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Pm 12
8590-439

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ADVERTISING AND SALES PROMOTION SERVICES

FOR: AGWAY DUAL GARDEN ORCHARD SPRAY

DATE: 6/16/86

((FRONT PANEL))

NET CONTENTS
1#, 3#, 25#

AGWAY^R

DUAL GARDEN ORCHARD SPRAY

Multi-Purpose Spray For the Control of Many Fruit
and Vegetable Insects and Diseases

Contains Premium Grade Malathion

ACTIVE INGREDIENTS:

Captan (N-trichloromethylthio-4-	
cyclohexene-1,2-dicarboximide)	14.2%
Related Compounds	0.8%
Malathion (0,0-Dimethyl dithio-	
phosphate of diethyl mercaptosuc-	
cinat)	7.5%
Methoxychlor, Technical *	15.0%

INERT INGREDIENTS:

62.5%
<hr/> 100.0%

*Equivalent to 13.2% 2,2-bis(p-methoxyphenyl)
-1,1,1-trichloroethane and 1.8% of other isomers
and related compounds.

KEEP OUT OF REACH OF CHILDREN (12 pt.)

DANGER (18 pt)

Causes irreversible eye damage.

See side panel for additional precautionary statements.

AGWAY INC.
P.O. BOX 4741
SYRACUSE, NEW YORK 13221

EPA Reg. No. 8590-439 EPA Est. No. 8590-PA-1

ACCEPTED
SEP 12 1986
Under the Federal Insecticide, Fungicide, and Plant Growth Regulator Act, as amended, for the purpose of registration under EPA Reg. No. 8590-439

*Amendments
inclusion
rel*

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((REAR PANEL))

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ THESE ENTIRE DIRECTIONS FOR USE AND DISCLAIMER. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

STORAGE & DISPOSAL (12 pt)

Store unused product in original container only preferably in locked storage area out of reach of children and animals. Store in cool, dry area and protect from excess heat.

Do not reuse empty container. Wrap container and put in trash collections.

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

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated, dispose of in the same manner.

Rate of Application: Agway Dual Garden Orchard Spray is a wettable powder formulation and must be mixed with water before use. Use 1 lb. per 12½ gallons of water, or 5½ level tablespoonfuls per gallon. For apples, pears, plums & prunes use 1# per 14 gallons of water or 5 level tablespoons per gallon. Agitate the mixture frequently during use to keep the materials in suspension. Spray plants thoroughly, covering both upper and lower leaf surfaces of foliage. For fruits spray entire tree until it is dripping wet. For medium size trees (6 to 8 ft. high) apply 2 to 3 gallons of diluted spray per tree.

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Large trees may require 6 gallons or more. Do not store diluted spray. Make new dilution for each use. See attached chart for further information on pests controlled.

APPLES AND PEARS: Spray when new spring growth appears and repeat at 7 day intervals up to bloom. After petal fall, repeat at 10 day intervals. Do not use on D'anjou pears. Russetting may be produced on Bosc pears. Do not apply to apples and pears within 7 days of harvest.

CHERRIES: Apply at pink petal fall, two weeks after petal fall and again 2 weeks before harvest. Do not apply to cherries within 7 days of harvest.

ORNAMENTAL: (ORNAMENTAL FRUIT - annual and perennial flowers and deciduous and evergreen trees and shrubs). Begin applications when pests first appear or conditions favor their development and repeat at weekly intervals or as necessary to maintain control.

PEACHES: Make first application at pink bud stage. Apply from 5 to 7 sprays at 10 day intervals. PEACH TREE BORER - 1/2 lb. in 1 gal. water spraying or painting trunks of trees from crotch to ground about the first of July, August

SHEET NO.

PICA 50 CHARACTER
ELITE 60 CHARACTER

SHEET NO. 3 - 6

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and September. Do not apply to peaches within 21 days of harvest. Where disease control is of primary importance, use a suitable fungicide alone closer to harvest.

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PLUMS AND PRUNES: Make one application just before blossoms open. After petal fall, repeat at 10 day intervals. Apply from 5 to 7 sprays. Do not apply to plums and prunes within 7 days of harvest.

PICA - CHARACTER
ELITE - CHARACTER

STRAWBERRIES, GRAPES: Make first application at first sign of new leaf growth, then at 10-14 day intervals. Do not apply to strawberries within 3 days of harvest and remove residues at harvest by washing. Do not apply to grapes within 14 days of harvest.

USE ON VEGETABLES: Use 1# per 12½ gallons of water, or 5½ level tablespoonfuls per gallon. Agitate the mixture frequently during use to keep the material in suspension. Spray plants thoroughly, covering both upper and lower leaf surfaces of foliage.

For use on potatoes and tomatoes use 1# per 7 gallons of water or 10 level tablespoonfuls per gallon of water.

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Refer to the accompanying chart for control of specific insects and diseases listed for the various vegetable crops. Applications should be made as soon as insects appear and repeated at 7-10 day intervals as needed. Prevention of disease involves spraying at regular intervals (7-10 days) from the time plants are up or are set out to within the specified days of harvest (7 days for beans, eggplant, cucurbits, peppers, tomatoes, potatoes and 14 days for beets and lettuce).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER
CAUTION: Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin & clothing. Remove & separately launder clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled, remove victim to fresh air. Apply artificial respiration, if indicated.

If on skin, remove contaminated clothing and wash affected areas with soap and water.

If in eyes, flush with plenty of water. See a physician if irritation persists.

Wear Natural or synthetic rubber, vinyl or plastic gloves impermeable to Captan when using indoors or outdoors. When using outdoors wear long pants & long sleeved shirt and apply with the wind to your back. Wash Nondisposable gloves thoroughly with soap & water before removing. Clothing worn while handling this product must be laundered separately from other clothing before reusing.

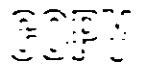
ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Drift & runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

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This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Food utensils such as teaspoons or tablespoons should not be used for food purposes after use in measuring pesticides.

DISCLAIMER: Buyer assumes all risks of use, storage or handling not in strict accordance with directions given herewith.

NOTE: This pesticide is to be sold ONLY in this original, unbroken package.

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FRUIT & ORNAMENTAL CONTROL CHART

Disease	Apples	Cherries	Grapes	Orna-mentals	Peaches	Pears	Plums, Prunes	Straw-berries
Bitter Rot	X							
Black Rot -(fruit & leaf spots)	X	X	X					
Black Spot				X				
Botrytis Rot								X
Botryosphaeria	X							
Black Pox	X							
Brooks Fruit Spot	X							
Brown Rot		X			X		X	
Dead Arm			X					
Flower Blight (roses, carnation, chrysan.)				X				
Fly Speck	X							
(Leafspot (cherry, strawberry and carnations))		X		X				X
Scab	X				X	X		
Insect								
Aphids (wooly apple, green apple & rosey apple)	X	X	X	X	X	X	X	X
Apple Maggot	X							
Bagworms				X				
Cankerworm	X		X		X	X	X	
Codling Moth	X				X	X		
Curculio (Plum)	X	X			X		X	
Flea Beetle	X		X	X	X	X	X	X
Grape Berry Moth			X					
(Japanese Beetle (adults))	X		X	X	X	X	X	X
Leafhopper	X	X	X	X	X	X	X	
Mealybugs	X		X	X		X		
Mites				X				
Oriental Fruit Moth	X				X	X	X	
Peach Tree Borer					X		X	
Peach Twig Borer					X		X	
Pear Psylla						X		
Pear Slug		X				X		
Red-banded Leafroller	X		X	X	X	X	X	X
Red Spider Mites	X	X	X		X	X	X	X
Rose Chafer			X	X				
Spittlebug								X
Strawberry Leaf Beetle								X
Strawberry Leaf Roller								X
Strawberry Weevil								X
Tarnished Plant bug	X			X	X	X	X	X
Tent Caterpillar	X			X	X	X	X	
Thrips	X	X		X	X	X	X	X
Scales (Forbes, San Jose, and Putnam)	X	X		X	X	X	X	

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Revision

FOR: Dual Garden Orchard Spray

DATE: 11/15/84

VEGETABLE CONTROL CHART

PLA - 50 CHARACTER
ELITE - 60 CHARACTER

	Beans	Beets	Cucurbits (cucumber squash, & melon)	Eggplant	Lettuce	Peppers	Potatoes	Radish	Tomatoes
Angular leaf spot			X						
Anthracnose	X		X	X		X			X
Aphids			X		X		X	X	
Bean leaf beetle	X								
Cercospora		X							
Colorado potato beetle							X		
Corn earworm (tomato fruitworm)	X								X
Early blight							X		X
Flea beetles			X	X			X	X	
Imported cabbage worm									
Japanese beetle	X								
Late blight							X		X
Leaf hoppers	X		X	X	X		X		
Mexican bean beetle	X								
Pepper maggot**						**			
Septoria									X
Squash vine borer			X						
Tomato horn worm									X

** For pepper maggot control rate should be increased to 10 level tablespoons per gallon.

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