

PRODUCT NUMBER
3485

Specimen # 357-620 PM 12
SPECIMEN LABEL^{PH}

BEST AVAILABLE COPY

MAY 1 1987

ZOLONE[®] EC INSECTICIDE



For Commercial Use Only

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.

REENTRY 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.

STORAGE AND DISPOSAL

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

STORAGE:

Do not use, pour, spill or store near heat or open flame. Do not store below 32°F.

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:

Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GENERAL INFORMATION

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

Zolone EC is an emulsifiable concentrate 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 aircraft. 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 EC is not recommended. Crop injury resulting from adverse environmental conditions may be aggravated by the use of this product. Local conditions may affect the use of Zolone EC. 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	DILUTE PTS/ 100 GAL	CONC. PTS/ACRE	SPECIAL INSTRUCTIONS
APPLES and PEARS	Apple aphid Rosy apple aphid Woolly apple aphid Codling moth Green fruitworm	1	4	Use minimum recommended rate for low to moderate infestations. For severe infestations use higher recommended 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. Do not apply more than 4 1/2 pints per acre per season. Some russeting of (golden) Delicious and other yellow varieties of apples may follow use of Zolone EC in some areas. Do not apply within 14 days of harvest. *Suppression **Except phosphate resistant strains ***Control when used in a seasonal program
	European red mite* Fruitree leafroller Obliquebanded leafroller** Redbanded leafroller Plum curculio	1 to 1 1/2	4 to 6	
APPLES	Apple maggot Apple rust mite*** European apple sawfly	1 to 1 1/2	4 to 6	
PEARS	Pear psylla	2	8	
GRAPES	Grape phylloxera*	1 1/2 to 2	2 1/2 to 4	Use minimum recommended rate for low to moderate infestations. For severe infestations use higher rates. For dilute sprays mix the quantity shown 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. Repeat applications as required but do not use more than 2 1/2 pints per acre per season. Do not apply within 14 days of harvest. Use only concentrate sprays on grape varieties intended for packing or canning. *Foliar form *Suppression ***Use ground equipment and spray to wet
	European red mite** Pacific spider mite** Grape berry moth Grape leafhopper	1 1/2 to 2	4 to 6	
	Omnivorous leafroller***			
	Variogated leafhopper	1 1/2 to 2	5 to 6	

BEST AVAILABLE COPY

ORCHARD AND VINEYARD CROPS:

CROP	PEST	DILUTE PTS/ 100 GAL	CCMC. PTS/ACRE	SPECIAL INSTRUCTIONS
ALMONDS	Peach twig borer Brown mite* European red mite* Pacific spider mite*	1½ to 2	6 to 8	Use minimum recommended rate for low to moderate infestations. For severe infestations, use higher rates. For dilute sprays mix recommended amount in 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 5½ pints per acre, per application. Do not apply more than one application during the fruiting season. Do not apply more than 18 pints per acre per season, of which no more than 8 pints should be applied when fruit is present. Do not apply within 60 days of harvest. *Suppression
ENGLISH WALNUTS	Walnut aphid Dusky winged aphid Codling moth Walnut husk fly* European red mite**	1 to 1½	2 to 4	Use minimum recommended rate for low to moderate infestations. For severe infestations, use higher rates. Mix recommended amount in 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 in a seasonal program as required, but do not apply more than 53½ pints per acre per season. Apply a minimum of 2½ pints per acre when used in air blast sprayers. Do not apply after the husks split. *Apply before larval feeding causes the husks to darken or shortly after oviposition **Suppression.
FILBERTS*	Filbert aphid Filbert leafroller Filbertworm	1 to 1½	4 to 6	Use minimum recommended rates for low to moderate infestations. For severe infestations, use higher rates. For dilute sprays, mix recommended amount in 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 4 pints per acre per application. Do not apply within 30 days of harvest *Recommendations limited to Oregon and Washington only
PECANS	Pecan aphid (<i>Monellia</i> sp.) Black pecan aphid Hickory shuckworm Pecan nut casebearer Pecan phylloxera* Pecan spittlebug Pecan weevil	1½	3 to 5	Use minimum recommended rates for low to moderate infestations. For severe infestations use higher rates. For dilute sprays, apply specified dosage per acre by air or ground equipment in sufficient water for thorough coverage (normally 5-15 gallons per acre by air, 200-400 gallons per acre by ground). Apply in a seasonal program as required, but do not apply more than 53½ pints per acre per season. Do not apply after shucks split. NOTE: With aerial application control may be reduced due to poorer coverage. Do not tank mix this product with disulfoton. *Suppression.

NOT AVAILABLE

ORCHARD AND VINEYARD CROPS:

CROP	PEST	DILUTE PTS/ 100 GAL.	CONC. PTS/ACRE	SPECIAL INSTRUCTIONS
PLUMS/PRUNES, APRICOTS PEACHES AND NECTARINES	Green peach aphid Hop aphid Leafcurl plum aphid Thistle aphid Peach twig borer Plum curculio Brown mite* European red mite*	1 to 1½	4 to 6	Use minimum recommended rates for low to moderate infestations. For severe infestations, use higher rates. For dilute sprays, mix recommended amount in 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 in a seasonal program as required, but do not apply more than 53½ pints per acre per season. Do not apply within 7 days of harvest. *Suppression.
PEACHES AND NECTARINES, APRICOTS	Oriental fruit moth	1 to 1½	4 to 6	*Suppression.
PEACHES and NECTARINES	Green fruitworm	1 to 1½	4 to 6	
CHERRIES	Black cherry aphid Cherry fruit fly Eye-spotted bud moth Fruitree leafroller Mineola moth Plum curculio	1 to 1½	4 to 6	Use minimum recommended rates for low to moderate infestations. For severe infestations, use higher rates. For dilute sprays, mix recommended amount in 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 in a seasonal program as required, but do not apply more than 53½ pints per acre per season. Do not apply within 7 days of harvest.
CITRUS (Oranges, Lemons, and Grapefruit)	Orange dog Citrus red mite* Citrus thrips White fly	2½	4 to 8 8 to 12	Use minimum recommended rates for low to moderate infestations. For severe infestations, use higher rates. For dilute sprays, mix recommended amount in 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 make more than one application every 30 days, nor more than 2 applications per season. Do not apply more than 66½ pints per acre per season. Do not apply within 14 days of harvest *Suppression, recommendations limited to California and Arizona

BEST AVAILABLE COPY

p. 6/12

VEGETABLES:

CROP	PEST	DILUTE PTS/ACRE	CONC. PTS/A	SPECIAL INSTRUCTIONS
ARTICHOKEs	Chrysanthemum leaf miner Aphide	5½	—	Use minimum recommended rates for low to moderate infestations. For severe infestations, use higher rates. Apply specified dosage per acre by air or ground equipment in sufficient water for complete coverage (normally 5-10 gallons per acre by air, 50-100 gallons per acre by ground). Apply in a seasonal program as required, but do not apply more than 32 pints per acre per season. Do not apply within 7 days of harvest.
	Plum moth	2½ to 5½	—	
POTATOES	CONTROL: Colorado potato beetle	1½ to 4	1½ to 4	Use minimum recommended rates for low to moderate infestations. For severe infestations, use higher rates. Apply specified dosage per acre in sufficient water for complete coverage (normally 60 to 150 gallons per acre by ground; 5 gallons per acre by air). Apply in a seasonal program as required, but do not apply more than 53½ pints per acre per season. Do not forage or feed potato vine to livestock. Do not use on sweet potatoes. Do not tank mix this product with disulfoton.
	European corn borer	2½	2½	
	SUPPRESSION: Buckthorn aphid, Green peach aphid, Potato aphid, Potato leafhopper, Potato tuberworm	1½ to 4	1½ to 4	

ORNAMENTALS: This product is not for use in greenhouses.

CROP	PEST	DILUTE PTS/ 100 GAL.	CONC. PTS/ACRE	SPECIAL INSTRUCTIONS
ARBORVITAE	Spruce spider mite	1½ to 2½	—	Use minimum recommended rates for low to moderate infestations. For severe infestations, use higher rates. Apply specified dosage in sufficient water spray to wet. Apply when pest is present and repeat as necessary.
ROSES	Rose aphid	1½ to 2½	—	Use minimum recommended rates for low to moderate infestations. For severe infestations, use higher rates. Apply specified dosage in sufficient water spray to wet. Apply when pest is present and repeat as necessary. Slight injury to the leaves may occur after the use of Zolone EC.

BEST AVAILABLE COPY

CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILITY

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 directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of Rhone-Poulenc or the seller. Buyer assumes all risks of use, storage, or handling of this material, not in strict accordance with directions given herewith. In no case shall Rhone-Poulenc or the seller be liable for consequential, special, or indirect damages such as loss of profits or values resulting from the use or handling of this product.