

MAR - 7 1994

Stoller Enterprises, Incorporated
c/o Ms. Linda C. Watson
Pesticide Regulatory Services
3703 Sedgfield Drive
Valdosta, Georgia 31602

Subject: Revised Labeling--Addition of Sites
Golden Citrus Natur'l Spray Oil
EPA Registration Number 57538-11
Your Amendment Application Dated March 7, 1994

Dear Ms. Watson:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7), 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, Edwards, Jr.

DHE

Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

2713

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Avoid contact with skin and eyes. In case of skin contact, remove with washing; for eyes, wash with copious amounts of water and get immediate medical attention.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams or ponds. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply where weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place. Consult Federal, State or Local Disposal Authorities for approved alternative procedures such as limited open burning.

USE PRECAUTIONS

Keep oil container tightly closed in storage to prevent entry of water. Spray only when temperature is above 40°F and there is no danger of freezing. Avoid spraying when temperatures are excessively high and avoid spraying when plants are suffering from lack of moisture. Sensitive foliage may be injured.

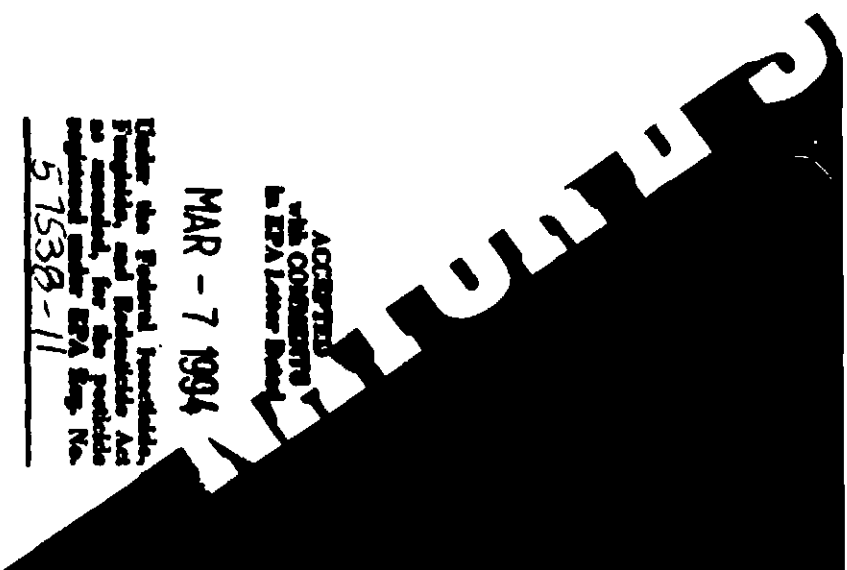
ON CITRUS: Do not apply when trees are in or near wilting. Oil applied after October 1 may increase cold damage to trees. Observe all cautions and limitations on labels of all products used in mixtures. Do not use Golden Natural Spray Oil in combination with or immediately preceding or following application of Dinitro compounds, sulfurs, Captan, Folpet, Dyrene, Karathane, Morestan, or Sevin. Check tank mixtures for chemical and physical compatibility.

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified. No one, other than the officer of Seller, is authorized to make any warranty, guarantee or direction concerning this product. 2. Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's Liability from handling, storage and use of this product is limited to replacement of product or refund of purchase price.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 57538-11

MAR - 7 1994

ACCEPTED FOR REGISTRATION WITH THE U.S. ENVIRONMENTAL PROTECTION AGENCY



ACTIVE INGREDIENT:	
Soybean Oil	93%
INERT INGREDIENTS:	
	7%
Total	100%
Net Volume: 5 Gallons	
Net Weight: 7.7 Pounds Per Gallon	

EPA Establishment No. 57538-TX-2, 57538-CA-1, 57538-FL-1.

Superscript corresponds to first letters of lot number on pack.

BEST AVAILABLE COPY

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 57538-11

MAR - 7 1994

ACCEPTED
with COMMENTS
by EPA Label Panel

STOLLER ENTERPRISES, INC.



**STOLLER
ENTERPRISES, INC.**

Manufactured for
Stoller Enterprises, Inc. • 8582 Katy Freeway
Houston, Texas 77024 • 713/464-5580

ACTIVE INGREDIENT:	
Soybean Oil	93%
INERT INGREDIENTS:	
	7%
Total	100%
Net Volume: 5 Gallons	
Net Weight: 7.7 Pounds Per Gallon	

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT:

If swallowed, induce vomiting.
If on skin, remove by washing.
If in eyes, wash with large amounts of water and get medical attention.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Establishment No. 57538-TX-2, 57538-CA-1, 57538-FL-1.

Superscript corresponds to first letters of lot number on pail.

EPA Reg. No. 57538-11

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It is a violat
sistent with
Golden Na
at post blo

Crop

Citrus

Per acre dil

Tree height

18' & larger
14' to 16'

10' to 12'

Less than 1

GYPSY MOTH
gypsy moth e
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ASPARAGUS	APHIDS
BEANS	MITES
BEETS	BEETLE LARVAE
CABBAGE	LEAFMINNERS
CAULIFLOWER	CERTAIN CATER-
CELERY	PILLARS
CORN	PSYLLIDS
CUCURBITS	WHITEFLIES
EGGPLANT	LEAFROLLERS
LETTUCE	ARMORED AND
MELON	SOFT SCALES
PEAS	MEALY BUGS
POTATOES	WEBWORMS
PEPPERS	CANKERWORMS
SOYBEANS	PLANT BUGS
SQUASH	LEAFHOPPERS
TOMATOES	ALDELGIDS
	THRIPS

1.2

SUMMER

GREENHOUSE
CROP OR
PLANT

TABLESPOONS OF SPRAY OIL
PER 1 GALLON OF WATER

INSECTS
CONTROLLED

AZALEAS	2.5 - 5.0
BEGONIAS	2.5 - 5.0
CAMELLIAS	2.5 - 5.0
CHRYSANTHEMUM	2.5 - 5.0
CROWN OF THORN	2.5 - 5.0
DIEFFENBACHIA	2.5
FERNS	2.5 - 5.0
GARDENIAS	2.5 - 5.0
GERANIUM	2.5 - 5.0
JADE PLANT	2.5 - 5.0
PALMS	2.5 - 5.0
PHILODENDRON	2.5 - 5.0
POINSETTIAS	2.5 TEST FIRST
PORTULACA	2.5 - 5.0
ZENNIAS	2.5 - 5.0
LIMA BEANS	2.5 - 5.0
PEPPERS	2.5 - 5.0
RADISHES	2.5 - 5.0
LEAF POLISH FOR HARDY HOUSE PLANTS	2.5

APHIDS
FUNGUS GNAT
LACE BUG
LEAFMINERS
MEALYBUGS
SCALE INSECTS
SPIDER MITES
WHITEFLIES
WHITEFLY LARVAE

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FREQUENCY OF APPLICATION: For the greenhouse pests listed; once a week initially then as the pest is controlled, decrease the frequency. Although no problems with phytotoxicity have been seen at recommended rates, we recommend that the applicator conduct a phytotoxicity test on 1 or 2 of the specific plants to be treated.

Application safety during the bloom period should be determined for each individual species of plant by conducting a small test. No phytotoxic effects have been seen with poinsettia bracts at the recommended rate. Both chrysanthemum and geranium blooms have shown phytotoxic symptoms. Do not use on Coco Palms or Maidenhair ferns.

CROPS	INSECTS CONTROLLED	DILUTION RATE: % OR GALLONS OF SPRAY OIL PER 100 GALLONS OF WATER	TIME OF APPLICATION
SHADE TREES AND SHRUBS	Aphids		
	Adelgids		
	Certain		
	Caterpillars		
	Gall Mites		
	Lace Bugs		
	Leaf Beetle		
	Larvae		
	Mealybugs	2-3	Summer
	Plant Bugs		
	(Immature)		
	Psyllids	3	Dormant
	(Immature)		
Sawfly Larvae			
Scales			
(Immature)			
Spider Mites			
Whiteflies			
(Immature)			
FLOWER & FOLIAGE PLANTS	Aphids		
	Certain		
	Caterpillars		
	Mealybugs	2	
	Scales		
	(Immature)		
	Spider Mites		
	Whiteflies		
(Immature)			

SHADE TREE AND ORNAMENTAL PLANT RESTRICTIONS

Oil removes the glaucous (blue) bloom from such evergreens as Colorado blue spruce and Koster spruce. Spray no more than 4 times during the growing season; 2 week minimum application interval. Do not spray to walnut foliage. Use a lower concentration on oil sensitive plants such as Chamaecyparis, Cryptomeria, Japanese Holly, Red Cedar and Smoke Tree.

CROPS	INSECTS CONTROLLED	DILUTION RATE: % OR GALLONS OF SPRAY OIL PER 100 GALLONS OF WATER	TIME OF APPLICATION
APPLES	Apple Red Bug	2	Dormant
	European Fruit Lecanium Scale	2	Dormant
	Fruit Tree Leaf Roller	3	Dormant
	European Red Mite	2	Green Tip To Delayed Dormant 1/2" Green
	San Jose Scale	2	Delayed Dormant to 1/2" Green
	Scurfy Scale	3	Delayed Dormant to 1/2" Green
PEARS	Fruit Tree Leaf Roller	3	Dormant
	Pear Leaf Blister Mite	3	Dormant
	Pear Psyllia	2	Late Dormant
PECANS	Obscure	3	Dormant
PEACHES	Cottony Peach Scale	3	Dormant
PLUMS PRUNES & APRICOTS	European Red Mite	2	Dormant to Delayed Dormant
	European Fruit Lecanium Scale	2	1/2" Green
NECTARINES	San Jose Scale	2	Dormant
CHERRIES (Sweet & Tart)	San Jose Scale	2	Dormant
SWEET CORN FIELD CORN	Ear Worms	2	Summer
	Fall Army Worm		Spring-early
	Corn Root Worm		Spring-early
SUGAR BEETS	Mites Leaf Miner	2 gal/acre	As Needed
BLUEBERRIES	Scales	3	Dormant
	Mites	2	Summer
GRAPES	Mealybugs	1 gal/acre	Dormant

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CROPS	INSECTS CONTROLLED	DILUTION RATE: % OR GALLONS OF SPRAY OIL PER 100 GALLONS OF WATER	TIME OF APPLICATION
FIGS	Scale (severe)	3 gal/acre or 2	Dormant/Delayed Dormant Dormant/Delayed Dormant
OLIVES	Scales	1.5	Prebloom or Postbloom to buckshot
ALMONDS	Aphid Eggs Scales Spider Mites	1 1 - 1.5	Summer Dormant

ADDITIONAL CROPS

ALFALFA: (Seed crop only): Spider Mites: Use 1 qt. per acre in 20 to 30 gals. of water.

COTTON: Mix one part concentrate to 50 parts water, or 2.5 fl. oz. per gallon. To control aphids, whitefly and spider mites, spray when insects appear. Repeat at weekly intervals as needed.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

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ENVIRONMENTAL HAZARDS

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ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR - 7 1994

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

57538-11



ACTIVE INGREDIENT:	
Soybean Oil	93%
INERT INGREDIENTS:	
Total	100%
Net Volume: 5 Gallons	
Net Weight: 7.7 Pounds Per Gallon	

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EPA Establishment No 57538-TX-2, 57538 CA-1, 57538-FL-1.

Superscript corresponds to first letters of lot number on pack

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HEAVY DUTY OIL



STOLLER ENTERPRISES, INC.
 Manufactured for:
 Stoller Enterprises, Inc. • 8582 Katy Freeway
 Houston, Texas 77024 • 713 / 464 - 5580

93%
 7%
 100%

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

STATEMENT OF PRACTICAL TREATMENT:
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DIRECTIONS FOR USE

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

Golden Natur'l Spray Oil is recommended for application to citrus at post bloom, summer, or fall spray application.

Crop	Insect	Gallons of oil concentrate to use for each 500 gal of dilute spray		
		If % oil in stock is	and the % oil desired in tank is	
Citrus	Texas Citrus Mite	93%	0.5%	1.0%
	Citrus Rust Mite		2.75/g	5.5/g
	Citrus Red Mite			
	Loosening Sooty Mite			

Per acre dilute gallonage requirements and per acre pesticide rates

Tree height	Example	Recommended	Recommended	
		Gals. of dilute spray per acre	Gal./Acre	of Golden Natur'l Spray Oil per acre at
				0.5% 1.0%
18' & larger	lg. grpfruit	1500	8.25	16.5
14' to 16'	lg. orange	1000	5.5	11.0
10' to 12'	med. grpfruit	750	4.125	8.25
	med. orange			
Less than 10'	sm. grpfruit	500	2.75	5.5
	sm. orange			

GYPSY MOTH: Golden Natur'l Spray Oil is recommended for application to gypsy moth egg masses to prevent hatch of eggs. Treat egg masses that have been deposited on trees, ground litter, outdoor household articles, recreational vehicles, firewood, nursery stock, rocks, ships, boats and other forms of transportation, or on other articles moved in interstate commerce.

With use of a small hand sprayer, treat individual egg masses until they are completely saturated with the spray solution. Keep the mix agitated while treating. Do not apply with mist blower, hydraulic sprayer or aircraft. It is important that the egg mass is saturated with spray. Following treatment, egg masses can be left in place or removed and incinerated.

MIXING DIRECTIONS

1. Add sufficient water to the mixing tank to allow proper agitation by pump or paddles.
2. Add other desired pesticides as listed, mixing thoroughly prior to the addition of oil.
3. Add oil under agitation when ¾ full topping off with water to form milky solution.
4. Maintain agitation until solution is used.
5. In small equipment lacking agitation — stir or shake diluted spray frequently during application.

TIMING THE TREATMENT: See table on this label for general use. Consult your State Agricultural Experiment Station or State Extension Service Specialists to determine timing of application to fit local growing and climatic conditions. **DO NOT EXCEED MAXIMUM RATES OR APPLY LATER THAN RECOMMENDED.**

GYPSY MOTH: Mix equal amounts of Golden Natur'l Spray Oil and water and apply to egg masses as a 50 percent mix. Make a new mix each day treatments are made.

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AMENDMENT
Golden Natur'l Spray Oil
EPA Reg. 57538-11

VEGETABLES	INSECTS CONTROLLED	DILUTION RATE: % OR GALLONS OF SPRAY OIL PER 100 GALLONS OF WATER	TIME OF APPLICATION
ASPARAGUS	APHIDS		
BEANS	MITES		
BEETS	BEEBLE LARVAE		
CABBAGE	LEAFMINNERS		
CAULIFLOWER	CERTAIN CATER-		
CELERY	PILLARS		
CORN	PSYLLIDS	1.2	SUMMER
CUCURBITS	WHITEFLIES		
EGGPLANT	LEAFROLLERS		
LETTUCE	ARMORED AND		
MELON	SOFT SCALES		
PEAS	MEALY BUGS		
POTATOES	WEBWORMS		
PEPPERS	CANKERWORMS		
SOYBEANS	PLANT BUGS		
SQUASH	LEAFHOPPERS		
TOMATOES	ALDELGIDS		
	THRIPS		

GREENHOUSE CROP OR PLANT	TABLESPOONS OF SPRAY OIL PER 1 GALLON OF WATER	INSECTS CONTROLLED
AZALEAS	2.5 - 5.0	
BEGONIAS	2.5 - 5.0	
CAMELLIAS	2.5 - 5.0	
CHRYSANTHEMUM	2.5 - 5.0	
CROWN OF THORN	2.5 - 5.0	
DIEFFENBACHIA	2.5	APHIDS
FERNS	2.5 - 5.0	FUNGUS GNAT
GARDENIAS	2.5 - 5.0	LACE BUG
GERANIUM	2.5 - 5.0	LEAFMINERS
JADE PLANT	2.5 - 5.0	MEALYBUGS
PALMS	2.5 - 5.0	SCALE INSECTS
PHILODENDRON	2.5 - 5.0	SPIDER MITES
POINSETTIAS	2.5 TEST FIRST	WHITEFLIES
PORTULACA	2.5 - 5.0	WHITEFLY LARVAE
ZENNIAS	2.5 - 5.0	
LIMA BEANS	2.5 - 5.0	
PEPPERS	2.5 - 5.0	
RADISHES	2.5 - 5.0	
LEAF POLISH FOR HARDY HOUSE PLANTS	2.5	

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	Adelgids			
	Certain			
	Caterpillars			
	Gall Mites			
	Lace Bugs			
	Leaf Beetle			
	Larvae			
	Mealybugs	2-3	Summer	
	Plant Bugs			
	(Immature)			
	Psyllids	3	Dormant	
		(Immature)		
		Sawfly Larvae		
		Scales		
	(Immature)			
	Spider Mites			
	Whiteflies			
	(Immature)			
FLOWER & FOLIAGE PLANTS	Aphids			
	Certain			
	Caterpillars			
	Mealybugs	2		
	Scales			
	(Immature)			
	Spider Mites			
	Whiteflies			
	(Immature)			

SHADE TREE AND ORNAMENTAL PLANT RESTRICTIONS

Oil removes the glaucous (blue) bloom from such evergreens as Colorado blue spruce and Koster spruce. Spray no more than 4 times during the growing season; 2 week minimum application interval. Do not spray to walnut foliage. Use a lower concentration on oil sensitive plants such as Chamaecyparis, Cryptomeria, Japanese Holly, Red Cedar and Smoke Tree.

12 9 13

CROPS	INSECTS CONTROLLED	DILUTION RATE: % OR GALLONS OF SPRAY OIL PER 100 GALLONS OF WATER	TIME OF APPLICATION
APPLES	Apple Red Bug	2	Dormant
	European Fruit Lecanium Scale	2	Dormant
	Fruit Tree Leaf Roller	3	Dormant
	European Red Mite	2	Green Tip To Delayed Dormant 1/2" Green
	San Jose Scale	2	Delayed Dormant to 1/2" Green
	Scurfy Scale	3	Delayed Dormant to 1/2" Green
PEARS	Fruit Tree Leaf Roller	3	Dormant
	Pear Leaf Blister Mite	3	Dormant
	Pear Psyllia	2	Late Dormant
PECANS	Obscure	3	Dormant
PEACHES	Cottony Peach Scale	3	Dormant
PLUMS	European Red Mite	2	Dormant to
PRUNES & APRICOTS	European Fruit Lecanium Scale	2	Delayed Dormant 1/2" Green
NECTARINES	San Jose Scale	2	Dormant
CHERRIES (Sweet & Tart)	San Jose Scale	2	Dormant
SWEET CORN	Ear Worms	2	Summer
FIELD CORN	Fall Army Worm Corn Root Worm		Spring-early Spring-early
SUGAR BEETS	Mites Leaf Miner	2 gal/acre	As Needed
BLUEBERRIES	Scales	3	Dormant
	Mites	2	Summer
GRAPES	Mealybugs	1 gal/acre	Dormant

CROPS	INSECTS CONTROLLED	DILUTION RATE: % OR GALLONS OF SPRAY OIL PER 100 GALLONS OF WATER	TIME OF APPLICATION
FIGS	Scale (severe)	3 gal/acre or 2	Dormant/Delayed Dormant Dormant/Delayed Dormant
OLIVES	Scales	1.5	Prebloom or Postbloom to buckshot
ALMONDS	Aphid Eggs	1	Summer
	Scales		
	Spider Mites	1 - 1.5	Dormant

ADDITIONAL CROPS

ALFALFA: (Seed crop only): Spider Mites: Use 1 qt. per acre in 20 to 30 gals. of water.

COTTON: Mix one part concentrate to 50 parts water, or 2.5 fl. oz. per gallon. To control aphids, whitefly and spider mites, spray when insects appear. Repeat at weekly intervals as needed.