

JUN 24 1992

Ms. Linda C. Watson  
Agent for Georgia Gulf Sulfur Corporation  
3703 Sedgefield Drive  
Valdosta, GA 31602

Dear Ms. Watson:

Subject: Yellow Jacket Wettable Sulfur II  
EPA Reg. No. 6325-13  
Application for Pesticide Amendment of 03/03/92

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), is acceptable provided you:

1. Submit/cite all data or other material required for registration/ reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. In the Statement of Practical Treatment, add "If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention." To the statement concerning if on skin, add "Get medical attention." and to the statement concerning if in eyes, add "Call a physician if irritation persists."
  - b. Under Environmental Hazards, change the second sentence to "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."
  - c. Under the Reentry Statement, use the following sulfur RED wording: "Do not enter into treated area until at least 24 hours after the completion of application to the area unless wearing the protective clothing listed below. During early reentry into treated areas (less than 24 hours after the completion of application) to perform hand labor tasks, wear long pants (or coveralls), long sleeved shirt,

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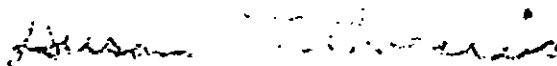
shoes, socks, chemical/ water resistant gloves, goggles or face shield." "Pesticide Handlers: During mixing, loading and application of this product, wear long pants (or coveralls), long sleeved shirt, shoes, socks, chemical/ water resistant gloves and goggles or face shield."

- d. Under Storage and Disposal, use separate Storage and Disposal subheadings.
- e. Place olives in Fruit and Nut Crops rather than Vegetable Crops.
- f. Delete references to lead arsenate under Recommendations as lead arsenate is no longer registered for use.

Submit five copies of your final printed label.

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

Sincerely yours,



Susan T. Lewis  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

BEST AVAILABLE COPY

PM 21 6325-13

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ACCEPTED  
with COMMENTS  
in EPA Reg. No. 6325-13

**YELLOW JACKET  
WETTABLE SULFUR II**

JUN 24 1992

**FOR AERIAL OR GROUND  
DUSTING OR SPRAYING**

Use only as directed on label.  
This product is a restricted use pesticide  
and may require special handling.  
registered under EPA Reg. No.

6325-13

**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 on skin, wash immediately with soap and water.

If in eyes, immediately flush eyes with plenty of clear water for at least 15 minutes.

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

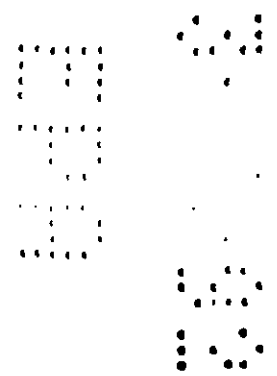
**GEORGIA GULF SULFUR CORPORATION**

P. O. Box 1165

Valdosta, Georgia 31603-1165

**NET CONTENTS: 50 lbs.**

**BEST AVAILABLE COPY**



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**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, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not contaminate feed or foodstuffs.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water. 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 and flame. Do not smoke while applying this product.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**RE-ENTRY STATEMENT**

Do not enter treated area without protective clothing and respiratory protection for 24 hours following application.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

**CAUTION:** Area treated with **YELLOW JACKET WETTABLE SULFUR II**           (Date of Application)          . Do not enter without appropriate protective clothing for 24 hours following application. In case of accidental exposure, see the Statement of Practical Treatment on this label.

**STORAGE AND DISPOSAL**

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

GENERAL INFORMATION

Apply this product only as specified on this label.

Do not use this product for any uses other than those specified on this label.

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

Pour the specific amount of this product on surface of water in spray tank. Add balance of water to fill 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 the mixture has proven physically compatible and safe to plants.

CAUTION: Do not use sulfur in combination with or within two weeks of an oil spray. On citrus, do not use within 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, cantaloupe, melon, squash) or tung. To do so may result in severe fruit and leaf injury.

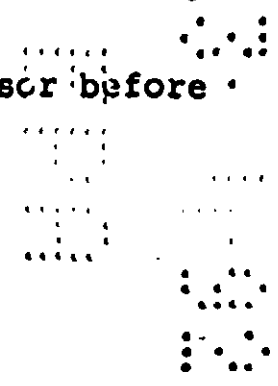
RECOMMENDATIONS:

Consult State Agriculture Experiment Stations or the State Agriculture Extension Service for additional information as the timing and number of applications needed will vary with local conditions.

All dosages given on this label are for dilute sprays (1x concentrations). For use in concentrate sprays, increase the amount of product by the concentrate factor. For example, if normal use is 5 lbs. per 100 gallons applied to one acre, the 5x concentrate rate will be 25 lbs. per 100 gallons applied to 5 acres. Spray often enough to keep new growth protected.

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. When using Lead Arsenate with YELLOW JACKET WETTABLE SULFUR II always add the same amount of Spray Lime, or other safener, as would be used when applying Lead Arsenate without sulfur. When using Zinc Sulfate and Spray Lime as a safener on peaches, always add Zinc Sulfate to the spray tank first, followed by Spray lime. Lead Arsenate and sulfur in order given.

When growing crops for processing, consult the processor before applying sulfur.



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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 Mites - Use 25 to 75 lbs. per acre, depending upon tree size, in sufficient water to cover. Begin application at first sign of damage and repeat as necessary. Rust mites should be controlled at all times of the year to prevent russetting of fruit and greasy spot of leaves.

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 Labrusa 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.

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 lbs. 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.

**BEAN 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.

**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.

**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 SOYBEAN:** 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.

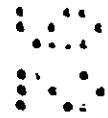
**FLAX:** Powder; Mildew - Apply 22 to 33 lbs. per acre. Begin at first sign of disease. Repeat at 7 to 10 day intervals or as necessary.

**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.





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**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 day intervals.

**FLOWERS AND ORNAMENTALS**

**APPLICATION:** To control the diseases and red spiders listed below, use **YELLOW JACKET WEETABLE 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:** H. drangea.

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

**POULTRY**

**CHICKENS, TURKEYS, DUCKS, GEESE, GAME BIRDS AND PIGEONS:** To control depiumping 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 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 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.

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