

PM 21

69237-2

8-6-99

Jacket 1 of 10



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.

Number:

69237-2

Date of Issuance:

AUG - 6 1999

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Global Suffa

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ms. Rebecca M. Horton
Consultant/Agent for
DK International, Inc.
1000 Johnson Ferry Road, Ste. C110
Marietta, GA 30068

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following labeling change before you release the product for shipment: Add the phrase "EPA Registration No. 69237-2".
3. Under personal protective equipment, add "protective eyewear".
4. Under potatoes, correct the spelling of "early".
5. For roses, flowers and ornamentals, associate the disease with the plants on which they occur and for which control is intended.

Signature of Approving Official:

Mary L. Waller
Mary L. Waller, Product Manager (21)
Fungicide Branch,
Registration Division(7505C)

Date:

AUG - 6 1999

6. Submit one copy of the final printed label for the record.

If these conditions are not compiled with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

Mary L. Waller

Mary L. Waller,
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure

[FRONT PANEL]

GLOBAL SUFFA

ACTIVE INGREDIENT:

Sulfur 80%

INERT INGREDIENTS: 20%

TOTAL: 100%

Keep Out of Reach of Children

CAUTION

See back/side/other panel(s) for additional Precautionary Statements. [as necessary]

NET CONTENTS: _____

STATEMENT OF PRACTICAL TREATMENT

If On Skin: Wash with soap and water.

If In Eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

If Swallowed: Give one or two glasses of water and induce vomiting by sticking finger down throat.

Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

If Inhaled: Remove victim to fresh air immediately and call a physician. Administer artificial respiration if indicated.

[BACK/SIDE/OTHER PANEL(S), as necessary]

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: May cause irritation of eyes. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment (PPE): Applicators and other handlers must wear: (1) long sleeved shirt and long pants; (2) waterproof gloves, and (3) shoes plus socks. 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.

User Safety Recommendations: Users should: (1) wash hands before eating, drinking, chewing gum, using tobacco or using the toilet; and (2) remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.

Environmental Hazards

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 apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters.

Physical & Chemical Hazards

Sulfur dust suspended in air ignites easily. Keep away from heat, sparks or flames. Do not smoke while using this product.

ACCEPTED
with COMMENTS
In EPA Letter Dated

8-6-99
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
69237-2

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.

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

OBSERVE SPECIFIC INSTRUCTIONS FOR USE IN CALIFORNIA.

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 24 hours. **EXCEPTION:** If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, waterproof gloves, shoes plus socks, and protective eyewear.

Application Instructions: Apply through any type of handheld, knapsack, mechanical or pneumatic spraying equipment.

Mixing: Pour the required amount of Global Suffa into the indicated amount of water while stirring. Global Suffa disperses instantly.

Dilute Application:

Field - Specified rate in 20 to 60 gallon of water per acre.

Orchard - Specified rate in 100 to 800 gallons of water per acre.

Concentrated Application:

Field - Specified rate in 5 to 10 gallons of water per acre.

Orchard - Specified rate in 20 to 100 gallons of water per acre.

Aerial Application:

Field - specified rate in 3 to 20 gallons of water per acre.

Orchard - Specified rate in 10 to 20 gallons of water per acre.

Compatibility: Global Suffa is completely compatible with Bordeaux mixture, copper fungicides, liquid fertilizers and all organic fungicides, insecticides, acaricides and herbicides.

Use Instructions: Some crops may be damaged by sulfur under certain climatic conditions. Do not use on any crop unless sulfur has been shown to be safe in your locality. Do not allow spray to drift onto sulfur-sensitive crops. Sulfur may burn foliage when temperature is high. Do not apply at such times.

Do not use sulfur with oil or within two weeks of an oil application unless in a dormant, delayed dormant, or postharvest application. *For citrus*, do not apply within 21 days of an oil spray. When growing crops for processing, consult the processor before applying sulfur.

Note: The application rates specified for each crop are the maximum that should be applied. These amounts may be reduced if experience or local practice indicate that lesser amounts may be effective. Consult State Agricultural Experiment Station or State Extension Service specialist for rates recommended in your area.

VEGETABLE CROPS			
Crop	Pest	Rate Lbs/A	Directions
Asparagus	Rust	10-15	Apply after cutting stops and repeat every 7-10 days throughout the growing season as needed. During the fern period, apply every 2-3 weeks as needed.
	Mites: Brown, Two-spotted	7	
Beans Peas	Leaf Spot Powdery Mildew Rust Mites: Atlantic, Pacific, Two-spotted	7	Apply at early leaf stage and repeat every 14 days as needed.
Broccoli Brussels sprouts Cabbage Cauliflower	Powdery Mildew Mites: Atlantic, Pacific, Red Spider, Two-spotted	3-10	Begin in early leaf stage. Repeat every 10 to 14 days as needed. <i>California Only</i> - Apply 5 lbs. per acre at early leaf stage and repeat every 14 days as needed.
Carrots	Powdery Mildew Mites: Petrobia	3-10	Apply at early leaf stage and repeat every 14 days as needed.
Cucumbers	Powdery Mildew	2-4	Apply when disease first appears and repeat as needed. Do not apply more than 2 lbs. per acre per application during periods of high temperature.
Greens: Collards Kale Mustard	Powdery Mildew Red Spider Mite Mites: Atlantic, Pacific, Two-spotted	3-10	Apply at early leaf stage and repeat every 14 days as needed. <i>California Only</i> - Apply 5 lbs. per acre at early leaf stage and repeat every 14 days as needed.
Lettuce (head and leaf)	Powdery Mildew Rust Mites: Red Spider	5-6	Apply at early leaf stage and repeat every 14 days as needed. Thorough coverage is required. <i>Not for Use in California.</i>
Melons	Powdery Mildew	10-15	Apply when disease first appears and repeat as needed. Sulfur can injure plants, especially when temperature reaches 95°F. Do not use on sulfur sensitive varieties.

VEGETABLE CROPS			
Crop	Pest	Rate Lbs/A	Directions
Onions Garlic	Powdery Mildew <i>Mites: Petrobia</i>	3-10	Apply when disease first appears and repeat as needed. <i>California Only</i> - Apply 6 lbs. per acre when disease first appears and repeat as needed.
Potatoes	Powdery Mildew <i>Mites: Red Spider</i>	5	Apply at learly leaf stage and repeat every 14 days as needed.
Peppers	Powdery Mildew <i>Mites: Red Spider</i>	3-10	Apply at early leaf stage and repeat every 14 days as needed. <i>California Only</i> - Apply 5 lbs. per acre at early leaf stage and repeat every 14 days as needed.
Rutabagas	Powdery Mildew <i>Mites: Red Spider</i>	3-10	Apply at early leaf stage and repeat every 14 days as needed. <i>California Only</i> - apply 5 lbs. per acre at early leaf stage and repeat every 14 days as needed.
Squash	Powdery Mildew	10-15	See use previous directions for melons.
Tomatoes	Powdery Mildew <i>Mites: Russet</i>	5-10	Begin application when symptoms first appear. Thorough coverage is required.
Turnips	Powdery Mildew <i>Mites: Red Spider</i>	3-10	Apply at early leaf stage and repeat every 14 days as needed. <i>California Only</i> - Apply 5 lbs. per acre at early leaf stage and repeat every 14 days as needed.

FRUIT & NUT CROPS			
Crop	Pest	Rate Lbs/A	Directions
Almonds	Brown Rot Powdery Mildew Leaf Spot Scab <i>Mites: Almond, Atlantic, Brown, Flat, Pacific, Red Spider, Silver, Two-spotted</i>	10-20	Apply at bloom or early petal fall. Repeat as needed, usually 10 to 14 days or after a period of wet weather
Apples Pears	Powdery Mildew Scab Pear Psylla* <i>Mites: Blister, Red Spider, Two-spotted</i>	10-20	Apply at prebloom and petal fall. Apply with cover sprays throughout the season. Do not apply to sensitive varieties of pears except in the dormant or delayed dormant stage. <i>*Not for this use in California.</i>

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FRUIT & NUT CROPS			
Crop	Pest	Rate Lbs/A	Directions
Avocados	<i>Mites</i> : Brown	10-20	Apply as needed.
Citrus	Scale Crawlers Thrips* <i>Mites</i> : Broad*, Bud*, Citrus Rust*, Flat, Red Spider, Rust, Silver, Six-spotted*, Yuma Spider*	10-15	Apply as needed. <i>California only</i> - Apply 10-20 lbs. per acre. <i>*Not for this use in California.</i>
Figs	<i>Mites</i> : Fig, Eriophid	5	<i>For use only in California.</i> Apply at a minimum of 100 gallons per acre. Begin applications in April and continue on a 3-4 week schedule through June.
Grapes	Powdery Mildew <i>Mites</i> : Bud, Blister, Red Spider	5-10	Apply throughout the season at 14-day intervals as needed. Note: Use with caution on concord or labrusca type varieties as injury can occur after bloom.
Mangos	Powdery Mildew	10-30	Begin application before bloom. Repeat at bloom, after fruit set and 3 weeks later, or as needed.
Pecans	Powdery Mildew Sooty Mold <i>Mites</i> : Two-spotted, Red Spider	5-10	Apply throughout the season as needed. Note: some varieties of pecans are sensitive to sulfur sprays under certain conditions. Do not apply unless varieties are known to be tolerant of sulfur. <i>Not for Use in California.</i>
Stone Fruits: Peaches Plums Cherries Nectarines Prunes	Coryneum Blight Rust Powdery Mildew Blossom Blight Brown Rot Leaf Spot Scab <i>Mites</i> : Flat, Red Spider, Silver	10-20	Apply at bloom or early petal fall. Repeat as needed, usually 10 to 14 days or after a period of wet weather. For brown rot of fruit, apply when fruit starts to ripen. Do not apply to apricots.
Walnuts Macadamias	<i>Mites</i> : Almond, Broad*, Pacific, Red Spider, Two-spotted	10-30	Apply throughout the season as needed. Note: Some varieties of walnuts are sensitive to sulfur sprays under certain conditions. Do not apply unless varieties are known to be tolerant to sulfur. <i>California Only</i> - Apply a maximum of 20 lbs. per acre as needed. <i>*Not for this use in California.</i>

FIELD CROPS			
Crop	Pest	Rate Lbs/A	Directions
Alfalfa	<i>Mites</i> : Atlantic, Lygus, Pacific, Red Spider	8-10	Apply throughout the season as necessary. <i>Not for Use in California.</i>
Cereals: Corn Wheat Barley Oats Rye Sorghum	Powdery Mildew <i>Mites</i> : Atlantic, Pacific, Red Spider, Two- spotted	8-10	Apply when symptoms first appear and repeat as needed.
Cotton	<i>Mites</i> : Atlantic*, Lygus, Red Spider	5-10	Apply throughout the season as needed. <i>California Only</i> - Apply a maximum of 5 lbs. per acre as needed. <i>*Not for this use in California.</i>
Peanuts	Powdery Mildew Leaf Spot Rust* <i>Mites</i> : Red spider	5-8	Apply at early leaf stage and repeat as needed. <i>California Only</i> - Apply a maximum of 5 lbs. per acre at early leaf stage and repeat every 14 days as needed. <i>*Not for this use in California.</i>
Soybeans	Leaf Spot Powdery Mildew <i>Mites</i> : Atlantic, Pacific, Two- spotted	10-15	Apply at early leaf stage and repeat every 14 days as needed. <i>California Only</i> - Apply a maximum of 12.5 lbs. per acre at early leaf stage and repeat every 14 days as needed.
Sugar Beets	Powdery Mildew <i>Mites</i> : Red Spider	5-10	Apply as soon a symptoms appear and repeat every 2 to 3 weeks as needed.

SMALL FRUITS & BERRIES			
Crop	Pest	Rate Lbs/A	Directions
Blackberries Boysenberries Dewberries Loganberries Blueberries Gooseberries Huckleberries Currants	Powdery Mildew	6-15	Begin application before blossoms open and continue at 10-day intervals as needed.
Raspberries	Powdery Mildew	6-15	Apply each week from first bloom to fruit set. Repeat as the weather requires.

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SMALL FRUITS & BERRIES			
Crop	Pest	Rate Lbs/A	Directions
Strawberries	Powdery Mildew <i>Mites: Red Spider</i>	5-10	Begin application at early leaf stage and repeat as needed. Do not use on sulfur-sensitive varieties.

MISCELLANEOUS CROPS			
Crop	Pest	Rate Lbs/A	Directions
Spearmint Peppermint	Powdery Mildew	4-6	Apply when mint is 5-6" tall or when disease appears. Repeat twice, at 30-day intervals. Do not apply within 30 days of harvest. <i>Not for Use in California.</i>
Roses, Flowers and Ornamentals <i>including</i> arborvitae, aster, calendula, cherry laurel, carnation, cedars, chrysanthemum, clematis, columbine, cosmos, crepe myrtle, dahlia, daisy, delphinium, dogwood, English ivy, euonymus, foxglove, golden fleece, hibiscus, honeysuckle, hydrangea, lady's mantle, ligustrum, lilac, petunia, phlox, poplar, rose, sage, silver vine, smilax, snapdragon, spiraea, sweetpea, sunflower, verbena, willow, zinnia	Powdery Mildew Leaf Spot Black Spot Botrytis Blight <i>Mites: Red Spider</i>	3-10 by ground or 3-20 by air	Apply to ensure complete plant coverage. Begin when disease first appears and repeat at 5-10 day intervals. <i>California Only</i> - Apply a maximum of 5.6 lbs. in 100 gals. of water when disease first appears and repeat at 10 day intervals as required.

Storage & Disposal

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

Storage: Store upright at room temperature. Avoid exposure to extreme temperatures.

Product Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment; then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY & DISCLAIMER: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of

merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions not reasonably foreseeable to seller; the buyer assumes the risk of any such use.

Distributed by
DK International, Inc.
1000 Johnson Ferry Road, Ste. C-110, Marietta, GA 30068
Manufactured in Germany.

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EPA Est. _____