

829-83

7/3/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

July 3 2012

Ms Cynthia Huffman  
Southern Agricultural Insecticides Inc  
P O Box 218  
Palmetto FL 34220

5919068  
352/130"

Subject SOLUBLE OIL SPRAY  
EPA Registration Number 829 83  
Notification submitted on June 18 2012

Dear Ms Huffman

On June 25 2012 EPA received your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007 4 for the product Soluble Spray Oil EPA Reg No 829 83 The Registration Division (RD) finds that the action requested falls within the scope of PRN 2007-4 The label submitted for this product on June 18 2012 has been stamped Notification and placed in our records

If you have any questions regarding this letter you may reach me by telephone at 703 305 6406 by FAX at 703 308 0029 or via e mail at [jacobs.bill@epa.gov](mailto:jacobs.bill@epa.gov)

Sincerely yours

A handwritten signature in black ink, appearing to read "William W. Jacobs".

William W Jacobs  
Insecticide Rodenticide Branch  
Registration Division (7505P)

Print Form



United States Environmental Protection Agency Washington DC 20460

Registration Amendment Other (X)

OPP Identification Number

Application for Pesticide Section I

1 Company/Product Number 2 EPA Product Name 3 Proposed Classification 4 Company/Product Name 5 Name and Address of Applicant 6 Expedited Review

Section II

Amendment Explanation Final printed labels in response to Agency letter dated... Notification Explanation

Explanation: Addition of Storage and Disposal section for nonrefillable containers greater than 5 gallons on Sublabel A commercial use label. NOTIFICATION JUL 03 2012

Section III

1 Material This Product Will Be Packaged In 2 Type of Container 3 Location of Net Content Information 4 Size of Retail Container 5 Location of Labeling 6 Manner in Which Label is Affixed to Product

Section IV

1 Contact Person Certification 2 Signature 3 Title 4 Typed Name 5 Date 6 Date of Application Received (Stamped)



Notification of label change per PR Notice 2007 4 This notification is consistent with the guidance in PR Notice 2007 4 and the requirements of EPA's regulations at 40 CFR 156 10 156 140 156 144 156 146 and 156 156 No other changes have been made to the labeling or the Confidential Statement of Formula for this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if the amended label is not consistent with the requirements of 40 CFR 156 10 156 140 156 144 156 146 and 156 156 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

*Cynthia Huffman*

*June 18, 2012*



4 of 13

# Southern Agricultural Insecticides, Inc

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June 18 2012

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504 C)  
U S Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Ave N W  
Washington D C 20460 0001

Subject Soluble Oil Spray  
EPA Reg No 829 83  
Label Notification

Storage and Disposal instructions have been added to Sublabel A (intended for commercial use) The revisions follows the wording on PR Notice 2007 4 revised April 29 2008 for rigid nonrefillable containers that are too large to shake (with capacities greater than 5 gallons)

Per our phone conversation this notification is being resubmitted Your letter of June 13 2012 indicated that the signed certification statement was incorrect The certification included now pertains to PRN 2007 1

Also as required in your letter the words **PESTICIDE STORAGE AND CONTAINER DISPOSAL** have been changed to bold type and the word container has been added in the text to read dispose of container in

The contents of this submission include

Transmittal document (this letter)  
Application for Pesticide notification EPA form 8570 1  
Label with additional section underlined  
Certification statement

If further information is needed I can be reached at (941) 722 3285

Sincerely

Cynthia Huffman

50413

Intended for Commercial Use Sublabel A

# SOLUBLE OIL SPRAY

## SUPERIOR 70-SECOND TYPE

FOR USE ON CITRUS TREES APPLE TREES PALM TREES WOODY ORNAMENTALS (as listed on this label) AND VEGETABLES (as listed on this label) TO CONTROL WHITE FLIES SCALE INSECTS MEALY BUGS AND OTHER TYPES OF INSECTS AS LISTED ON THIS LABEL

See DIRECTIONS FOR USE

**ACTIVE INGREDIENT**

Mineral Oil 98 00 /  
(Unulfonated residue not less than 92 / )

**INERT INGREDIENTS** 2 00 /

**TOTAL** 100 00 /

Contains petroleum distillates

The oil in this product meets Florida Citrus Standards FC 435 66

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**NOTIFICATION**

**JUL 03 2012**

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor Do not induce vomiting unless told to do so by a poison control center or doctor</li> <li>• Do not give <b>any</b> liquid to the person Do not give anything by mouth to an unconscious person</li> </ul>
<b>IF IN EYES</b>	<p>Hold eye open and rinse slowly and gently with water for 15 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eye Call a poison control center or doctor for treatment advice</p>
<b>IF ON SKIN OR CLOTHING</b>	<p>Take off contaminated clothing Rinse skin immediately with plenty of water for 15 20 minutes Call a poison control center or doctor for treatment advice</p>
<b>IF INHALED</b>	<p>Move person to fresh air If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible Call a poison control center or doctor for treatment advice</p>
<p>Have product container or label with you when calling a poison control center or doctor or going for treatment For information on this pesticide product (including health concerns medical emergencies or pesticide incidents) call the National Pesticide Information Center at 1 800 858 7378</p>	
<p><b>Note to Physician</b> Contains petroleum distillate and may pose an aspiration pneumonia hazard</p>	

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION Harmful** if swallowed inhaled or absorbed through the skin Do not get in eyes on skin or on clothing Avoid breathing spray mist Wash contaminated clothing and wash before reuse Wash thoroughly with soap and water after handling

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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

- 1 Long sleeved shirt and long pants
- 2 Chemical resistant gloves made from barrier laminate nitrile rubber neoprene rubber or viton
- 3 Shoes plus socks

Follow manufacturer s instructions for cleaning and maintaining PPE If no such instructions for washables exist use detergent and hot water Keep and wash PPE separately from other laundry Discard clothing and other absorbent material that have been drenched or heavily contaminated with the products concentrate Do not reuse them

**USER SAFETY RECOMMENDATIONS**

Users should

- Wash hands before eating drinking chewing gum using tobacco or using the toilet
- Remove clothing/PPE immediately if pesticide gets inside Then wash thoroughly and put on clean clothing
- Remove PPE immediately after handling this product Wash the outside of gloves before removing
- As soon as possible wash thoroughly and change into clean clothing

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark Do not contaminate water when disposing of equipment washwater or rinsate Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas

### DIRECTIONS FOR USE

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

**Note** Do not apply this product through any type of Irrigation System

Aerial application of this product is prohibited 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 labeling about personal protective equipment (PPE) and restricted entry intervals 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

- (1) Coveralls
- (2) Chemical resistant gloves made of any waterproof material and
- (3) Shoes plus Socks

#### NON AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170) The WPS applies when this product is used to produce agricultural plants on farms forests nurseries or greenhouses Do not enter or allow others to until spray has dried

#### RESTRICTIONS AND PRECAUTIONS

Do not apply this product in a way that will contact workers or others persons either directly or through drift Only protected handlers may be in the area during application Mix thoroughly the proper amount of oil and water in the spray tank and continue agitation during spraying In general woody ornamentals are more tolerant to oil sprays than are tender succulent plants If oil applications must be made to tender plants they may be syringed off with clear water about an hour after applying oil

Do not apply oil sprays to plants that are wilting or are near wilting from lack of moisture Do not apply oil with sulfur or lime sulfur Do not apply an oil spray within 3 weeks before or after an application of sulfur or lime sulfur Avoid spraying during periods of excessively high temperature (above 90 F) Do not exceed three oil sprayings per year Do not use more than the specified dosage for to do so may cause plant injury Do not allow the mixture to stand

#### EFFICACY CONSIDERATIONS

For scalcides to be effective thorough coverage is essential Better scale control can be anticipated when applications are made when scale insects are in the crawler stage

#### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g. wind direction wind speed temperature relative humidity) and method of application (e.g. ground airblast) can influence pesticide drift The applicator must evaluate all factors and make appropriate adjustments when applying this product

**Wind Speed** Do not apply at wind speeds greater than 15 mph at the application site

**Temperature Inversions** If applying at wind speeds less than 3 mph the applicator must determine if a) conditions of temperature inversion exist or b) stable atmospheric conditions exist at or below nozzle height Do not make applications into areas of temperature inversions or stable atmospheric conditions

**Droplet Size** Apply as a medium or coarser spray (ASABE standard 572) and the minimum volume mean diameter (VMD) for spinning atomizer nozzles

**Ground Applications** Apply using a nozzle height of no more than 4 feet above the ground or canopy Applications must be consistent with the limitations for wind speed temperature inversions and droplet size indicated above

**Airblast Applications** For airblast applications turn off outward pointing nozzles at row ends and when spraying outer row To minimize spray loss over the top in orchard applications spray must be directed into the canopy Applications must be consistent with the limitations for wind speed temperature inversions and droplet size indicated above

#### NON DORMANT USES (WHEN PLANT IS ACTIVELY GROWING)

This includes all Florida uses as well as uses on actively growing plants (non dormant) in other Southeastern areas Do not use when temperatures fall below 42 F within 3 weeks of application If a second application of oil is necessary do not apply within six weeks after first oil spray Avoid spraying open blooms

PLANT	INSECT	Qts per 100 Gal	Tbls per Gallon	
Azaleas	Azalea Lace Bug	5	3 /	2 applications after blooming period
Camellia	Scales White Fly Larva	5	3 /	2 applications at close of blooming period
Citrus	Citrus Mealy Bug Soft Scales	5	4	Preferably in June or July
	Florida Red Scale Purple Scale			
	Spider Mite White Fly Larvae			
Crotons	Soft Scales Mealy Bug	4	2	2 applications if needed
Gardenia	White Fly Larvae Soft Scales	5	3 / 2	2 applications preferably after blooming period
Citrus Mealy Bug				
Holly	White Fly Larvae	5	3 /	2 applications
Hibiscus	White Fly Larvae	4	2	Make a second application only if needed
Ixora	Soft Scales Mealy Bug	5	4	2 applications as needed preferably after blooming
Ivy	Oleander Scale	2	1	Make only one application per year preferably spring or fall
Ligustrum	White Fly Larva Soft Scales	5	3 /	Make a second application only if needed
Mango	Florida Red Scale Mango Scale	5	3 /	Make a second application only if needed
Palm outdoor	Soft Scales Mealy Bug	3	2	Rinse with clear water 1 / to 2 hours after applying
Pittosporum	Cottony Cushion Scale	5	3	2 applications as needed
Viburnum	Soft Scale	5	3	2 applications as needed

For application to Citrus do not exceed 159 pounds of active ingredients per acre in a maximum of 1 500 gallons of spray mix

For use on the types of vegetables listed below do not exceed 3 applications in a growing season and do not apply at intervals of less than 14 days On these vegetable crops this product controls Aphids Mites Beetle Larvae Leafminers Thrips Leafhopper and Whitefly (except for avocado as noted in table below)

PLANT	INSECT	Qts per 100 Gal	Tbls per Gallon
Avocado	Wax Scale White Fly Latania Scale	5	3 /
Beans		4 8	2 / 5
Beets		4 8	2 / 5
Cabbage		4 8	2 / 5
Cauliflower		4 8	2 / 5
Celery		4 8	2 / 5
Corn		4 8	2 / 5
Cucurbit		4 8	2 / 5
Eggplant		4 8	2 / 5
Melon		4 8	2 / 5
Pepper		4 8	2 / 5
Squash		4 8	2 / 5
Tomato		4 8	2 / 5
Tobacco		4 8	2 / 5

**DORMANT USES**

Dormant oil sprays are applied during the winter and early spring in those areas where many plants reach true dormancy (not Peninsular Florida) Dormant oil sprays should not be applied in freezing weather Preferably temperatures should be above 40 F Dormant sprays are generally more effective in the spring just before new growth starts

PLANT	INSECT	Qts per 100 Gal	Tbls per Gallon	
Apples	Scales	8	6	Before visible growth starts
Azalea	Bark Scales	6	4	On early blooming varieties apply during warm weather in late fall
Camellia	Scales	6	4	Supplement to summer applications
Holly	Holly Scale	8	6	In spring before buds open
Pittosporum	Cottony Cushion Scale	8	6	2 applications
Privet	White Peach Scale	12	8	2 applications 2 weeks apart
Pyracantha	Wax Scale	12	8	Before visible growth starts
Rose	Rose Scale	6	4	Before visible growth starts



### STORAGE AND DISPOSAL

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

(FOR USE ON CONTAINERS 5 GALLONS OR LESS)

**PESTICIDE STORAGE** Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**PESTICIDE DISPOSAL** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of container in a sanitary landfill, or incinerate if allowed by State and local authorities.

(FOR USE ON NONREFILLABLE CONTAINERS GREATER THAN 5 GALLONS)

**PESTICIDE STORAGE** Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**PESTICIDE DISPOSAL** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closure. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of container in a sanitary landfill, or incinerate if allowed by State and local authorities.

(FOR USE ON REFILLABLE 30, 55, 275 GALLON CONTAINERS)

**PESTICIDE STORAGE** Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**PESTICIDE DISPOSAL** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL** Refillable container. Refill this container with this product only. Do not use this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times. Offer container for recycling or reconditioning, if available, or dispose of empty container in a sanitary landfill, or by incineration, if allowed by State and local authorities.

### WARRANTY STATEMENT

Follow instructions carefully. Timing, method of application, weather conditions, mixtures with other chemicals, and other influencing factors in the use of this product are beyond control of the seller.

To the extent consistent with applicable laws, buyer assumes all risks of use, storage, or handling not in strict accordance with the directions and precautions given herewith.

## Southern Agricultural Insecticides, Inc

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EPA Reg No 829 83

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(828) 692 2233

P O Box 85  
BOONE N C 28007  
(828) 264 8843  
EPA Est No 829 FL 1

### Net Contents Liquid

(0.473 liters)    (3.785 liters)    (9.46 liters)    (113.55 liters)    (189 liters)    (1041 liters)



**SOLUBLE OIL SPRAY**  
**Intended for Residential Use –Sublabel B**

**FOR USE ON CITRUS TREES APPLE TREES PALM TREES WOODY ORNAMENTALS (as listed on this label) AND VEGETABLES (as listed on this label) TO CONTROL WHITE FLIES SCALE INSECTS MEALY BUGS AND OTHER TYPES OF INSECTS AS LISTED ON THIS LABEL**  
**See DIRECTIONS FOR USE**

**FOR RESIDENTIAL USE ONLY**

**ACTIVE INGREDIENT**

Mineral oil 98 00 /  
(Unulfonated residue not less than 92 /)

**INERT INGREDIENTS**

**TOTAL** 100 00 /

Contains petroleum distillates

The oil in this product meets Florida citrus Standards FC 435 66

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor</li> </ul> Do not give any liquid to the person Do not give anything by mouth to an unconscious person
<b>IF IN EYES</b>	Hold eye open and rinse slowly and gently with water for 15 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eye Call a poison control center or doctor for treatment advice
<b>IF ON SKIN OR CLOTHING</b>	Take off contaminated clothing Rinse skin immediately with plenty of water for 15 20 minutes Call a poison control center or doctor for treatment advice
<b>IF INHALED</b>	Move person to fresh air If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible Call a poison control center or doctor for treatment advice
Have product container or label with you when calling a poison control center or doctor or going for treatment For information on this pesticide product (including health concerns medical emergencies or pesticide incidents) call the National Pesticide Information Center at 1 800 858 7378	
<b>Note to Physician</b> Contains petroleum distillate and may pose an aspiration pneumonia hazard	

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION Harmful** if swallowed inhaled or absorbed through the skin Do not get in eyes on skin or on clothing Avoid breathing spray Wash contaminated clothing and wash before reuse Wash thoroughly with soap and water after handling and before eating drinking chewing gum or using tobacco Wear a long sleeved shirt long pants socks and waterproof gloves while using or handling this product

### ENVIRONMENTAL HAZARDS

To protect the environment do not allow pesticide to enter or run off into storm drains drainage ditches gutters or surface waters Applying this product in calm weather when rain is not predicted for the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off the treatment area Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems

### DIRECTIONS FOR USE

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

**Note** Do not apply this product through any type of Irrigation System

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

### USE RESTRICTIONS AND PRECAUTIONS

Mix thoroughly the proper amount of oil and water in the spray tank and continue agitation during spraying Do not allow the mixture to stand In general woody ornamentals are more tolerant to oil sprays than are tender succulent plants If oil applications must be made to tender plants they may be syringed off with clear water about an hour after applying oil

Do not apply oil sprays to plants that are wilting or are near wilting from lack of moisture Do not apply oil with sulfur or lime sulfur Do not apply an oil spray within 3 weeks before or after an application of sulfur or lime sulfur Avoid spraying during periods of excessively high temperature (above 90 F) Do not exceed three oil sprayings per year Do not use more than the specified dosage for to do so may cause plant injury

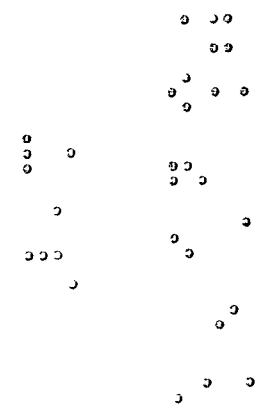
### HOW TO IMPROVE CONTROL

For scaleicides to be effective thorough coverage is essential Better scale control can be anticipated when applications are made when scale insects are in the crawler stage

### NON DORMANT USES (WHEN PLANT IS ACTIVELY GROWING)

This includes all Florida uses as well as uses on actively growing plants (non dormant) in other Southeastern areas Do not use when temperatures fall below 42 F within 3 weeks of application If second application of oil is necessary do not apply within six weeks after first oil spray Avoid spraying open blooms

PLANT	INSECT	Tbls p	Gallon	Note
Azaleas	Azalea Lace Bug White Fly Larva	3 /		2 applications after blooming per od
Camellia	Scales White Fly Larva	3 /		2 applications at close of blooming period
Citrus	Citrus Mealy Bug Soft Scales	4		Preferably in June or July
Citrus	Florida Red Scale Purple Scale Spider Mite White Fly Larvae	4		
Citrus	Soft Scales Mealy Bug	2		2 applications if needed
Gardenia	White Fly Larvae Soft Scales	3 /		2 applications preferably after blooming period
Holly	Citrus Mealy Bug	3 /		2 applications
Hibiscus	White Fly Larvae	2		Make a second application only if needed
Ixora	Soft Scales Mealy Bug	4		2 applications as needed preferably after blooming
Lily	Oleander Scale	1		Make only one application Preferably spring or fall
Ligustrum	White Fly Larva Soft Scales	3 /		Make a second application only if needed
Mango	Florida Red Scale Mango Scale	3 /		Make a second application only if needed
Palm outdoor	Soft Scales Mealy Bug	2		Rinse with clear water 1 / to 2 hours after applying
Viburnum	Soft Scale	3		2 applications as needed



For use on the types of vegetables listed below do not exceed 3 applications in a growing season and do not apply at intervals of less than 14 days On these vegetable crops this product controls Aphids Mites Beetle Larvae Leafminers Thrips Leafhopper and Whitefly (except for avocado as noted in table below)

PLANT	INSECT	Tbls per Gallon
Avocado	Wax Scale White Fly Latania Scale	3 /
Beans		2 / 5
Beets		2 / 5
Cabbage		2 / 5
Cauliflower		2 / 5
Celery		2 / 5
Corn		2 / 5
Cucurbit		2 / 5
Eggplant		2 / 5
Melon		2 / 5
Pepper		2 / 5
Squash		2 / 5
Tomato		2 / 5
Tobacco		2 / 5

**DORMANT USES**

Dormant oil sprays are applied during the winter and early spring in those areas where many plants reach true dormancy (not Peninsular Florida). Dormant oil sprays should not be applied in freezing weather. Preferably temperatures should be above 40 F. Dormant sprays are generally more effective in the spring just before new growth starts.

PLANT	INSECT	Tbls per Gallon	Note
Apples	Scales	6	Before visible growth starts
Azalea	Bark Scales	4	On early blooming varieties apply during warm weather in late fall
Camellia	Scales	4	Supplement to summer applications
Holly	Holly Scale	6	In spring before buds open
Platycodon	Cottony Cushion Scale	6	2 applications
Privet	White Peach Scale	8	2 applications 2 weeks apart
Pyracantha	Wax Scale	8	Before visible growth starts
Rose	Rose Scale	4	Before visible growth starts

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.  
**PESTICIDE STORAGE:** Store pesticide in the original container in a locked storage area.  
**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container.  
**If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.  
**If empty:** Place in trash or offer for recycling if available.

**WARRANTY STATEMENT**

Follow instructions carefully. Timing, method of application, weather conditions, mixtures with other chemicals, and other influencing factors in the use of this product are beyond control of the seller. To the extent consistent with applicable law, buyer assumes all risks of use, storage, or handling not in strict accordance with the directions and precautions given herewith.

For information or questions contact our website at [Southernag.com](http://Southernag.com) or email us at [info@southernag.com](mailto:info@southernag.com)

**Southern Agricultural Insecticides, Inc**

P.O. Box 218 PALMETTO FL 34220 Phone (941) 722-3285 EPA Reg No 829-83  
 P.O. Box 429 HENDERSONVILLE N.C. 28793 (828) 692-2233  
 P.O. Box 85 BOONE N.C. 28607 (828) 264-8843 EPA Est No 829-FL-1

**Net Contents Liquid 1 pint and 1 gallon**