



11/12/93  
File

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

APP 8 1994

John N. Simmons  
JMS FLOWER FARMS INC.  
1105 25th Avenue  
Vero Beach, FL 32960

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 10/29/93 in Response to PR Notice 93-7  
EPA Reg. No. 65564-1  
JMS STYLET OIL

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



**Recycled/Recyclable**  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

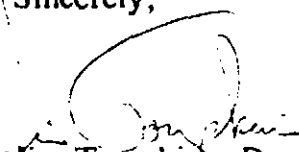
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

John N. Simmons  
JMS FLOWER FARMS INC  
1105 25TH AVE  
VERO BEACH FL 32960

Comment for: EPA Reg Nr.65564-1  
JMS STYLET OIL

The following specific comments pertain to your WPS  
labeling submission concerning the product  
cited above:

Correct the typographical errors circled on your proposed  
label.

**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 mists.

**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.

Applicators and other handlers must wear:

**Long-sleeved shirt and long pants;**

**Shoes plus socks;**

**Chemical-resistant gloves, such as: Barrier laminate or nitrile rubber or neoprene rubber or viton.**

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. 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 stored over-season.

**DISPOSAL PROHIBITIONS** - Do not contaminate water, food or feed by storage and disposal. Open dumping is prohibited.

**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 offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**General** Consult Federal, 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, lilac color or their equivalent). Do not apply this product through any type of irrigation system (chemigation).

**For fungicide use:** Application system used for insects/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.

**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 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 once every two weeks depending on the level of disease pressure.

**On Grapes:** Make first application pre-bloom and continue sprays every two to three weeks depending on level of disease pressure. Use higher rate and shorter spray interval 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 cucurbits, begin spraying when 50% of plants germinate. Cucurbits should be sprayed twice weekly during rapid growth phase.



ACCEPTED  
with COMMENTS  
In EPA Letter Dated

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

65564-1

# JMS

## Flower Farms, Inc.

### JMS Stylet-Oil®

ACTIVE INGREDIENT:.....BY WEIGHT

ALIPHATIC PETROLEUM DISTILLATE .....	97.1%
INERT INGREDIENTS.....	2.9%
TOTAL.....	100%

Unsulfonated Residue of The Oil.....	99.1%
Flash Point .....	345°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.

**PHYSICAL/CHEMICAL COMPATIBILITY INFORMATION**

**CHEMICAL COMPATIBILITY:** Add the oil to tank mix formulations as the last ingredient. JMS Stylet-Oil® can be tank mixed with acephate (Orthene), benomyl (Benlate), copper ammonium carbonate (CCN), copper hydroxide (Kocide), fenvalerate (Asana XL), mancozeb, maneb, methamidophos (Monitor), metalaxyl (Ridomil), and triadimefon (Bayleton).

Follow manufacturer's recommended use rates when tank mixing materials that are compatible with JMS Stylet-Oil®. **DO NOT USE** the following chemicals with JMS Stylet-Oil® unless at least two weeks have elapsed between the use of oil and the chemical anilazine (Dyrene), chlorothalonil (Bravo), dicloran (Botran), Dikar, dinocap (Karathane), organic tin compds. (Duter, Folpet), permethrin (Ambush, Pounce) and sulfur.

**DO NOT USE** JMS Stylet-Oil® in combination with highly ionized nutrient spray materials (Nutri-Leaf) (20-20-20), Bayfolan. These materials can be sprayed separately from oil. JMS Stylet-Oil® is compatible with urea (up to 5 lb. per 100 gal.) and epsom salt (MgSO<sub>4</sub>) (3 lb. per 100 gal.)

Tank mix JMS Stylet-Oil® only with those chemicals registered for use on the specific crop to be treated. For chemicals not listed above try them with oil on a small scale basis. Chemicals which are phytotoxic when used alone will be more phytotoxic when used with oil.

**TERMS**

Seller's guarantee shall be limited to the terms of the label and subject thereto the buyer/user accepts the product on these conditions. All applicable directions, restrictions, and precautions on the label are to be followed. This labeling must be in the possession of the user at the time of the application of this material.

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

FL (MI)

Manufactured at EPA Establishment No. - 14775-FL-01 55206-MI-001  
Superscript corresponds to last letters of lot number.

**55 GALLONS NET • U.S. STANDARD**

**PRE HARVEST INTERVAL**

No interval required.

**ADDITIONAL COMMENTS ON SPRAYING**

Do not spray on wet foliage or if temperature is below 60° F (16° C).

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

Coveralls;

Shoes plus socks;

Chemical-resistant gloves, such as: Barrier laminate or nitrile rubber or neoprene rubber or viton.

**Fungicide Use:**

Crop	Diseases Controlled	Quarts JMS Stylét-Oil® per 100 gal water
Beans	Rust	3-6 Qts.
Curcubits	Alternaria Leafspot, Gummy Stem Blight, Powdery Mildew	
Onions	Powdery Mildew	3-6 Qts.
Roses	Black Spot, Powdery Mildew	
Citrus	Powdery Mildew	3-6 Qts.
Sugar beets	Cercospora	
Grapes	Powdery Mildew	Use 1 to 2 Gal.

**For Plant Virus Use:**

Crop	Plant Viruses Controlled	Quarts JMS Stylét-Oil® per 100 gal water
Pepper	Potato Virus Y, Tobacco Etch Virus, Pepper Mosaic Virus	3 Qts.
Tomato	Potato Virus Y, Tobacco Etch Virus	
Potato	Potato Virus Y, Potato Leafroll Virus	3 Qts.
Curcubits	Papaya Ringspot Virus, Watermelon Mosaic Virus 2, Cucurbit Mosaic Virus, Zucchini Yellow Mosaic Virus	

**INSECTS:**

Crop	Insects Controlled	Quarts JMS Stylét-Oil® per 100 gal water
Asparagus	Leafminers, mealybugs, mites	3-6 QTS
Beans	Whiteflies, leafminers, mealybugs, mites	
Beets	Leafminers, mealybugs, mites	
Cabbage	Whiteflies, leafminers, mealybugs, mites	
Cauliflower	Whiteflies, leafminers, mealybugs, mites	
Celery	Whiteflies, leafminers, mealybugs, mites	
Cotton	Whiteflies, leafminers, mealybugs, mites	
Cucumber	Whiteflies, leafminers, mealybugs, mites	
Field Corn	Earworms, Fall Armyworm, Corn Rootworm	
Sweet Corn	Earworms, Fall Armyworm, Corn Rootworm	
Eggplant	Whiteflies, leafminers, mealybugs, mites	
Grapes	Whiteflies, mealybugs, mites	
Lettuce	Whiteflies, leafminers, mealybugs, mites	
Melons	Whiteflies, leafminers, mealybugs, mites	
Peppers	Whiteflies, leafminers, mealybugs, mites	
Potatoes	Whiteflies, leafminers, mealybugs, mites	
Pumpkins	Whiteflies, leafminers, mealybugs, mites	
Shredded	Mites, leafminers	
Sugarbeets	Mites, Leafminers, Leafhopper	
Squash	Whiteflies, leafminers, mealybugs, mites	
Tobacco	Whiteflies, leafminers, mealybugs, mites	
Tomatoes	Whiteflies, leafminers, mealybugs, mites	

For Ornamental Use:	Insects Controlled	RATE: JMS Stylét-Oil® per 1 gal water
Chrysanthemum	Leafminers	1 OZ.
Dienbachia	Mealybugs	
Philodendron	Scale Insects	
Pansy/ta	Mites	
Roses	Whiteflies	

Crop	Plant Diseases Controlled	Rate JMS Stylét-Oil® per 100 gal water	Time of Application (Stage of Development)
Apples	Powdery Mildew	1-2.5	Apply at light 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 light cluster and continue through second cover spray

**For Stone & Fruit Crops**

Crop	Insects Controlled	Gallons JMS Stylét-Oil® per 100 gal water	Time of Application (Stage of Development)
Almonds	Scale, Spider Mites	1-1.5	Dormant Summer Use
Apricots	Scale, Spider Mites	1-5-2	Dormant Summer Use
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
	Scuffy Scale	1	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
Onions	Scale, Mites	1-5	Prebloom to Postbloom Bugchaser
Pears	Fruit Tree Leaf Roller	3	Dormant
	Pear Leaf Blister Mite	3	Dormant
	Pear Psylla	2	Late Dormant
	Red Spider Mite	1	Summer Use
	San Jose & Raven 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
Pine & 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