

P.M. 21
19713-296
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ACCEPTED

AUG 3

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-296

Drexel

BEST AVAILABLE COPY

Sulfa 92

FUNGICIDE AND INSECTICIDE

ACTIVE INGREDIENTS:

Sulfur 92.00%

INERT INGREDIENTS: 8.00%

TOTAL: 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No.: 19713-296

EPA Est. No.:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye and skin irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap. Remove contaminated clothing. 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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything to an unconscious person.

IF SPLASHED IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation develops.

IF SPILLED ON SKIN: Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated, to areas where surface water is present or to intertidal areas below the mean water mark. Do not contaminate water when disposing of rinseate or equipment wash water.

PHYSICAL HAZARDS:

Keep away from heat, sparks, or 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 AND FARM WORKER SAFETY STATEMENTS

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 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.

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.

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 must inform workers of areas or fields that may not be entered without specific protective clothing until sprays have dried, and appropriate actions to take in case of accidental exposure, as described under Precautionary Statements. When oral warnings are given, warnings must 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. "CAUTION. Area treated with sulfur on (date of application). Do not enter without appropriate protective clothing for 24 hours. In case of accidental exposure, flush eyes or skin with plenty of water. Call physician if irritation persists. Remove and wash contaminated clothing before reuse.

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 following gallons of water per acre.

DILUTE APPLICATION: GROUND APPLICATION: Apply specified rate in 20 to 60 gallons of water per acre. **ORCHARD APPLICATION:** Apply specified rate in 100 to 800 gallons of water per acre.

CONCENTRATE APPLICATION: GROUND APPLICATION: Apply specified rate in not less than 5 gallons of water per acre. **ORCHARD APPLICATION:** Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AIR APPLICATION: Apply specified rate in 3 to 20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre. Use higher rates when using dilute applications. Use lower recommended rate when using concentrate equipment.

CHEMIGATION: DO NOT APPLY this product through any type of Irrigation system.

CONSULT WITH STATE AGRICULTURAL EXPERIMENT STATION OR STATE AGRICULTURAL EXTENSION SERVICE PERSONNEL FOR ADDITIONAL INFORMATION CONSISTENT WITH LABEL CAUTIONS AND DIRECTIONS.

COMPATIBILITY: SULFA 92 is compatible with most pesticides. Because conditions vary, a small amount of the pesticide should be mixed prior to application to examine their compatibility. ALWAYS ADD THE PESTICIDE TO THE MIXED SULFA 92.

Notes:

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, apricots or other plants which might be injured by sulfur.

When growing crops for processing, consult processor before applying sulfur. Do Not Use within 2 weeks of an oil spray treatment; for citrus within 21 days. 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:

ALFALFA: For the control of *Lygus*, *Pacific Mite* and *Strawberry Mite*, use 10-20 lbs. per acre. Repeat at 1-2 week intervals.

ALMONDS: For suppression of *Brown Almond*, *European Red*, *Two-Spotted*, *Pacific* and *Strawberry Mites*; Apply 3-5 lbs. per acre. Apply 5 weeks after petal fall. Do not apply within 14 days of an oil application.

APPLES: *Scab* and *Powdery Mildew*: Apply 4-5 lbs. per acre. Apply from pink or pre-blossom spray through second cover spray. Add one gallon lime sulfur in pink and calyx sprays. Use on sulfur tolerant varieties only: Macintosh, Golden Delicious, Jonathan and certain other varieties may be injured by sulfur under certain climatic conditions.

ASPARAGUS: For control of *Rust*, use 15 to 35 lbs. per acre. Apply after cutting stops, irrigate, cultivate, then apply the sulfur. Repeat at 7 to 10 day intervals through the 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 8 lbs. per acre. Apply when pest first appears and repeat as necessary.

BEANS AND PEAS: *Spider Mite* and *Powdery Mildew*: apply 6 to 10 lbs. per acre. *White Mold*: apply 10 to 20 lbs. per acre. Sulfur may injure certain varieties of beans. Begin application when pest first appears and repeat as necessary.

CARROTS, ONIONS, AND GARLIC: *Petiole White* and *Powdery Mildew*: apply 9 to 15 lbs. per acre when the disease first appears and repeat as needed.

CHERRIES: *Blossom Blight*, *Brown Rot*, *Leaf Spot* and *Powdery Mildew*: apply 4 to 6 lbs. per acre as a dilute spray or 15 to 20 lbs. per acre as an air or concentrate application. begin in popcorn stage. Repeat at bloom, petal fall and

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Drexel Chemical Company

P.O. BOX 8308, MEMPHIS, TN 38108-0308

In cover sprays at 7 to 14 day intervals and as a post harvest foliar treatment for Leaf Spot.

CORN, SMALL GRAINS (Barley, Oats, Wheat, Rye), **SORGHUM AND SOY-BEANS:** For suppression of the *Two Spotted, Grass Banks and Pacific Mites*; for control of the *Atlantic Mite*; (small grain only) for control of *Powdery Mildew*; apply 6 to 15 lbs. per acre. Apply when disease first appears and repeat as necessary, or with the regularly scheduled insect program.

COTTON: *Spider and Strawberry (Atlantic) Mites*; apply 2 to 10 lbs. per acre. *Lygus*; apply 10 to 15 lbs. per acre. Begin when infestation first occurs and repeat at 1 to 2 week intervals as necessary or with regularly scheduled insecticide program.

CITRUS: For suppression of *Six Spotted, Citrus, Citrus Flat and Yuma spider Mites* apply 4 to 30 lbs. per acre. Apply at bloom or early petal fall. Repeat as necessary.

GRAPES: *Powdery Mildew*; apply 3 to 5 lbs. per acre. Apply when shoots are 6 inches long, repeat before blossoms open and continue as necessary. Concord and other labrusca type grapes may be injured by sulfur.

MELONS: Use 20 to 25 lbs. per acre to control *Powdery Mildew*. *Powdery Mildew* may be controlled by sulfur, but the sulfur often injures the vines, particularly if the temperature reaches 95° F. T when the disease first appears. Repeat as necessary. **DO NOT USE ON SULFUR SENSITIVE VARIETIES.**

PEACHES AND NECTARINES: *Brown rot, Coryneum Blight, Rust, Peach Silver Mite, Powdery Mildew*; apply 15 to 30 lbs. per acre. Begin in pink bud stage and repeat at bloom, petal fall and in cover sprays at 7 to 14 day intervals. Apply up to harvest on Peaches. Do Not apply after jacket stage on Nectarines. For Brown Rot (Peaches Only) control in summer sprays, apply 6 lbs. per 100 gallons of water, or 15 to 20 lbs. per acre. Begin application about 4 to 5 weeks before harvest and continue at weekly intervals.

PEANUTS: For control of *Rust*; apply 3 to 12 lbs. per acre. Start in early leaf stage, repeat applications as necessary, usually 10 to 24 days.

PEARS: *Scab, Powdery Mildew*; apply 20 to 30 lbs. per acre. Apply in the pink or pre-blossom spray. On Bartlett Pears apply 4 to 6 lbs. at petal fall through second cover sprays. Sensitive varieties (Anjou and Comice) under certain climatic conditions may be injured by sulfur.

PLUMS, PRUNES: *Brown Rot, Prune Rust*; apply 20 to 25 lbs. per acre at bloom or early petal fall. Repeat as necessary.

POTATOES: *Powdery Mildew and Two Spotted Spider Mites*; apply 6 to 10 lbs. per acre. Apply when disease first appears. Repeat applications at 3 to 4 week intervals or as necessary.

STRAWBERRIES, RASPBERRIES AND BOYSENBERRIES: *Powdery Mildew*; apply 4 to 10 lbs. per acre. Begin at first sign of disease and repeat as necessary. Discontinue applications during hot weather. Sulfur may injure strawberries under certain climatic conditions. **DO NOT Use on sulfur sensitive varieties.**

SUGAR BEETS: For control of *Powdery Mildew* apply 6 to 12 lbs. per acre. Begin at first sign of disease. Use lower rates for light disease pressure or as a preventative treatment. Repeat applications at 3 to 4 week intervals or as necessary.

TOMATOES: For control of *Tomato Russet Mite* use 15 to 30 lbs. per acre. Begin when infestation first occurs and repeat as necessary or with the regularly scheduled insect program.

ORNAMENTALS:

ROSES: *Black Spot, Powdery Mildew, Rust*; apply 3 tablespoons per gallon (6 lbs. per 100 gallons) and spray for full coverage wetting both sides of leaves. Begin applications when new growth appears in the spring and repeat every 7 days if necessary.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS: Storage should be under lock and key in a ventilated room and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack plastic containers over 2 pallets high. Move containers by handles or case. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled follow these steps:

1. Contain spill, absorb with a material such as saw dust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with water and scrap to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place a leaking container in a plastic tub and transfer contents as soon as possible to an empty original container.
6. Do not allow run off to enter sewer or contaminate water supplies.
7. Dispose of waste as indicated below:

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY—CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemical not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. In no case shall Drexel Chemical Company or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

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