

41856-2

12-29-2010

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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:

41856-2

Date of Issuance:

DEC 29 2010

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:

GRIFFIN 435 SOLUBLE OIL

Name and Address of Registrant (include ZIP Code):

Ben Hill Griffin, Inc.
P.O. Box 188
Frostproof, FL 33843
ATTN: C. Will Brown, Jr.

5888126 5888123 5839570
676/ 676/1135 676/1140
5888125 5888124 5888122
676/1135 676/1135 676/1135

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 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.

The Confidential Statements of Formula (CSFs) dated "December 15, 2010" for the "Basic Formulation" and for "Alternate Formulation 1" and "Alternate Formulation 2" are accepted. These CSFs replace all CSFs previously accepted for this product.

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

See page 2 for labeling notes.

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. If you have any questions, contact William Jacobs at 703-305-6406 or jacobs.bill@epa.gov.

Signature of Approving Official:

Venus Eagle, Product Manager 01
Insecticide-Rodenticide Branch
Registration Division (7505P)

Date:

DEC 29 2010

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Labeling Notes for EPA Reg. No. 41856-2

The comments below pertain to the label coded "Master 12-22-10" that was received by the Office of Pesticide Programs on December 22, 2010.

1. In the "NOTE TO PHYSICIAN:" sentence, "in" should be changed to "an".
2. In the sixth sentence of the "**PRECAUTIONS FOR ORNAMENTALS:**" paragraph (page 7), "motions" should be changed to "motion".

cc: Matthew Brooks

GRIFFIN 435 SOLUBLE OIL

This product meets the specifications for Florida Citrus Spray Oil FC 435-66.

Active Ingredient:

Mineral Oil*	99.0%
Inert Ingredients.....	1.0%
	100.0%

* Contains petroleum distillates

Unulfonated Residue of Petroleum Distillate.....92.0% Minimum

ACCEPTED
 DEC 29 2010
 Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended, for the
 pesticide registered under:
 41856-2

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 41856-2

FIRST AID	
If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or physician immediately for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If Inhaled	<ul style="list-style-type: none"> • Move the 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 physician for treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none"> • 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.
If in Eyes	<ul style="list-style-type: none"> • 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 physician for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or when going to treatment. You also may contact 1-800-222-1222 for emergency medical treatment information.</p>	
<p>NOTE TO PHYSICIAN: This product contains petroleum distillates and may pose in aspiration pneumonia hazard.</p>	

EPA Registration No. 41856-2

EPA Est. No. 41856-FL-1

Manufactured By:
 Ben Hill Griffin, Inc.
 Frostproof, FL 33843

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

May be harmful if swallowed. May be injurious to eyes and skin. Do not take internally. Do not get in eyes or on skin. Do not smoke while using. Flush contaminated eyes with plenty of water and get medical attention if irritation persists. Avoid breathing spray mist or vapors.

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 resistant category selection chart.

Applicators and other handlers must wear:

- Long-sleeve shirt and long pants;
- Chemical-resistant gloves, made of barrier laminate or nitrile rubber or neoprene rubber or viton;
- 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 materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard for agriculture pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

Users Should:

1. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. The wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. 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. Keep out of lakes, ponds, or streams. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Apply this product only as specified on this label. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Physical or Chemical Hazards

Do not use, pour, 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 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 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 4 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,
3. Shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in the 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.

Chemigation Prohibition

Do not apply this product through any type of irrigation system.

Spray Drift Management

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (e.g., ground, aerial, and airblast) 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.

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-based Equipment Application: Apply using a nozzle height or no more than 4 feet above the ground or crop canopy.

Do not apply at wind speeds greater than 15 mph and the application site.

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

Airblast Equipment Application: 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 toward the canopy.

Aerial Applications: Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles. Do not apply at wind speeds greater than 15 mph at the application site.

Release Height: Do not release spray at a height greater than 10 feet above the ground, above the tops 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 a 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 untreated swath at the downwind edge of the treated field.

CITRUS (Florida only) – Grapefruit, Lemons, Limes, Oranges, Tangelos, and Tangerines.

PEST	RATE/ACRE	COMMENTS
Citrus Rust Mites	10 gals	Does not control citrus Snow Scale
Spider Mites	5 gals	
Scale Insects -Black Soft -Glover -Chaff -Yellow -Purple -Red -Brown Soft	10 gals	
Whitefly	5 gals	
Greasy Spot (Grapefruit)	5 gals	Tank-mix with sufficient copper fungicide to provide 4 lbs/acre of metallic copper.
Greasy Spot (all other varieties)	5 to 10 gals	If disease pressure is severe, tank-mix 4 lbs/acre of metallic copper. Do not exceed 5 gals oil if copper used.
Loosening sooty mold	5 to 10 gals	Use 10-gallon rate when disease pressure is heavy.

Do not exceed a maximum of 159 pounds of active ingredient (in a maximum volume of 1500 gallons or spray mix per acre) when treating citrus in Florida.

All rates are calculated for mature trees with normal foliage cover. Rates should be reduced proportionally for smaller trees. For dilute application use rate per acre in 400 to

800 gallons of water. For concentrate application use rate per acre in 40 to 200 gallons of water by ground equipment or 15 to 30 gallons by aircraft. Improved efficacy can be obtained when the oil is added to partially filled spray tank under proper agitation and all foliage is thoroughly covered. All applications should be made in sufficient water to insure thorough coverage without significant runoff.

Precautions in the use of oil on citrus include: Do not apply oil spray when trees are wilting. Do not apply oil and sulfur within 3 weeks of each other. Do not apply oil when temperatures exceed 95° F. Oil spray applied after October 1 may increase susceptibility of trees to cold damage and may reduce the fruit crop the following year. Oil sprays applied in the fall may inhibit solids formation in the juice and retard coloring of fruit and should not be applied within 60 days of anticipated harvest. Sensitive foliage may be injured.

Tank mixes: When tank-mixing with other pesticides, check compatibility before mixing in application equipment. Follow all precautions and instructions on all pesticide labels being tank-mixed.

Consult the Florida Citrus Spray and Dust Schedule, or your State Agricultural Experiment Station or State Extension Service Specialist for complete details on the spraying program best suited to your locale.

FRUIT AND SHADE TREES

APPLES, PEARS, PEACHES, CHERRIES, PLUMS, GRAPES:

Use ½ cup to one gallon of water (1.5gal./50gal. of water to control European Red mite eggs, Green apple aphid, Rosy apple aphid, and San Jose and Apricot scale insects. Spray thoroughly, wetting insects on both sides of leaves.

AVOCADO:

Avocado Red mites – 3qts/100gal of water.

Florida Red Scale, Avocado Whitefly, Pyriform Scale – 1gal/100gal of water.

Apply when first infestations first appear.

OAKS, ELM, WILLOWS, BASSWOOD (Linden):

Use at same strength as for fruit trees. Do not use on Maples, Mountain Ash (Sorbus) and Beech.

PRECAUTIONS/FRUIT AND SHADE TREES:

Do not spray within 30 days before or after using sulfur. Do not apply oil when rain or snow is likely to follow quickly or when the temperature is below 40° F, or is likely to drop to freezing point before the spray has thoroughly dried. Use the proper amounts only as stated on this label and follow all cautions.

ORNAMENTALS

ORNAMENTAL PLANTS (Gardenias, Holly, Ligustrum, Viburnum, Evergreens, Hardy Shrubs):

Scale Insects, Spider mites, and Whiteflies – 1 gal/100gals of water. Apply when infestations first appear. Repeat as needed.

AZALEAS AND CAMELLIAS:

Scale Insects, Spider mites, and Whiteflies – 1gal/100gals of water. Apply in spring after blooming and in fall prior to blooming and at least 3 weeks before anticipated freeze. Spray for even and thorough coverage of plant parts.

PRECAUTIONS FOR ORNAMENTALS:

Do not use more than 1gal/100gals of water of spray as injury may possibly result under certain circumstances. Do not use oil sprays on foliage within 30 days before or after using Sulfur or Captan. Do not repeat oil sprays in less than 30 days of first applications, or use more than twice in twelve-month period. Do not spray trees or plants weakened from any cause whatsoever such as lack of moisture, excess moisture, cold or freeze damage, recent root pruning or transplanting. Avoid spraying trees or plants when temperatures are excessively high or low. Keep guns or spray wand in motions while spraying. Do not overlap with additional spray onto foliage already dry. Dormant oil spray may cause discoloration of Blue Spruce. Do not spray broadleaved evergreens when temperatures are near or below freezing.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE

Store in a cool, dry, locked area out of the reach of children. Keep oil container tightly closed in storage to prevent entry of water.

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

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

[for containers less than 5 gallons] Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ 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 if available, 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.

[for containers greater than 5 gallons] Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container back 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 and disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld metal containers.

CONDITIONS OF SALE:

BEN HILL GRIFFIN, INC. WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSE STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF BEN HILL GRIFFIN, INC. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL BEN HILL GRIFFIN, INC. BE LIABLE FOR THE CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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