



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, DC 20460

OFFICE OF
PESTICIDES AND
TOXIC SUBSTANCES

Ms. Joanne Pratt
Product Registration & Labeling Specialist
Wilbur-Ellis Company
191 W. Shaw Ave., Suite 107
Fresno, CA 93704

DEC 17 1991

Dear Ms. Pratt:

Subject: Red-Top Golden Dew
EPA Reg. No. 2935-407
Application for Pesticide Amendment dated 07/19/91

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 required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.
2. The Alternate Confidential Statement of Formulation (CSF) is acceptable. Please submit a Basic CSF as part of the 8-month response to the sulfur Reregistration Eligibility Document (RED Data Call-In (DCI)). The CSF you have submitted in response to the sulfur RED DCI is a copy of the Alternate Formulation submitted with the subject Application for Pesticide Amendment. When you submit the Basic Formulation indicate that it supersedes previous CSF's. Refer to PR NOTICE 91-2 for nominal concentrations which should be the same percent on the Active Ingredient label claim and section 13. b. of the CSF.
3. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Under "ENVIRONMENTAL HAZARDS" change the first two sentences to "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 contaminate water when disposing of equipment washwaters."

2. The required reentry interval statement from the sulfur RED is, "Do not enter 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, shoes, socks, chemical/water resistant gloves, goggles or face shield."

3. The sulfur RED also requires the following statement, "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."

4. The label you submitted now states "(Insert here action to take in case of accidental exposure)". A STATEMENT OF PRACTICAL TREATMENT is required on the label of pesticide products in Toxicity Categories I, II and III as referred to in 40 CFR Part 156.10. The toxicity test data for the 8-month response to the sulfur RED DCI are required to establish Toxicity Category and appropriate first aid statements. Until that data is reviewed and other wording selected, the following may be used.

a. "If Swallowed - Call a physician or poison control center. Promptly drink one or two glasses of water and induce vomiting by touching back of throat with fingers. Do not induce vomiting or give anything by mouth to an unconscious person."

b. "If Inhaled - Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention."

c. "If in Eyes - Flush eyes with a gentle steady stream of water for 15 minutes. Get medical attention."

d. "If on Skin - Wash with plenty of soap and water. Get medical attention if irritation persists."

5. Indicate Net Contents location on label.

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4. Submit five (5) copies of your final printed labeling as part of the sulfur RED DCI 8-month response requirements.

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

Sincerely yours,

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

Enclosure

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 17 1991

Under the Federal Insecticide,
Fungicide and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No
2935-407

RED-TOP

GOLDEN-JEW

(FUNGICIDE AND INSECTICIDE)

BEST AVAILABLE

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 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.

Do not enter treated areas without protective clothing for 24 hours after application. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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. Oral warnings should specify protective clothing, areas or fields that cannot be entered without this clothing, period of time area is to be vacated, and statement of practical treatment in case of exposure. 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. Warnings must include the following information: "Caution. Area treated with Sulfur (date of application). Do not enter without appropriate protective clothing until sprays have settled. (Insert here action to take in case of accidental exposure.)"

STORAGE AND DISPOSAL

1. Prohibitions: Do not contaminate water, food or feed by storage or disposal.
2. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
3. 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.
4. Storage: Store in original container only and keep sealed. Store in closed storage areas. Use caution when moving, opening, closing or pouring. Store in a dry place.

MIXING INSTRUCTIONS: Pour recommended amount of this material into 1/3 filled 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.

WATER VOLUME: USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOW GALLONS OF WATER PER ACRE.

GROUND APPLICATION: 40 to 80 gallons per acre.

AIR and CONCENTRATE APPLICATION: 3 to 20 gallons per acre.

REPORTANTS: The desired ratio of GOLDEN-JEW to water should be 1 to 2 pounds per gallon of water, but should not exceed 2 pounds per gallon.

Do not use within 2 weeks of an oil spray treatment; on citrus within 21 days.

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

For control of MITES, use higher rates shown under conditions of high pest pressure. For control of FLYING, use higher rates shown when weather conditions indicate a potential for increased pest pressure.

Consult with State Agricultural Experiment Station or State Agricultural Extension Service personnel for additional information consistent with label cautions and directions.

COMPATIBILITY: Golden-Jew is compatible with most pesticides. Because conditions vary, a small amount of the pesticide should be mixed prior to application to ensure their compatibility. ALWAYS ADD THE PESTICIDE INTO THE MIXED GOLDEN-JEW.

Sulfur will cause severe fruit and leaf injury to sulfur sensitive crops. Do not allow this material to drift onto sulfur sensitive Melons, Squash, Cucumbers, Apples or other plants which may be injured by sulfur.

Do not apply when shade temperatures exceed or are likely to exceed 90°F. Sulfur may burn foliage and fruit during periods of high temperatures and under certain climatic conditions.

RECOMMENDATIONS FOR USE:

ALMONDS: For the control of LYGUS, PACIFIC MITE and STRAWBERRY MITE — Use 10 to 20 lb. per acre. Repeat at 1 to 2 week intervals.

ALMONDS: For suppression of BROWN ALMOND, EUROPEAN RED, TWO-SPOTTED, PACIFIC and STRAWBERRY (Almonds) MITES — Apply 3 to 6 lb. per 100 gallons of water. Apply when infestation first occurs and repeat as necessary. For control of SCAB — Apply 6 lb. per 100 gallons of water. Apply 6 weeks after post fall. Do not apply within 10 days of an oil application.

APPLES: SCAB, POWDERY MILDEW — Apply 4 to 6 lb. per 100 gallons of water. Apply from pink or pre-blossom spray through second cover spray. Add 1 gallon lime sulfur in pink and early sprays. Use an sulfur tolerant varieties only. Mosquitofish, Golden Delicious, Jonathan and certain other varieties may be injured by sulfur under certain climatic conditions.

APRICOTS: For control of RUST — Use 10 to 20 lb. per acre. Apply after setting stage, through, continue, then apply the sulfur. Repeat at 7 to 10 day intervals through season. For rust control during Fern period, apply at 2 to 3 week intervals or with the regularly scheduled insect program. For suppression of TWO-SPOTTED and BROWN MITES — Apply 6 to 10 lb. per acre. Apply when post first appears and repeat as necessary.

BEANS and PEA: SPIDER MITE and POWDERY MILDEW — Apply 6 to 10 lb. per acre. WHITE MOLD — Apply 10 to 20 lb. per acre. Sulfur may injure certain varieties of beans. Begin application when post first appears. Repeat as necessary.

CARROTS, ONIONS and EARLY PETROBIA MITE and POWDERY MILDEW — Apply 6 to 10 lb. per acre.

CHERRIES: BLOSSOM BLIGHT, BROWN ROT, LEAF SPOT, POWDERY MILDEW — Apply 4 to 6 lb. per 100 gallons of water as a dilute spray or 10 to 20 lb. per acre as an oil or concentrate application. Begin in pre-pink stage. Repeat at bloom, post fall, and in cover sprays at 7 to 14 day intervals and as a post harvest fall treatment for LEAF SPOT.

CORN, SMALL GRAINS (Barley, Oats, Rye, Wheat), SOYBEANS and SOYBEANS: For suppression of the TWO-SPOTTED, GRASSHOPPER and PACIFIC MITES, for control of the ATLANTIC MITE (Small Grain Only), for control of POWDERY MILDEW — Apply 6 to 10 lb. per acre. Apply when disease first appears and repeat as necessary, or with the regularly scheduled insect program.

COTTON: SPIDER and STRAWBERRY (Almonds) MITES — Apply 2 to 4 lb. per acre. LYGUS — Apply 10 to 15 lb. per acre. Begin when infestation first occurs and repeat at 1 to 2 week intervals as necessary, or with regularly scheduled insecticide program.

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ACTIVE INGREDIENTS:

Sulfur

INERT INGREDIENTS:

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* Registered Trademark of Wilbur-Ellis Company

EPA Reg. No. 2935-407-AA

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with eyes. Wash thoroughly with soap and water after handling. Remove contaminated clothing.

STATEMENT OF PRACTICAL CONCERNS

If swallowed, induce vomiting by sticking finger down throat. Never give any food or drink.
If in eyes, wash eyes with plenty of water for at least 15 minutes. Get medical attention.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wash water from treated areas.

PHYSICAL HAZARDS

Sulfur dust suspended in air ignites easily. Keep away from heat, sparks, or flames.

RECOMMENDATIONS FOR USE

CITRUS: For suppression of BEL-SPOTTED, CITRUS, CITRUS FLU and YUCONDA MITES — Apply 10 to 20 lb. per acre.

GRAPES: POWDERY MILDEW — Apply 2 lb. per 100 gallons of water or 3 to 6 lb. per acre before blossoms open and continue as necessary. Consult and other label directions for control of other diseases.

MELONS: Use 20 to 25 lb. per acre to control POWDERY MILDEW. Powderly injures the vines, particularly if the temperature reaches 95°F. Do not use on SULFUR SENSITIVE VARIETIES.

PEACHES and NECTARINES: BROWN ROT, CORYNEUM BLIGHT, RUST, PEARL DISEASE, and other diseases — Apply 4 to 6 lb. per 100 gallons of water or 10 to 20 lb. per acre as an oil or concentrate application. Apply up to harvest on Peaches. For control of RUST (Peaches only) control in summer sprays — Apply 6 lb. per 100 gallons of water 3 weeks before harvest and continuing at weekly intervals.

PEANUTS: For control of RUST — Apply 3 to 12 lb. per acre. Repeat as necessary.

PEARS: SCAB, POWDERY MILDEW — Apply 4 lb. plus 1 gallon lime sulfur per 100 gallons of water. On Bartlett Pears, apply 4-6 lb. at post fall through second cover spray. Under certain climatic conditions may be injured by sulfur.

PLUMS and PRUNES: BROWN ROT, BLOSSOM BLIGHT, PRUNE RUST — Apply 4 to 6 lb. per acre as an oil or concentrate application. Do not apply after post fall.

POTATOES: POWDERY MILDEW and TWO-SPOTTED SPIDER MITES — Apply 6 to 10 lb. per acre at 3 to 4 week intervals or as necessary.

STRAWBERRIES, RASPBERRIES and BOYDBERRIES: POWDERY MILDEW — Apply 6 to 10 lb. per acre. Repeat as necessary. Discontinue application under certain climatic conditions.

SUGAR BEETS: For control of POWDERY MILDEW — Apply 3 to 12 lb. per acre. Repeat as necessary or as a preventive treatment. Repeat applications at 3 to 4 week intervals.

TOMATOES: For control of TOMATO RUSSET MITE — Use 10 to 20 lb. per acre. Repeat as necessary or with the regularly scheduled insect program.

ORNAMENTALS

ROSES: BLACK SPOT, POWDERY MILDEW, RUST — Apply 3 tablespoons per gallon of water. Begin application when new growth appears in spring.

In Case of Emergency, Call CHEMICAL