

41856-1

12-28-2010

1
9



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:

41856-1

Date of Issuance:

DEC 28 2010

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

Term of Issuance: **Unconditional**

Name of Pesticide Product:
GRIFFIN 455 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.

5888118 5839570 5888116
676/ 676/1140 676/1135
676/ 5888115 5888117/
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 Statement of Formula (CSF) dated "December 15, 2010" for the "Basic Formulation" and the CSFs for "Alternate Formulation 1" and "Alternate Formulation 2" are accepted. These CSFs replace all other 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 28 2010

Labeling Notes for EPA Reg. No. 41856-1

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 next-to-last sentence of the "NOTE:" paragraph under "**APPLICATION INSTRUCTIONS**" (page 5), "tank-mixed" should be changed to "tank-mixing".
2. In the last sentence of the "NOTE:" paragraph, "instruments" should be changed to "instructions".
3. In the third sentence of the first paragraph under "**CONDITIONS OF SALE:**", "MANNER OR USE OF APPLICATION" should be changed to "MANNER OF USE OR APPLICATION".

cc: Matthew Brooks

GRIFFIN 455 SOLUBLE OIL

ACCEPTED
DEC 28 2010
Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

Active Ingredient:
Mineral Oil*.....99.0%
Inert Ingredients.....1.0%
100.0%

EPA Reg. No: 41856-1

* Contains Petroleum Distillates
Unulfonated Residue (minimum).....92.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not give any liquid to the person. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 15 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
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 doctor for treatment advice.
Have the product container label with you when calling a poison control center or doctor, or when going for treatment. You may also contact The Poison Control Center at 1-800-222-1222 for emergency medical treatment information.	
NOTE TO PHYSICIAN: This product contains petroleum distillates and may pose an aspiration pneumonia hazard.	

EPA Registration No. 41856-1

EPA Est. No. 41856-FL-1

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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Avoid contact with eyes, skin and clothing. Harmful if swallowed. Avoid breathing of spray mists or vapors. Avoid contamination of food or food stuffs.

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 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 agricultural 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. Then wash thoroughly and put on clean clothing/PPE.
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. Do not

5
9

contaminate water when disposing of equipment washwater 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.

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.

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 of 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 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.

APPLICATION INSTRUCTIONS

NOTE: All rates are calculated for mature trees with normal foliage cover. Rates should be adjusted downward proportionally for smaller immature trees. All applications should be made in sufficient water to insure thorough coverage without significant runoff. Minimum GPA for concentrate sprays is 10 to 20 for application by aircraft and 50 gallons for application by ground equipment. For dilute application use rate per acre in 400 to 800 gallons of water. When tank-mixed 455 Oil with other pesticides, check compatibility before mixing in application equipment. Follow all precautions and instruments on all pesticide labels being tank-mixed.

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 of spray mix per acre) when treating citrus in Florida.		

Improved efficacy can be obtained when the oil is added to partially filled spray under proper agitation and all foliage is thoroughly covered.

Precautions in the use of oil 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.

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.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

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 of the nearest EPA Regional Office for guidance.

Container Disposal: *For Containers equal to or less than 5 Gallons :* Nonrefillable container. Do not reuse or refill this container. Clean container 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 ¼ 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. Offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

For Containers greater than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Clean container 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 closures. 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. Offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances. CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.

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 OR USE OF 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, EXCEPT AS EXPRESSLY PROVIDED HEREIN, BEN HILL GRIFFIN, INC. MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, 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.

Read all directions carefully.