

JUL 28 1995

Dr. John N. Simons
JMS Flower Farms, Incorporated
1105 25th Avenue
Vero Beach, Florida 32960

Subject: Labeling Amendment--Addition of
Mangos: Directions for Greenhouse Use
MS Stylet-Oil
EPA Registration Number 65564-1
Your Application Dated May 16, 1995

Dear Dr. Simons:

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

1 of 3

JUL 28 1995

Under the Florida Department of Agriculture and Consumer Services
 Registration Number: 55564-1



JMS Flower Farms, Inc.

JMS Stylet-Oil®

ACTIVE INGREDIENT:.....BY WEIGHT

ALIPHATIC PETROLEUM DISTILLATE.....97.14

INERT INGREDIENTS.....2.994

TOTAL.....100%

Unsulfonated Residue of The Oil.....99.14

Flash Point.....145°F

**KEEP OUT OF REACH OF CHILDREN
 CAUTION
 STATEMENT OF PRACTICAL TREATMENT**

IF SWALLOWED - Do not induce vomiting. Call a physician.
IF INHALED - Avoid breathing of vapors and spray mist.
IF ON SKIN - Wash immediately with soap and water
IF IN EYES - Wash immediately with copious amounts of water.

CONDITIONS OF SALE AND WARRANTY

JMS Flower Farms, Inc. warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label only when used in accordance with label directions under normal conditions of use. JMS Flower Farms, Inc. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Critical and unforeseeable factors beyond JMS Flower Farms, Inc. control prevent it from eliminating all risks in connection with the use of this product. Risks such as crop injury, insect resistance or other unintended consequences resulting from, but not limited to, weather conditions, presence of other materials, drift to other crops or property, the number of use or applications, or failure to follow label directions will be assumed by the Buyer or User. Handling, storage and use of the product by Buyer and User are beyond the control of JMS Flower Farms, Inc. In no case shall JMS Flower Farms, Inc. be held liable for consequential, special or indirect damages resulting from the use of this product. The limit of JMS Flower Farms, Inc. liability shall be the purchase price for the quantity involved.

JMS FLOWER FARMS, INC
 1105 25th Avenue,
 Vero Beach, FL 32960
 (407) 567-9241 • FAX (407) 567-9394
 EPA Registration No. - 65564-1

EPA Establishment No. - 14774-FL-07 55206-M1-001
 Superscript corresponds to last letter of lot number

55 GALLONS NET • U.S. STANDARD

**PRECAUTIONARY STATEMENTS
 HAZARDS TO HUMANS
 (AND DOMESTIC ANIMALS)
 CAUTION**

Harmful if swallowed. If swallowed, do not induce vomiting. Call a physician. Avoid breathing vapors and spray mist.

Personal Protective Equipment:
 Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for category I on an EPA chemical resistance category selection chart. Appurtenances and other handiwork must wear:
 Long-sleeved shirt and long pants;
 Chemical-resistant gloves, such as barrier laminate or nitrile rubber neoprene rubber or viton;
 Shoes plus socks.

For low absorption constructions for clothing containing PPE: If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS
 This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to sub-surface areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Apply this product only as specified on the label.

STORAGE AND DISPOSAL

STORAGE: Keep drum tightly closed in storage to prevent entry of water. Store drum upside. Roll drum before use if stored on its side.

DISPOSAL PROHIBITIONS: Do not contaminate water, food or feed by storage and disposal. Open dumping is prohibited. Pesticide Disposal: Waste resulting from the use of this product may be disposed of on site or at approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or purchase and dispose of in a safe manner or by other procedures approved by state and local authorities.
 General Consult Local, State or Local disposal authorities for approved alternative procedures.

METHOD OF APPLICATION

For insects/plant virus: Spray at no less than 400 psi pressure using ceramic spray nozzles (ALBUZ-ATR, 1/8" color or their equivalent). Do not apply this product through any type of irrigation system (chemigation). For fungicide use: Application system used for insect/plant virus is not required. However, maximum coverage and least potential for phytotoxicity results from use of this system. When using conventional application equipment, spray for coverage of upper leaf surface.

For greenhouse use: Apply recommended rate to a mist of the greenhouse pest. Spray at no less than 400 psi pressure using ceramic spray nozzles (ALBUZ-ATR, 1/8" color or their equivalent). Apply weekly or every two weeks depending on level of pest infestation. From 20-100 gallons of dilute spray emulsion per acre, depending on plant size. Spray to the point of runoff. Vary quantity of spray applied by changing the number of nozzles used, not by changing spray pressure or speed of sprayer.

APPLICATION RATE
 Use 25-150 gallons of diluted spray emulsion per acre depending on plant size. Thorough coverage is necessary. A tractor speed of 3.5-4 mph (6-7 mph) is recommended. Vary the quantity of spray applied by changing the number of nozzles used, not by changing either tractor speed or spray pressure.

TIMING OF APPLICATIONS

For use as an insecticide: Sprays should be initiated as soon as plants emerge. Plants should be sprayed weekly or twice weekly depending on level of infestation. Continue sprays through harvest.

For use as a fungicide: Spray weekly or twice every two weeks depending on the level of disease pressure.
 On Grapes: For powdery mildew - Make first application pre-bloom and continue sprays every ten days to three weeks depending on level of disease pressure. Use higher rate and shorter spray interval when disease conditions are severe. For Baytrixis Bunch Rot - Initiate sprays at bloom and repeat prior to bunch closing and cessation final application at harvest if needed. Use higher rate when disease conditions are severe.
 For use in mitigating aphid transmission of plant viruses: Initiate sprays when winged aphids first appear. Spray weekly or twice weekly depending on level of disease/vector pressure. For cucumbers, begin spraying when 50% of plants germinate. Cucumbers should be sprayed twice weekly during rapid growth phase.

COMPATIBILITY INFORMATION

All of the following formulations are the last ingredient. In all climates, conditions an adversely affect the persistence of color on a crop. Chlorophyll in tank mixes spray intervals have not been previously used, spray a small area with the recommended nozzle and spray pressure and wait several days. If sufficient time has not elapsed, phytotoxicity will normally occur in several days. Examples which are phytotoxic when used alone will be more phytotoxic when used in tank mix.

INERTS: JMS Stylet-Oil only. A phytotoxic chemical is provided for use on the specific crops as listed.

When using JMS Stylet-Oil in tank mixtures, observe all handling, precautions and rate recommendations on which appear on the label for those products. Inert ingredients include: copper ammonium acetate (CCNA), copper hydroxide (Kocide), ferrous sulfate (Ferti-Lon), methamidophos (Mikto), insectary (Bt), and malathion (Rylo).
 INERTS: and some JMS Stylet-Oil with sprayer nozzles or No. 100 P. Use at least ten days between most applications and spraying No. 100 P.

DO NOT tank mix JMS Stylet-Oil with highly mineral nutrient spray materials (Nutri Leaf 20-20-20, Nutri-Lon). These materials can be sprayed separately from JMS Stylet-Oil in compatible with water (up to 5 lb per 100 gal) and sprays with (MgSO₄) (1 lb per 100 gal).

DO NOT USE the following chemicals against foliage on site (Vernex), Folpet, cyfluthrin (Mikto), organo tin compounds (the Tels) or propargite (Thionex) during, with or following an oil spray.

DO NOT USE Abound (Bayer) or disulfoton (Cygon) in a spray program with JMS Stylet-Oil on the following crops: grapes, ornamentals and strawberries. Do not use disulfoton (Cygon) in a spray program with JMS Stylet-Oil on ornamentals and strawberries.

DO NOT USE the following chemicals with JMS Stylet-Oil unless at least two weeks have elapsed between the use of oil and the chemicals: chlorpyrifos (Dursban), diazinon (Diazinon), diazinon (Diazinon), diazinon (Diazinon), diazinon (Diazinon), diazinon (Diazinon), diazinon (Diazinon). Do not apply within 21 days. Do not apply oil for fourteen days following sulfur treatment.

ADDITIONAL INFORMATION
 Do not spray on wet foliage. Do not spray if rain is expected.

For a statement of liability for use of this product, do not apply this product in a way that will contact with the receiving application for any application.

ADDITIONAL INFORMATION
 Use this product only in accordance with its label directions. It contains ingredients for the protection of agricultural crops from pests. It contains ingredients for the protection of agricultural crops from pests. It contains ingredients for the protection of agricultural crops from pests. It contains ingredients for the protection of agricultural crops from pests.

FOR PLANT VIRUS USE:

Crop	Plant Viruses Controlled
Pepper	Potato virus Y, mottle virus
Tomato	Potato virus Y, mottle virus
Potato	Potato virus Y, mottle virus
Cucurbits	Papaya ringspot virus 2, cucumber yellow mosaic

FOR FUNGICIDE USE:

Crop	Plant Diseases Controlled
Beans	Rust
Cucurbits	Alternaria leaf blight, Powdery mildew, Powdery mildew
Mango	Powdery mildew
Onion	Black spot, Powdery mildew
Roses	Cercospora
Sugar beets	Powdery Mildew
Strawberries	Powdery Mildew
Grapes	Powdery Mildew

FOR INSECTS:

Crop	Insects Controlled
Asparagus	Leafminers, leafhoppers, mites
Beans	Leafminers, leafhoppers, mites
Beets	Leafminers, leafhoppers, mites
Cabbage	Whiteflies, leafhoppers, mites
Cauliflower	Whiteflies, leafhoppers, mites
Celery	Whiteflies, leafhoppers, mites
Cotton	Whiteflies, leafhoppers, mites
Cucumber	Whiteflies, leafhoppers, mites
Field Corn	Earworms, Fall Armyworms
Sweet Corn	Earworms, Fall Armyworms
Eggplant	Whiteflies, leafhoppers, mites
Grapes	Whiteflies, leafhoppers, mites
Lettuce	Whiteflies, leafhoppers, mites
Mango	Mites
Melons	Whiteflies, leafhoppers, mites
Peppers	Whiteflies, leafhoppers, mites
Potatoes	Whiteflies, leafhoppers, mites
Pumpkins	Whiteflies, leafhoppers, mites
Strawberries	Mites, leafminers
Sugarbeets	Mites, Leafminers
Squash	Whiteflies, leafhoppers, mites
Tobacco	Whiteflies, leafhoppers, mites
Tomatoes	Whiteflies, leafhoppers, mites

FOR ORNAMENTAL USE:

Crop	Insects Controlled
Chrysanthemum	Leafminer
Dianthus	Mealybug
Philodendron	Scale Insect
Poinsettia	Mites
Roses	Whiteflies

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
	Rust Mite	1-1.5	Summer Use
	Rust Mite	2	Delayed Dormant
	San Jose Scale	2	Delayed Dormant
	San Jose Scale	1-1.5	Summer Use
	Scurly Scale	3	Delayed Dormant
	Cherries	Fruit Tree Leaf Roller	3
Mites, Scale		3	Summer
Nectarines	Fruit Tree Leaf Roller	2.5	Green Tip
	Mites, Scale	3	Dormant
	Mites, Scale	1	Summer Use
Olives	Scale, Mites	1.5	Prebloom to Postbloom Buckshot
Pears	Fruit Tree Leaf Roller	3	Dormant
	Pear Leaf Blister Mite	3	Dormant
	Pear Psylla	2	Late Dormant
	Red Spider Mites	1	Summer Use
	San Jose & Italian Pear Scale (Summer forms)	1-1.5	Summer Use
	Pecans	Obscure Scale	3
Peaches	Cottony Peach Scale, Mites	3	Dormant
	Mites, Scale	1	Summer Use
Plums & Prunes	European Red Mite	2	Dormant to Delayed Dormant
	European Fruit Lecanium Scale	2	1/2" Green
	Mites, Scale	1	Summer Use
Walnuts	Scale, Mites	1-1.5	Delayed Dormant

Crop	Plant Diseases Controlled	Rate JMS Stylet-Oil® per 100 gal water	Time of Application (Stage of Development)
Apples	Powdery mildew	1-2.5	Apply at tight cluster and continue through second cover spray
Cherries	Powdery mildew	1-2.5	Apply at petal fall and continue through harvest. Repeat applications every 2-3 weeks as needed.
Pears	Powdery mildew	1-2.5	Apply at tight cluster and continue through second cover spray

PM 19

65564.-1

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 28 1995

Dr. John N. Simons
JMS Flower Farms, Incorporated
1105 25th Avenue
Vero Beach, Florida 32960

Subject: Labeling Amendment--Addition of
Mangos: Directions for Greenhouse Use
MS Stylet-Oil
EPA Registration Number 65564-1
Your Application Dated May 16, 1995

Dear Dr. Simons:

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,

A handwritten signature in cursive script that reads "Dennis H. Edwards, Jr.".

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

Enclosure

BEST COPY AVAILABLE

ACCEPTED with COMMENTS in EPA Letter Dated

CURRENT LABEL

JUL 28 1995

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

65564-1

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS) CAUTION

Harmful if swallowed. Do not induce vomiting. Call a physician. Avoid breathing vapors and spray mist.

Personal Protective Equipment:

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicator and other handlers must wear:

- Long-sleeved shirt and long pants;
Chemical-resistant gloves, such as barrier laminate or nitrile rubber impervious rubber or vinyl;
Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to incidental areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Apply this product only as specified on the label.

STORAGE AND DISPOSAL

STORAGE - Keep drum tightly closed in storage to prevent entry of water. Do not freeze. Store drum on side. Roll drum before use if closed drum is used.
DISPOSAL PROHIBITIONS - Do not contaminate water, land, or food by storage and disposal. Open dumping is prohibited. Pesticide Disposal: Waste resulting from the use of this product may be disposed of on site or at approved waste disposal facility.

METHOD OF APPLICATION

For insect/plant virus: Spray at no less than 400 psi pressure using ceramic spray nozzles (ALBUZ ATR, Mac color or their equivalents). Do not apply this product through any type of emission system (atomization).
For fungicide: Use Application system used for insect/plant virus is not required. However, maximum coverage and leaf penetration for phytotherapy results from use of this system. When using conventional application equipment, spray for coverage of upper leaf surface.

APPLICATION RATE

From 25-150 gallons of diluted spray emulsion per acre depending on plant size. Thorough coverage is necessary. A tractor speed of 3.5-4 mph (6-7 kph) is recommended. Vary the quantity of spray applied by changing the number of nozzles used, not by changing tractor speed or spray pressure.

TIMING OF APPLICATIONS

For use as an insecticide: Sprays should be initiated as soon as plants emerge. Plants should be sprayed weekly or twice weekly depending on level of infestation. Continue sprays through harvest.
For use as a fungicide: Spray weekly or once every two weeks depending on the level of disease pressure. On grapes: For powdery mildew - Make first application per bloom and continue sprays every ten days to three weeks depending on level of disease pressure. Use higher rate and shorter spray interval when disease conditions are severe. For Bayberry Bunch Rot - Initiate sprays in bloom and repeat prior to bunch closing and harvest. Final application at harvest if needed. Use higher rate when disease conditions are severe.

COMPATIBILITY INFORMATION

Add the following chemicals to the list of compatible materials: ...
[1] Do not use this product in conjunction with ...
[2] Do not use this product in conjunction with ...
[3] Do not use this product in conjunction with ...



JMS Stylet-Oil

Table with 2 columns: Ingredient Name and Percentage. Includes Aliphatic Petroleum Distillate (97.1%), Inert Ingredients (2.9%), Unsulfonated Residue of The Oil (99.1%), and Flash Point (343°F).

KEEP OUT OF REACH OF CHILDREN CAUTION STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED - Do not induce vomiting. Call a physician.
IF INHALED - Avoid breathing of vapors and spray mist.
IF ON SKIN - Wash immediately with soap and water.
IF IN EYES - Wash immediately with copious amounts of water.

CONDITIONS OF SALE AND WARRANTY

JMS Flower Farms, Inc., warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. JMS Flower Farms, Inc. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.

JMS FLOWER FARMS, INC. 1105 25th Avenue, Vero Beach, FL 32980 (407) 567-9241 - FAX (407) 567-9194 EPA Registration No. - 65564-1

EPA Establishment No. - 14774 FL 07 55206 MI 001

55 GALLONS NET • U.S. STANDARD

Do not spray on wet foliage. Do not spray if...
It is a violation of Federal law to use this product in a manner that will cause injury to humans...
Use this product only in accordance with all labeling and warning requirements...

Table for Plant Virus and Fungicide Use. Columns: Crop, Plant Virus Controlled, Plant Diseases Controlled. Lists crops like Pepper, Tomato, and Beans with their respective diseases.

Table for Insect Control. Columns: Crop, Insects Controlled. Lists crops like Asparagus, Beans, and Cabbage with their respective insect pests.

Table for Ornamental Use. Columns: Ornamental, Insects Controlled. Lists ornamental plants like Chrysanthemum and Delphinium with their respective insect pests.

	European Fruit Lecanium Scale	2	Dormant
	Fruit Tree Leaf Roller	3	Dormant
	European Red Mite	2	Green Tip to Delayed Dormant
	Rust Mite	1-1.5	Summer Use
	Rust Mite	2	Delayed Dormant
	San Jose Scale	2	Delayed Dormant
	San Jose Scale	1-1.5	Summer Use
	Scurly Scale	3	Delayed Dormant
Cherries	Fruit Tree Leaf Roller	3	Dormant
	Mites, Scale	3	Summer
Nectarines	Fruit Tree Leaf Roller	2.5	Green Tip
	Mites, Scale	3	Dormant
	Mites, Scale	1	Summer Use
Olives	Scale, Mites	1.5	Prebloom to Postbloom Buckshot
Pears	Fruit Tree Leaf Roller	3	Dormant
	Pear Leaf Blister Mite	3	Dormant
	Pear Paylla	2	Late Dormant
	Red Spider Mites	1	Summer Use
	San Jose & Italian Pear Scale (Summer forms)	1-1.5	Summer Use
Pecans	Obscure Scale	3	Dormant
Peaches	Cottony Peach Scale, Mites	3	Dormant
	Mites, Scale	1	Summer Use
Plums & Prunes	European Red Mite	2	Dormant to Delayed Dormant
	European Fruit Lecanium Scale	2	1/2 nd Green
	Mites, Scale	1	Summer Use
Walnuts	Scale, Mites	1-1.5	Delayed Dormant

Crop	Plant Diseases Controlled	Rate JMS Stylet-Oil® per 100 gal water	Time of Application (Stage of Development)
Apples	Powdery mildew	1-2.5	Apply at tight cluster and continue through second cover spray
Cherries	Powdery mildew	1-2.5	Apply at petal fall and continue through harvest. Repeat applications every 2-3 weeks as needed
Pears	Powdery mildew	1-2.5	Apply at tight cluster and continue through second cover spray

BEST COPY AVAILABLE