

9779-251

07/20/2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
9779-251

Date of Issuance:
JUL 20 2009

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:
Dormant Oil 435

Name and Address of Registrant (include ZIP Code):

Winfield Solutions, LLC
P.O. Box 64589
St. Paul, MN 55164-0589

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments:

- Please see page 2 for label comments.

You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this Notice or the next printing of the label whichever occurs first, must bear the new revised label. A stamped copy of the label is enclosed for your records. Should you have any questions, please contact Julie Chao at 703-308-8735 or chao.julie@epa.gov.

Signature of Approving Official:
Meredith F. Laws, Chief *Meredith F. Laws*
Insecticide-Rodenticide Branch
Registration Division (7505P)

Date:
JUL 20 2009

Label Comments

- 1. On page 1, the text in bold type must be added to the First Aid statements, and based on toxicity ranking per the acute toxicity review, the statements must be placed on the label in the following order:

IF IN EYES:...

IF ON **SKIN OR CLOTHING**:...

IF SWALLOWED:...

- 2. On page 1, as specified in the acute toxicity review, a phone number for emergency medical treatment information must be added to the label.
- 3. On page 2, per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read: "CAUTION. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing."
- 4. On page 2, per the RED and the acute toxicity review, the PPE section must be revised to read:

"Some materials that are chemical-resistant to this product are made of barrier laminate, nitrile rubber, neoprene rubber, or viton. If you want more options, follow the instructions for category E on an EPA chemical-resistance selection chart.

Mixers, loaders, applicators, flaggers and other handlers must wear:
 Long-sleeved shirt and long pants,
 Shoes and socks, and
 Chemical-resistant gloves.

See engineering controls for additional requirements."

- 5. On page 2, the text in bold type must be added to the User Safety Recommendation text currently on the label: "User should remove clothing/**PPE** immediately if pesticide gets inside."
- 6. On page 2, delete the text "For terrestrial use" from the Environmental Hazards section.
- 7. On page 3, per the product chemistry review, a revision is needed to the Storage and Disposal section. The heading **STORAGE AND DISPOSAL** must be added before the statements. It is recommended that the statements be placed in a text box for prominence and consistency with other products.

8. On page 3, if this product is intended to be used by airblast application, the following text must be added to the spray drift section of the label:

“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.”

9. The following text spray drift text must be added to the label for all application methods, not just for airblast application, as specified in the RED:

“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.”

10. On page 3, delete the word “General” from the “General Information” heading. The word “General” implies that the statements following are advisory, not mandatory.

Confidential Statement of Formulation

11. Please note that, per the product chemistry review dated March 12, 2009, the basic formulation dated 1/15/09 is acceptable. Per the product chemistry review dated May 14, 2009, the alternate formulation dated 1/15/09 is also acceptable, and has been designated as alternate formulation #1. All previously dated CSFs are superseded.



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Dormant Oil 435

**An Emulsifiable Concentrate Useful For The Control Of Certain Insect Pests And
As An Additive To Certain Fungicidal Sprays**

ACTIVE INGREDIENT

Mineral Oil *	98.8%
OTHER INGREDIENTS	1.2%
TOTAL	100.0%

Contains petroleum distillates
*Unsulphonated Residue 92% Min.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything to an unconscious person.

IF IN EYES:

- 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.
- Call a poison control center or doctor for treatment advice.

IF ON SKIN:

- 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.

Note to Physician: Do not induce vomiting. May cause aspiration pneumonia hazard. Contains petroleum distillate.

Read Additional PRECAUTIONARY STATEMENTS,

**ACCEPTED
With COMMENTS
In EPA Letter Dated:**

JUL 20 2009

**Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:**

9779-251

EPA Reg. No. 9779-251

EPA Est. No.

Distributed By:
Winfield Solutions, LLC
P.O. Box 64589, St. Paul, MN 55164-0589

NET CONTENTS _____ Gals.

PROP 1-15-09

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. If swallowed, do not induce vomiting. Avoid contact with eyes, skin, or clothing.

Personal Protective Equipment: Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber, neoprene rubber or viton. If you want more options, follow the instructions for category E on the EPA chemical resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber or viton and shoes plus socks.

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

Mixers, loaders, applicators, flaggers, and other handles must wear: long-sleeve shirt and long pants, and shoes plus socks.

See engineering controls for additional requirements.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If not such instructions for washables, exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

Enclosed Cockpits

Engineering Controls: Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing 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

For terrestrial uses: 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame.

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 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.

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 soil or water, is: coveralls, shoes plus socks, and chemical-resistant gloves made of any waterproof material.

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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 enter until sprays have dried.

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE

Store in a dry location away from children, animals, foods, feeds, seeds, or other agricultural chemicals. Handle in accordance with information given under PRECAUTIONARY STATEMENTS. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance with information given under DISPOSAL. Repackage and relabel useable product in a sound container. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

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: Plastic Containers--Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Metal Containers--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.

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, aerial, airblast, chemigation) can influence pesticide drift. The applicator and grower 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.

DROPLET SIZE

Apply as a medium or coarser spray (ASAE standard 572), and the minimum volume mean diameter (VMD for spinning atomizer nozzles.

RELEASE HEIGHT

Apply using a nozzle height of no more than 4 feet above the ground or crop canopy. For aerial applications of agricultural products, do not release spray at a height greater than 10 feet above the ground, top of crops, or above the orchard canopy.

BOOM LENGTH

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

SWATH ADJUSTMENT

When applications are made with the cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field.

Citrus: Maximum of 159 pounds active ingredient per acre (maximum 1500 gallons of spray mix per acre) in Texas and Florida, and 212 pounds active ingredient per acre (maximum 2000 gallons of spray mix per acre) in California (based on Thorough Coverage Spray, with 1.5 gallons of product mixed in 100 gallons of water).

GENERAL INFORMATION

DORMANT OIL 435 is a blend of special surfactant with phytobland (non-phytotoxic oil) in the 70 second viscosity range.

PREPARATION WITH APPLICATION OF SPRAY EMULSIONS

Fill spray tank half full of water. Add the proper amount of herbicide while agitating and then add DORMANT OIL 435. Continue to agitate while finishing filling and agitate before and during each application to insure a uniform spray emulsion.

FOR APPLICATION WITH FUNGICIDES

Use 1 pint to 1 quart of DORMANT OIL 435 per acre of crop treated. DORMANT OIL 435 is particularly suggested for use with BENOMYL and MANCOZEB when they are used for the control of Cercospora leaf spot and rust of peanuts.

Generally those using ground applicators will apply 20 to 100 gallons of spray per broadcast acre, with proportionately less for band treatments. If airplane applications are to be made, apply at least 5 gallons of spray per acre.

Carefully read and follow the directions contained on the label of the fungicide with which DORMANT OIL 435 is to be used. For local recommendations, consult competent agricultural authorities.

FOR CONTROL OF INSECTS

DORMANT OIL 435 is useful for the control of certain insect pests of apples, almonds, peaches, plums, prunes, cherries, ornamentals and shade trees, pears, pecans, and citrus fruits. General directions for its use are given in the table. However, as cultural practices for these crops vary so much in different areas that specific information for use of DORMANT OIL 435 for a particular crop listed should be obtained from your State Agricultural Extension Service. DORMANT OIL 435 may be used in conjunction with certain insecticides or fungicides for use on apples, peaches, plums, prunes, cherries, ornamentals and shade trees, pears, pecans, and citrus but only if the labels of the insecticides or fungicides give directions for use with spray oils. Such directions must be followed implicitly. Do not use more than six (6) applications of DORMANT OIL 435 alone or in combination per year. When using gallons per acre rate use in sufficient water to insure thorough coverage.

CROPS	PEST CONTROLLED	GALLONS OF DORMANT OIL 435 PER ACRE	GALS OF DORMANT OIL 435 PER 100 GALS SPRAY	TIME OF APPLICATION
Apples, Almonds, Peaches, Plums, Prunes, Cherries	Aphid eggs, Orchard Mites: For best results, should be followed by an acaricide in pink. Good coverage may eliminate necessity of summer application.	4 to 9	1 to 2	½ inch green. Timing very critical.
	San Jose Scale and other scales	6 to 9	1 to 2	After leaves drop in fall and before buds swell in spring.
Ornamentals, Shade Trees Conifers* holly, pyracantha, sycamore, hawthorne, flowering peach, flowering cherry, apple, magnolia, maple, dogwood, oak, privet, birch	Scales (Brown, soft, oyster shell, brown apricot, black, San Jose), Red spider mites, red spider mite eggs	4	1	On all varieties when in leaf
		4	1	Dormant spray on evergreen varieties
		4 to 9	2	Dormant spray on deciduous varieties
*May cause discoloration of blue spruce. Do not use on conifers or ferns not tolerant to oil sprays.				
Pears	Orchard Mites	4 to 8	1 to 2	Same as for apples, peaches, plums, prunes and cherries
	Pear Psylla	4 to 8	2	Dormant before appreciable oviposition. Second application one week later if adult psylla are still present.
Pecans	Obscure Scale	4 to 10	3 (If trees are in weakened condition, use only 2.)	Late February until buds first break.

CROP	PEST CONTROLLED	GALLONS OF DORMANT OIL 435 PER ACRE	TIME OF APPLICATION
Citrus	Whiteflies, Spider Mites, Loosens Sooty Mold,	2 to 5	Apply in sufficient water to assure thorough coverage of leaves, twigs and fruit.
	Scale insects, Greasy Spot, Citrus Rust Mite (Does not control snow scale.)	5 to 10	Do not apply with sulfur or within 30 days of each other. Oil applied after October may increase susceptibility of trees to cold damage and may reduce the crop the following year. Oil applied in the fall may inhibit solids formation and retard fruit coloring. Do not apply to drought-stricken trees. Do not use oil when humidity is 30% or less. Irrigate; then apply oil.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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