



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
252188

Application for Pesticide - Section I

1. Company/Product Number 6325-13	2. EPA Product Manager Mary Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Yellow Jacket Wettable Dusting Sulfur II	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) GEORGIA GULF SULFUR CORPORATION P. O. Box 1165 Valdosta, GA 31603-1165 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

MAY 18 2001

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to remove label verbiage "(EXCEPT CA)" from the uses "FLOWERS AND ORNAMENTALS" and "POULTRY" Per PR Notice 98-10.

See attached statement.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Sammie L. Webb	Title Regulatory Consultant	Telephone No. (Include Area Code) (229) 794-2211
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Sammie L. Webb</i>	3. Title Regulatory Consultant	
4. Typed Name Sammie L. Webb	5. Date April 23, 2001	



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 ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.
IF IN EYES: Flush eyes with plenty of water. 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

GEORGIA GULF SULFUR CORPORATION

P. O. BOX 1165 • VALDOSTA, GEORGIA 31603-1165
 EPA REG. NO. 6325-13 EPA EST. NO. 6325-TX-1 EPA EST. NO. 6325-GA-1
 NET CONTENTS 50 LBS., 22.7 KG

FRUIT AND NUT CROPS

ALMONDS - Brown Rot, Powdery Mildew, Leaf Spot, Scab - Apply 8 to 30 lbs. per 100 gals. of water or 40 to 50 lbs. per acre in pre-bloom, bloom, and post-bloom periods. Apply when disease threatens during rain periods and repeat at 7 to 10 day intervals. Mites - Brown, Almond, European Red, Two-Spotted, Pacific, Strawberry (Atlantic) Silver, Flat - 8 to 30 lbs. per 100 gals. of water or 40 to 50 lbs. per acre as needed when infestation is noted. Do not apply within two (2) weeks of an oil application.

APPLES - Scab, Powdery Mildew - 3 to 7.5 lbs. per 100 gals. of water or 7.5 to 59 lbs. per acre - Apply prebloom, bloom, petal fall, shuck and as a cover spray throughout the season. Mites - Blister European Red, and Two-Spotted - 3 to 7.6 lbs. per 100 gals. of water or 7.5 to 59 lbs. per acre as needed when infestation is noted.

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

CANE FRUITS - Blackberries, Blueberries, Boysenberries, Currents, Dewberries, Gooseberries, Huckleberries, Loganberries, Raspberries: Powdery Mildew - Apply 5.8 to 7.8 lbs. per 100 gals. of water or 10 to 30 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 - 3.6 to 9.5 lbs. per 100 gals. of water or 20 to 59 lbs. per acre - 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 - 3.6 to 9.5 lbs. per 100 gals. of water or 20 to 59 lbs. per acre as needed.

CITRUS - Rust Mite - Use 4.75 to 7.70 lbs. of sulfur per 100 gallons of water or 100 to 125 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 russeting 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 - 1.9 to 6 lbs. per 100 gals. of water or 3.8 to 25 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 - 4.75 lbs. per 100 gals. of water or 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 Blossom Blight, Coryneum Blight, Rust, Powdery Mildew, Scab - Apply 10 to 18 lbs. per 100 gals. of water or 40 to 50 lbs. per acre in pre-bloom, bloom and post-bloom periods. Apply when disease threatens during rain periods and repeat at 7 to 10 day intervals. Peach Silver Mites - 10 to 18 lbs. per 100 gals. of water or 40 to 50 lbs. per acre as needed when infestations appear.

PEARS - Scab, Powdery Mildew - 3 to 9.7 lbs. per 100 gals. of water or 10 to 60 lbs. per acre - Pre-bloom, petal fall, shuck and as a cover spray throughout the season. Mites-Blister, European Red, Two-Spotted - 3 to 9.7 lbs. per 100 gals. of water or 10 to 60 lbs. per acre 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 Blossom Blight, Scab, Powdery Mildew, Rust, Leaf Spot - Apply 10 to 18 lbs. per 100 gals. of water or 40 to 50 lbs. per acre in pre-bloom, bloom and post-bloom periods. Apply when disease threatens during rain periods and repeat at 7 to 10 day intervals. Silver Mites 10 to 18 lbs. per 100 gals. of water or 40 to 50 lbs. per acre as needed.

QUINCE - Brown Rot, Powdery Mildew, Scab - Apply 8 to 60 lbs. per acre. Begin before diseases are expected to appear. Repeat at 7 to 10 day intervals or as necessary.

STRAWBERRIES - Powdery Mildew - 1.8 to 4.9 lbs. per 100 gals. of water or 3 to 50 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 - Globe - Leaf Spot - Apply 27 to 38 lbs. per acre. Begin when disease first appears and repeat at 7 to 10 day intervals as necessary.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT

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

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.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. 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, 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 & 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, shoes plus socks, and protective eyewear.

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. This material may be applied with ground equipment or aircraft depending upon local conditions. Do not apply this product through any type of irrigation system.

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 drift. 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, cantaloupe, 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.

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 - 4 to 7.8 lbs. per 100 gals. of water or 3.8 to 36 lbs. per acre at first sign of infection and every 7 to 14 days as necessary. Mites - Two-Spotted, Pacific, Strawberry (Atlantic) - 4 to 7.8 lbs. per 100 gals. of water or 3.8 to 36 lbs. per acre as necessary.

CARROTS - Powdery Mildew - 10 to 50 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 - 6 to 25 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) - 6 to 25 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 - 18.75 to 37.5 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 - 7.5 to 37.5 lbs. per acre beginning in the early leaf stage and repeating every 10 to 14 days as necessary.

POTATOES - Powdery Mildew, Leaf Spot - 4.0 to 12.5 lbs. per acre. Apply when disease first appears and repeat at 3 to 4 week intervals. Two-Spotted Mites - 4.0 to 12.5 lbs. per acre as necessary.

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

TOMATOES - Tomato Russet Mite - 6 to 10 lbs. per acre in sufficient water to assure thorough coverage or 20 to 40 lbs. per acre as a dust. 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 - 6 to 25 lbs. per acre as necessary. Repeat at two week intervals. **CLOVER** - Powdery Mildew, Spider Mites - Apply 16 to 27 lbs. per acre. Begin when crop is in bud stage or at first sign of disease. Repeat at 7-10 day intervals, repeating as necessary.

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 - 15 to 30 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. Begin at first sign of infestation. Repeat at 5 to 10 day intervals. Repeat as necessary.

HOPS - Mite Suppression - Apply 33 to 44 lbs. per acre. Begin when infestation first appears and repeat at 5 to 10 day intervals. Repeat as necessary.

PEANUTS - Rust, Powdery Mildew, Leaf Spot - 8 to 24 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 - 7.5 to 12.5 lbs. per acre. Apply when disease appears and repeat as necessary. Two-Spotted Mites, Pacific Mites, Strawberry (Atlantic) Mites - 7.5 to 12.5 lbs. per acre beginning when infestation is first noted, repeating as necessary.

SUGAR BEETS - Powdery Mildew - 8 to 10 lbs. per 100 gals. of water or 30 to 50 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 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 - Arborvitae, Carnation, Cedars, Chrysanthemums, Clematis, Hydrangea, Rose, Snapdragon and Sweetpeas.

POULTRY

CHICKENS, TURKEYS, DUCKS, GEESE, GAME BIRDS AND PIGEONS - To control depluming mites, dust liberally on birds and rub into feathers. To treat poultry houses, apply 200 - 250 pounds per 20,000 square feet as a spray (25 - 50 pounds per 100 gallons of water). Apply thoroughly to all interior surfaces of poultry houses. Force spray into cracks and crevices. Repeat application as needed. Note Physical and Chemical Hazards when applying this product.

ANIMALS

For use on domestic livestock (equine, cattle, swine, sheep and goats). Also for use on dogs to control fleas and ticks, dust animal liberally and rub into hair. To treat quarters, apply 200-250 pounds per 20,000 square feet as a spray (25-50 pounds per 100 gallons of water). Apply thoroughly to all interior surfaces of quarters. Force spray into cracks and crevices. Repeat application as needed. Note Physical and Chemical Hazards when applying this product.

CHIGGERS

CHIGGER CONTROL: For control of chiggers in yard, cover entire lawn, flower garden, shrubs and any place chiggers may hide. This should be done a day or two before protection is desired and should be repeated at weekly intervals. Use approximately 2 pounds per 1000 sq. ft. in enough water for thorough coverage.

IMPORTANT

USE ONLY ACCORDING TO STATE RECOMMENDATIONS. WHEN USED AS DIRECTED THIS PRODUCT WILL PROVIDE EFFECTIVE AND ECONOMICAL CONTROL OF LISTED DISEASES AND INSECTS AND PROMOTE HEALTHY LUSH GROWTH.

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 on 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.

NOTIFICATION

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