection is antidotal only if symptoms of cholinesterase inhibition are present. 2-PAM is also antidotal and may be administered in conjunction with atropine. Warning symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs, and other wildlife. Do not apply directly to lakes, streams or ponds. Do not apply where run off is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

This product is toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product if bees are visiting the treatment area.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

GENERAL WORKER PROTECTION STATEMENT

Reentry into treated fields is prohibited within 24 hours of application. State or local use and reentry regulations may be more restrictive than those stated on this label.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Do not enter treated areas for 24 hours unless appropriate protective clothing is worn.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

GENERAL INFORMATION

SPECIAL NOTES: Do not allow livestock to graze cover crops in orchards or nut groves treated with ZOLONE® WP; do not feed cover crops treated with ZOLONE® WP to livestock. Apply this product only as specified on this label.

Do not apply ZOLONE® WP through any type of irrigation system.

ZOLONE® WP is a 25% wettable powder intended for application as a water mix spray. This product is suitable for use in all power operated ground sprayers, including concentrate sprayers and by aircrafts. Keep spray mix agitated when spraying. For application as a dilute spray to all crops, mix the amount shown per 100 gallons in sufficient water to allow for spray to wet. For concentrate sprays, mix the amount shown per acre in sufficient water to obtain adequate coverage. The use of surfactants (wetting agents) with ZOLONE® WP is not recommended.

Local conditions may affect the use of ZOLONE® WP. Consult State Agricultural Extension or Experiment Station specialists for specific recommendations, consistent with label, and proper timing of treatments for local pest problems.

ORCHARD AND VINEYARD CROPS:

CROP	PEST	ZOLONE WP LBS/100 GALLONS	LBS. ZOLONE WP ACRE	SPECIAL INSTRUCTIONS
APPLES and PEARS	Apple aphid Rosy apple aphid Codling moth*	1 to 2	4 to 9	Use minimum recommended infestations. For sever recommended rates. For
	Green fruitworm** Fruittree leafroller** Obliquebanded leafroller*** Redbanded leafroller**	1 1/2 to 2	6 to 8	recommended amount per 1 spray to wet. For conce mended Josage per acre be sufficient water for the russeting of (golden) De varieties of apples may some areas. Do not appl Do not apply more than 7 per season.
				*Apply at petal fall and thereafter until control
				**Use on this pest. Not
				***Except phosphate resi pest, not registered in
PEARS	Pear psylla	5	12	
APPLES	Apple maggot	1 to 2	6 to 8	Use minimum recommended infestations. For sever recommended rates. For sever spray to wet. For concercommended dosage per a sufficient water for the russeting of (golden) by varieties of apples may in some areas. Do not apply marvest. Do not apply marvest.
				Not for use in Californ

CROP	PEST	ZOLONE WP LBS/100 GALLONS	LBS. ZOLONE WP ACRE	SPECIAL INSTRUCTIONS	
GRAPES*	Grape leafhopper Variegated leafhopper	4 to 8	8 to 16	Use minimum recommended rates for low to moderate infestations. For severe infestations, use higher rates. For dilute sprays, mix recommended amount per 100 gallons of water and spray to wet. For concentrate sprays, apply recommended dosage per acre by ground equipment in sufficient water for thorough coverage. Do not apply more than 32 pounds of ZOLONE WP per acre per season. Do not apply within 14 days of harvest. On varieties where residue of spray powder is objectionable, do not apply after the "buckshot" stage of berry development. *Recommendation limited to California.	
PLUMS/ PRUNES, APRICOTS, PEACHES and NECTARINES	Peach twig borer	2		Use minimum recommended rate for low to moderate	
	Plum curculio	2 to 4	8 to 16	infestations. For severe infestations, use higher rates. For dilute sprays, mix the recommended amount per 100 gallons of water and spray to wet. For concentrate sprays, apply recommended dosage pe acre by ground equipment in sufficient water for	
PEACHES and NECTARINED APRICOTS	Oriental fruit moth	2	8	coverage. Apply in a seasonal program as required but do not apply more than 48 pounds of ZOLONE WP per acre per season. Do not apply within 7 days of harvest.	
PEACHES and NECTARINES	Green fruitworm*	1 1/2 to 2	6 to 9	*Use on this pest, not registered in California.	
CHERRIES	Fruittree leafroller Cherry fruit fly	1 1/2 to 4	12 to 32 16	Use minimum recommended rate for low to moderate infestations. For severe infestations, use higher	
	Black cherry aphid* Eye-spotted bud moth* Mineola moth* Plum curcullo*	1 1/2 to 2	6 to 9	rates. For dilute sprays, mix the recommended amount per 100 gallons of water and spray to wet. For concentrate sprays, apply recommended dosage pracre by ground equipment in sufficient water for thorough coverage. Apply in a seasonal program as required, but do not apply more than 48 pounds of ZOLONE WP per acre per season. Do not apply within 7 days of harvest.	
				*Use on this pest, not registered in California.	

ORCHARD AND VINEYARD CROPS (Cont'd)

CROP	PEST	ZOLONE WP LBS/100 GALLONS	LBS. ZOLONE WP AGRE	SPECIAL INSTRUCTIONS	
ALMONDS	Peach twig borer	2 to 3	8 to 12	Use minimum recommended rate for low to moderate infestations. For severe infestations, use higher rates. For dilute sprays, mix the recommended amount per 100 gallons of water and spray to wet. For concentrate sprays, apply recommended dosage per acre by ground equipment in sufficient water for thorough coverage. Apply a minimum of 8 pounds of ZOLONE WP per acre per application. Do not apply more than one application during the fruiting season. Do not apply more than 24 pounds of ZOLONE WP per acre per season, of which no more than 12 pounds should be applied when fruit is present. Do not apply within 60 days of harvest.	
ENGLISH WALNUTS	Dusky winged aphid* Walnut aphid	1 to 2	3 to 6	Use minimum recommended rate for low to moderate infestations. For severe infestations, use higher rates. For dilute sprays, mix the recommended amount per 100 gallons of water and spray to wet. For concentrate sprays, apply recommended dosage pacre by ground equipment in sufficient water for thorough coverage. Apply in a seasonal program as required, but do not apply more than 80 pounds of ZOLONE WP per acre per season. Apply a minimum of 4 pounds of ZOLONE WP per acre when used in air blast sprayers. Do not apply after the husks spli	
	Codling moth	2 to 3	9 to 12		
				*Use on this post, not registered in California,	

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experiences. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND IO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.