

Reg # 6325-13

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 4 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Linda C. Watson
GEORGIA GULF SULFUR CORPORATION
700 North Oak - Box 1165
Valdosta, GA 316039103

Subject: Label Amendment Submission of 09/15/93 in Response to PR Notice 93-7
EPA Reg. No. 6325-13
YELLOW JACKET WETTABLE SULFUR II

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING. Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director
Compliance Division, (7203)
Worker Protection Notification
Office of Compliance Monitoring
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling as amended

AND

- WITHIN one year from date of this acceptance.

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

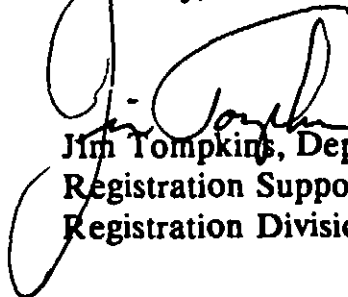
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Hand or courier deliveries of final labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

cc: Office of Compliance Monitoring

5713
ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 4 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
6325-13

YELLOW JACKET WETTABLE DUSTING SULFUR II

For Aerial or Ground Dusting or Spraying

ACTIVE INGREDIENT:

Sulfur..... 90.0%

INERT INGREDIENTS:..... 10.0%

TOTAL:.....100.0%

FINENESS: Not less than 93% passing 325 mesh.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash immediately with soap and water. Get medical attention.

IF IN EYES: Immediately flush eyes with plenty of clear water for at least 15 minutes. Call a physician if irritation persists.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

See Side Panel For Additional Precautionary Statements.

EPA REG. NO. 6325-13

EPA EST. NO. 6325-GA-1

GEORGIA GULF SULFUR CORPORATION
P. O. Box 1165
Valdosta, Georgia 31603-1165

NET CONTENTS: 50 LBS.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. May cause irritation of nose, throat, or skin. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. Do not contaminate feed or foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers other than mixers and loaders must wear long-sleeved shirt and long pants, waterproof gloves and shoes plus socks.

Mixers and loaders must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear.

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.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff conditions are likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

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

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool dry place.

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: 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.

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 (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.

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, and shoes plus socks.

GENERAL INFORMATION

Apply this product only as directed on this label. Do not use this product for any uses other than those specified on this label.

YELLOW JACKET WETTABLE DUSTING SULFUR II is formulated for use as a dust or for use in water as a spray on fruits, vegetables and field crops, flowers and ornamentals and poultry for control of certain fungus, diseases, and mites. It may be combined in the spray tank with most of the commonly used fungicides and insecticides.

DIRECTIONS FOR SPRAYING: Pour the specific amount of this product on the surface of water in the spray tank. Add balance of water to fill the tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. Do not use in low volume gear-type spray equipment. Do not combine with emulsifiable liquids unless previous use of mixture has proven physically compatible and safe to plants.

DIRECTIONS FOR DUSTING: Avoid draft. Apply when air is calm. For best results, apply at night or in early morning hours. Repeat as needed.

CAUTION: Do not use sulfur in combination with oil or within 21 to 60 days of an oil spray. Do not use sulfur on apples or other sensitive crops when shade temperatures exceed, or are likely to exceed 90 F. Do not apply or allow sulfur to drift to cucurbits (Cucumber, cantalope, melon, squash) or tung. To do so may result in severe fruit and leaf injury. When growing crops for processing, consult the processor before applying sulfur.

RECOMMENDATIONS

The specific recommendations on this label conform to the most common application rates and methods for the crop listed. Consult State Agricultural Station or State Agricultural Extension Service Specialist for additional information as the timing, application method, application rate and frequency will vary with local conditions.

All spray dosages given on this label are for dilute sprays (1x concentration). For use in concentrate sprays, increase the dosage of Yellow Jacket Wettable Dusting Sulfur II to apply the equivalent amount per acre. For example, if normal use is 5 pounds per 100 gallons of water applied to one acre, the 5x concentrate rate will be 25 pounds per 100 gallons of water applied to 5 acres. When used as a dust, use the dosage rates listed omitting the water. Apply to coat the foliage and fruit with a light uniform residue. Apply often enough to keep new growth covered.

IMPORTANT: Use the higher dosage during periods of frequent and heavy rainfall. Spray often enough to keep susceptible growth covered. This may require weekly or bi-weekly applications during periods of rapid growth and frequent rainfall.

FRUIT AND NUT CROPS

ALMONDS - Brown Rot, Powdery Mildew, Leaf Spot, Scab - 2 to 6 lbs. per 100 gals. of water - Apply pre-bloom, bloom, petal fall and as a cover spray every 10-14 days or after a period of wet weather. Mites - Brown, Almond, European Red, Two-Spotted, Pacific, Strawberry (Atlantic), Silver, Flat - 2 to 6 lbs. per 100 gals. as needed when infestation is noted. Do not apply within two (2) weeks of an oil application.

APPLES - Scab, Powdery Mildew - 2 to 6 lbs. per 100 gals. of water - Apply pre-bloom, bloom, petal fall, shuck and as a cover spray throughout the season. Mites - Blister, European Red, and Two-Spotted - 2 to 6 lbs. per 100 gals. as needed when infestation is noted.

AVOCADOS - Brown Mite - 30 lbs. per acre as needed.

CANE FRUITS - Blackberries, Blueberries, Boysenberries, Currants, Dewberries, Gooseberries, Huckleberries, Loganberries, Raspberries: Powdery Mildew - Apply 1 to 3 lbs. per 100 gals. of water or 6 to 15 lbs. per acre when new shoots are 6 inches long and before blossoms open. Repeat at 10 day intervals as necessary.

CHERRIES - Blossom Blight, Brown Rot, Powdery Mildew, Leaf Spot, Rust - 2 to 6 lbs. per 100 gals. of water - Apply pre-bloom, bloom petal fall and as a cover spray at 7 to 14 day intervals and as a post-harvest foliar treatment for leaf spot. Mites - Silver and Flat - 2 to 6 lbs. per 100 gals. as needed.

CITRUS - Rust Mite - Use 5 lbs. of sulfur per 100 gallons of water or 25-75 lbs. of sulfur per acre according to size and type of tree. For additional information, consult your State Citrus Spray Guide. Begin applications at first signs of damage and repeat as necessary. Rust mites should be controlled at all times of the year in order to prevent russetting of fruit and greasy spot on leaves. Scale crawlers - Add 5 to 9 lbs. to each 100 gallons of tank strength lime sulfur solution.

FIGS - Fig Rust Mite - Apply 44 lbs. per acre when mites first appear. Since the effectiveness of sulfur varies in different localities, State Agricultural Experiment Stations should be consulted as to the effectiveness before application.

GRAPES - Powdery Mildew, Bud Mites, Blister Mites, Red Spider - 2 lbs. per 100 gals. of water or 2 to 5 lbs. per acre, preferably by ground equipment, beginning when shoots are 6-8 inches long and continuing at 7-10 day intervals. Concord and other Labrusca type grapes may be injured by sulfur.

MANGOES - Powdery Mildew - 10 to 30 lbs. per acre. Begin before bloom. Repeat in bloom, after fruit set and 3 weeks later or as necessary.

OLIVES - For control of Olive Mite - Apply 55 to 76 lbs. per acre. Do not use sulfur in hot weather as damage may result to crop and foliage.

PEACHES AND NECTARINES - Brown Rot, Coryneum Blight, Rust, Powdery Mildew, Scab - 2 to 6 lbs. per 100 gals. of water pre-bloom, bloom petal-fall and in cover sprays at 7-14 day intervals. Peach Silver Mites - 2 to 6 lbs. per 100 gals. of water as needed when infestations appear.

PEARS - Scab, Powdery Mildew - 2 to 6 lbs. per 100 gals. of water - Pre-bloom, petal fall, shuck and as a cover spray throughout the season. Mites - Blister, European Red, Two-Spotted - 2 to 6 lbs. per 100 gals. of water as needed. Sensitive varieties such as D'Anjou and Comice may be injured by sulfur under certain climatic conditions.

PISTACHIOS - Citrus Flat Mite - 55 lbs. per acre. Apply when mites first appear and repeat as necessary. May be applied by ground or air.

PLUMS AND PRUNES - Brown Rot, Scab, Powdery Mildew, Rust, Leaf Spot - 2 to 6 lbs. per 100 gals. of water pre-bloom, bloom, petal fall and as a cover spray at 7 to 10 day intervals. Silver Mites - 2 to 6 lbs. per 100 gals. of water as needed.

QUINCE - Brown Rot, Powdery Mildew, Scab - Apply 38 to 65 lbs. per acre. Begin before diseases are expected to appear. Repeat at 7 to 10 day intervals or as necessary.

STRAWBERRIES - Powdery Mildew - 1 to 3 lbs. per 100 gals. of water or 5 to 10 bls. per acre. Sulfur may injure strawberries under certain climatic conditions.

WALNUTS - Mites - European Red, Pacific, Almond, Two-Spotted - 2 to 4 lbs. per 100 gals. of water. Apply with miticide sprays to increase effectiveness. Certain varieties of walnuts are sensitive to sulfur. Do not apply unless the variety is known to be sulfur tolerant.

VEGETABLE CROPS

ARTICHOKES - Leaf Spot - Apply 27 to 38 lbs. per acre. Begin when disease first appears and repeat at 7 to 10 day intervals as necessary.

ASPARAGUS - Rust - Apply 10 to 20 lbs. per acre after cutting stops, and at 7 to 10 day intervals through the season. During the fern period, apply at 2 to 3 week intervals or with a regular insect program. For Two-Spotted and Brown Mites - Use 4 to 6 lbs. per acre as necessary.

BEANS AND PEAS - Powdery Mildew, Rust, and Leaf Spot - 3 to 6 lbs. per acre at first sign of infection and every 7 to 14 days as necessary. Mites - Two Spotted, Pacific, Strawberry

(Atlantic) - 3 to 6 lbs. per acre as necessary.

CARROTS - Powdery Mildew - 5 to 10 lbs. per acre. Begin at first sign of disease and repeat at 7 to 10 day intervals.

COLE CROPS - Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard Greens, Rutabagas, Turnips - Powdery Mildew - 3 to 5 lbs. per acre beginning in early leaf stage and repeating every 10 to 14 days as needed, or immediately after rain. Mites - Two Spotted, Pacific, Strawberry (Atlantic) - 3 to 5 lbs. per acre as necessary.

EGGPLANTS - Powdery Mildew - Apply 22 to 38 lbs. per acre. Begin when first true leaves appear. Repeat at weekly intervals.

ONIONS AND GARLIC - Powdery Mildew - 5 to 10 lbs. per acre. Begin before disease is expected to appear and repeat as necessary.

PEPPERMINT AND SPEARMINT - Powdery Mildew - Apply 4 to 5 lbs. per acre when mint is 5 to 6 inches tall or when disease appears. Repeat twice, at 30 day intervals. Do not apply within 30 days of harvest.

PEPPERS - Powdery Mildew, Leaf Spot - 3 to 5 lbs. per acre beginning in the early leaf stage and repeating every 10 to 14 days as necessary.

POTATOES - Powdery Mildew, Leaf Spot - 3 to 5 lbs. per acre. Apply when disease first appears and repeat at 3 to 4 week intervals. Two-Spotted Mites - 3 to 5 lbs. per acre as necessary.

SPINACH - Powdery Mildew, Rust - Apply 9 to 33 lbs. per acre. Apply when diseases first appear. Repeat at 7 to 10 day intervals.

TOMATOES - Tomato Russet Mite - 2 to 5 lbs. per acre in sufficient water to assure thorough coverage. Begin when infestation first occurs and repeat as necessary, or with the regularly scheduled insect program.

FIELD CROPS

ALFALFA - Lygus Mites, Pacific Mites, Strawberry Mites - 3 to 5 lbs. per acre as necessary. Repeat at two week intervals.

CLOVER - Powdery Mildew, Spider Mites - Apply 16 to 27 lbs. per acre.

CORN AND SORGHUM - Powdery Mildew - 3 to 5 lbs. per acre. Apply when disease appears and repeat as necessary. Two-Spotted Mites, Pacific Mites - 3 to 5 lbs. per acre when infestation first appears, repeating as necessary.

COTTON - Strawberry (Atlantic) Mites, Lygus Mites - 6 to 9 lbs. per acre beginning when infestation first occurs and every 7 to 14 days as necessary.

COWPEAS - Rust - Apply 6 to 27 lbs. per acre. Begin soon after seedlings emerge. Repeat at 7 to 10 day intervals through the season.

FLAX - Powdery Mildew - Apply 22 to 33 lbs. per acre. Begin at first sign of disease. Repeat at 7 to 10 day intervals or as necessary.

GRASS SEED CROPS - Timothy Mite - Apply 33 lbs. per acre.
HOPS - Mite Suppression - Apply 33 to 44 lbs. per acre.

PEANUTS - Rust, Powdery Mildew, Leaf Spot - 3 to 5 lbs. per acre beginning in early leaf stage and repeating every 10 to 24 days as necessary.

SMALL GRAINS - Barley, Oats, Rye, Wheat - Powdery Mildew - 3 to 5 lbs. per acre. Apply when disease appears and repeat as necessary. Two-Spotted Mites, Pacific Mites, Strawberry (Atlantic) Mites - 3 to 5 lbs. per acre as necessary.

SOYBEANS - Powdery Mildew - 3 to 5 lbs. per acre. Apply when disease appears and repeat as necessary. Two-Spotted Mites, Pacific Mites, Strawberry (Atlantic) Mites - 3 to 5 lbs. per acre beginning when infestation is first noted, repeating as necessary.

SUGAR BEETS - Powdery Mildew - 3 to 5 lbs. per acre beginning when disease first appears, repeating at 3 to 4 week intervals.

VETCH - Rust - Apply 27 to 44 lbs. per acre. Begin at first sign of disease. Repeat at 7 to 10 intervals.

FLOWERS AND ORNAMENTALS (Except CA)

APPLICATION: To control the diseases and red spiders listed below, use Yellow Jacket Wettable Dusting Sulfur II as a dust or spray using 6 lbs. per 100 gals. of water. Applications should be made at 5 to 7 day intervals, beginning when the disease or mites first appear and continuing until all danger from the disease is past. During periods of humid or rainy weather it may be necessary to make applications as often as every 2 to 3 days.

POWDERY MILDEW - Aster, Chrysanthemum, Cosmos, Dahlia, Daisy, Delphinium, Dogwood, Euonymus, Golden Fleece, Hibiscus, Honeysuckle, Hydrangea, Lady's Mantle, Ligustrum, Lilac, Crepe Myrtle, Phlox, Poplar, Silver Vine, Rose, Spiraea, Sunflower, Verbena, Willow and Zinnia.

LEAF SPOT - Calendula, Cherry Laurel, Clematis, Columbine,

English Ivy, Foxglove, Hydrangea, Petunia, Phlox, Sage, Smilax and Snapdragon.

BLACK SPOT - Rose. POWDERY MILDEW - Rose.

BOTRYTIS BLIGHT - Hydrangea.

RED SPIDERS - Arbovitae, Carnation, Cedars, Chrysanthemums, Clematis, Hydrangea, Rose, Snapdragon and Sweetpeas.

POULTRY (Except CA)

CHICKENS, TURKEYS, DUCKS, GEESE, GAME BIRDS AND PIGEONS - To control deplumming mites, dust liberally on birds and rub into feathers. Apply dust thoroughly to all interior surfaces of poultry houses. Force dust into cracks and crevices. Repeat applications as needed.

WARRANTY STATEMENT

GEORGIA GULF SULFUR CORPORATION warrants that this product in its unopened package conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions on the crops specified. There are no other warranties, expressed or implied, concerning the use of this product other than indicated on the label. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.