

PM 19 6218-71 P9 1711

JUN 11 1996

Mr. Jonathan S. Cohen
Summit Chemical Co.
7657 Canton Center Drive
Baltimore, Maryland 21224-2079

Subject: Revised Labeling (Addition of Crops/Sites)
Summit Horticultural Spray Oil
EPA Registration Number 6218-71
Your Amendment Application Dated March 7, 1996

Dear Mr. Cohen:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

DHE
Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

2/11

SUMMIT
HORTICULTURAL
SPRAY OIL
A YEAR ROUND
Superior Horticultural
Spray Oil For Insect and Mite
Pest Management

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Booklet for Additional Precautionary Statements

EPA Registration No. 6218-71

EPA Est. No. 6218-MD-2

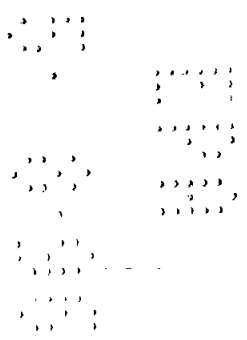
SUMMIT CHEMICAL CO.
7657 Canton Center Drive
Baltimore, MD 21224-2079

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN 11 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

6218-71



SUMMIT
HORTICULTURAL
SPRAY OIL

ACTIVE INGREDIENT

Paraffinic Oil*98.8%

INERT INGREDIENT

Emulsifier.....1.2%

*Unulfonated Residue of Paraffinic Oil 92.0% Min.

KEEP OUT OF REACH OF CHILDREN
CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Avoid contact with eyes, skin and clothing. Additional precautionary statements are contained in this booklet. Harmful if swallowed. Avoid breathing of spray mists or vapors. Wash hands after using. Avoid contamination of feed or foodstuffs.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting. Call a physician immediately.

If on skin: Wash with soap and water.

If in eyes: Flush with water.

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration. Get medical attention

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

STORAGE AND DISPOSAL

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

Storage: Keep container tightly closed in storage to prevent entry of water or other contaminants. Store in a cool, dry, locked area out of the reach of children. Do not store this product in direct sunlight for prolonged periods of time. This product should be stored in its original container only.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse container. Rinse thoroughly before discarding in trash.

EPA Reg. No. 6218-71

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EPA Est. No. 6218 MD-2

USE PRECAUTIONS

Do not spray plants suffering from drought (moisture stress). Do not apply during periods of prolonged high temperature combined with high relative humidity. Do not use this insecticide with dimetholate, herbicides or fungicides such as Captan, Folpet, Dyrene, Karathene, Morestan or any product containing sulfur. Do not use with Sevin 50W formulation (carbaryl) on deciduous fruit trees. Keep spray equipment used for these other products separate from the equipment used for this insecticide or make sure the sprayer is thoroughly cleaned so that no residue from these other products remain.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with it's labeling. Do not apply this product through any type of irrigation system.

MIXING DIRECTIONS

Make sure the spray equipment to be used is clean, dry and odorfree.

1. Fill the spray tank or bottle 3/4 full with water.
2. Shake the container of HORTICULTURAL SPRAY OIL vigorously prior to measuring out the desired amount. Add the appropriate amount of the insecticide to the water and shake.
3. Fill the remaining 1/4 of the spray tank or bottle with water and shake again. The solution should look milky. If it doesn't, do not use it.
4. During application shake the solution frequently. Do not apply to plants if the solution has been sitting for more than 10 minutes without shaking it before resuming application.
- 5 Do not premix this insecticide to water. Mix just enough for the immediate use.
6. 2 tablespoons = 1 fluid ounce.
4 tablespoons = 1/4 cup = 2 fluid ounces.

APPLICATION INSTRUCTIONS

- * The best times to spray are early evening and early morning.
- * The target pest and plant should be completely covered with the spray solution to be effective.
- * Do not exceed the maximum rates or apply more often than recommended.
- * Certain plants may be sensitive to oil. A small number of plants should be test sprayed prior to general spraying.
- * Use caution on open blooms - bleaching and spotting have observed on the open bloom of certain plants.
- * May be used up to day of harvest.

Note: THIS PESTICIDE IS TO BE SOLD ONLY IN THIS ORIGINAL UNBROKEN CONTAINER.

LIMITED WARRANTY AND LIABILITY

This product conforms to the description and is suitable for the uses set forth on this label but is strictly limited to these uses solely as directed under the specified label condition, and only if purchased in the original unopened container. Seller disclaims any and all other warranties, express or implied, including but not limited to those relating to merchantability and fitness for particular purpose. Buyer and all users shall assume all risk, liability and damage if this product is used, stored, handled or applied other than as specifically set forth on this label. Seller's liability and buyer's or user's remedies shall be limited to refund of the purchase price or replacement of the specific quantity involved. In no event shall seller be liable for special, incidental or consequential damages.

TABLE 1A FRUIT TREES

CROPS	PEST	APPLICATION RATE Tablespoons per gallon of Water	TIME OF APPLICATION (Stage of Development)
Apples	Aphids (eggs) Apple Red Bug Apple Red Bug	5.0-7.5	Dormant or Delayed Dormant to 1/2" Green
	Mites (eggs) including European Red mite Scales (hard, soft) Sourly Scale* Fruit Tree Leaf Roller (eggs)*		
	Mites	2.5	Summer (foliar or cover) or Postharvest. Do not apply over fruit after waxy bloom forms.
Pears	European Red Mite (eggs) Pear Leaf Blister Mite (eggs)* Pear Psylla Scales Fruit tree Leaf Roller (eggs)*	5.0-7.5	Dormant or Delayed Dormant (up to and including petal fall.
	Two-spotted Spider Mite Brown Mite Pear Rust Mite Pear Leaf Blister Mite* Pear Psylla*	2.5-5.0	Summer (foliar or cover) or Postharvest

TABLE 1B FRUIT & NUT TREES

CROP	PEST	APPLICATION RATE Tablespoons per Gallon of Water	TIME OF APPLICATION (STAGE OF DEVELOPMENT)
Almonds Apricots Cherries	Aphids (eggs) Fruit Tree Leaf Roller (eggs) Tent Caterpillars San Jose Scale	5.0-7.5	Dormant or delayed Dormant
	Mites and Scales	2.5-4.0	Summer (foliar or cover) or Postharvest -Application should not be made on oil sensitive varieties -Do not apply to trees lacking adequate moisture.

*Use maximum rate specified

TABLE 1B FRUIT & NUT TREES (Cont.)

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CROP	PEST	APPLICATION RATE Tablespoons per gallon of water	TIME OF APPLICATION (STAGE OF DEVELOPMENT)
Peaches Nectarines	Aphids (eggs)*	5.0-7.5	Dormant or Delayed
	 Fruit tree Leaf Roller (eggs) Mites (eggs) Peach Twig Borer (hibemacules) Cottony Peach Scale San José Scale		Dormant.
	Mites Scales (immature)	2.5-5.0	Summer (foliar or cover) or Postharvest
) Plum Prune	Aphids (eggs) Scales Mites (eggs)	4.0-5.0	Dormant or Delayed Dormant to 1/2" green Tip
	Mites Scales	2.5-4.0	Summer (foliar or cover) or Postharvest Do not apply over certain fresh market fruits after bloom starts to form as the oil spray will remove the waxey bloom. Application should should not be made over oil sensitive varieties.
) Pecans	Aphids (eggs) Scales Mites (eggs)	7.5	Dormant
	Aphids Mites	2.5-4.0	Summer (foliar or cover) or Postharvest

*Use maximum rate specified

TABLE 1C CITRUS TREES

CROP	PEST	APPLICATION RATE Tablespoons per Gallon of Water	COMMENTS
Lemon and Grapefruit	Mites Scales including California Red Scale Scale	2.5-4.0	For best results, spray during Fall, early Winter and Spring months when Red Scale are more easily controlled and trees are generally less reactive to oil. For all citrus oil sprays, ensure adequate moisture; leaves should not wilt before noon.
Naval and Valencia Oranges, Other Citrus Varieties including Non-bearing	Mites including Rust Mite Spider Mite Scales including Black Scale California Red Scale Whitefly and Blackfly Sooty Mold	2.5-4.0	Oils applied after Oct. may increase cold damage to trees. Oils applied in Aug. and Sept. may affect solids content and retard coloring.

TABLE 3
SMALL FRUITS

CROP	PEST	APPLICATION RATE Tablespoons per Gallon of Water	TIME OF APPLICATION
Blueberries	Mites	7.5	Dormant
	Sawfly (eggs) Scales	5.0	Summer
Strawberries	Aphids Mites	2.5	Dormant and Summer
Grapes	Mealybugs	2.5-5.0	Dormant - a tank mix with an insecticide improves control.

TABLE 4
VEGETABLES

CROP	PEST	APPLICATION RATE Tablespoons per Gallon of Water	TIME OF APPLICA
Beans	Aphids	2.5-5.0	As needed
Corn	Mites		
Peppers	Beetle Larvae		
Squash	Leafminers		
Tomatoes	Leafminers		
Asparagus	Leafminers		
Beets	Thrip		
Cabbage	Leafhopper		
Cauliflower	Whitefly		
Cucurbits			
Eggplant			
Lettuce			
Melons			
Potatoes			
Radishes			

INTERIORSCAPES*

PLANT	PEST	APPLICATION RATE Tablespoon per Gallon of Water	COMMENTS
Chrysanthemum	Aphida	2.5-5.0	Do not apply to plants in direct sunlight behind glass.
Dieffenbachia	Leafminers		
Dracaena	Mealybugs		
Fern	Scales		
Ficus	Spider Mite		
Gardenia	Whitefly*		
Jade Plant			
Palm			
Philodendron		Do not use on Coconut Palms and Maidenhair Ferns.	
Scheffera			
			Chrysanthemum blooms have shown phytotoxic symptoms at the higher rate.

*Most effective on Whitefly during immature stages

Applicator should conduct a test for phytotoxicity by treating a few specimens before making a large scale application

Protect floor, floor coverings and furnishings from overspray.

Caution: Do not exceed 3 consecutive applications without allowing a 2-week application interval.

MISCELLANEOUS:

Figs: Dormant or delayed dormant Fig Scale - Use 7.5 tbls. in 1 gal. water as a foliar spray. Mites, Mealybug, Scale - Use 5 tbls. per 1 gal. water.

Olives: Postbloom through August and postharvest: Scales - Use 4.0 tbls. of spray oil per 1 gal. water.

Banana: Use as needed to control Yellow Sigatoka Disease - Use 2.5-4.0 tbls. of spray in 1 gal. water. This application is also effective in loosening sooty mold fungus and in preventing its formation by the control of Aphids, Mealybugs, Scales and Whitefly.