

PM 21 2935-92

ACCEPTED

NOV 17 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, this pesticide
is registered under
Reg. No. 2935-92



WILBUR-ELLIS

SPRAY SULFUR

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: A) Long sleeved shirt; B) Long pants; C) Waterproof gloves; D) Shoes plus socks; E) 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.

ENVIRONMENTAL HAZARDS

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. Do not apply when weather conditions favor drift from treated areas.

PHYSICAL HAZARD

Sulfur dust suspended in air ignites easily. 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.

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), notification to workers 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 workers 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: A) Coveralls; B) Waterproof gloves; C) Shoes plus socks; D) Protective eyewear.

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. **General:** Store in original container only and keep sealed. Store in enclosed storage areas. Use caution when moving, opening, closing or pouring.

ACTIVE INGREDIENT:
Sulfur
INERT INGREDIENTS

By Wt.
97.0%
..... 3.0%
TOTAL 100.0%

EPA Reg. No. 2935-92-AA

EPA Est. No. 2935-CA-1

KEEP OUT OF REACH OF CHILDREN!

CAUTION:

STATEMENT OF PRACTICAL TREATMENT

If In Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

If On Skin: Wash with plenty of soap and water. Get medical attention.

100% Sulfur

Some burning of plant foliage may occur when used during warm weather.

Sulfur will cause severe fruit and leaf injury to sulfur sensitive crops. Use only as directed on label.

Do not apply when shade temperatures exceed or are likely to exceed 90°F. Sulfur may burn foliage applied during periods of high temperature and under certain climatic conditions. Do not use sulfur within 30 days of an oil spray. If this occurs, if the crop to be treated will be used for canning or freezing purposes, consult food processor before applying sulfur.

Pour recommended amount of this material through screen on surface of water in nearly full spray tank. Add water to a bucket half filled with water and pour mixture into nearly filled spray tank. Add balance of water to fill tank. Keep spray tank clean during mixing and spraying operations. Do not allow mixture to stand. Do not use in low-volume gear-type spray equipment. Do not mix with emulsifiable liquids in the same tank.

This product is formulated for application by ground or air equipment.

Consult with State Agricultural Experiment Station or State Agricultural Extension Service regarding specific information consistent with label cautions and directions.

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

Do not apply this product through any type of irrigation system.

DILUTE GROUND APPLICATION:

- A. Orchard Application — Apply specified rate in 100 to 800 gallons of water per acre.
- B. All Other Applications — Apply specified rate in 20 to 60 gallons of water per acre.

CONCENTRATED GROUND APPLICATION:

- A. Orchard Application — Apply specified rate in 20 to 100 gallons of water per acre.
- B. All Other Applications — Apply specified rate in not less than 5 gallons of water per acre.

AERIAL APPLICATION:

- A. Orchard Rates — Should not be applied in less than 10 gallons of water per acre.
- B. All Other Applications — Apply specified rate in 5 to 20 gallons of water per acre.

(continued on next page)

SPRAY SULFUR (continued)

RECOMMENDATIONS FOR USE

ALFALFA: LYGUS PACIFIC AND STRAWBERRY (ATLANTIC) MITES — Use 10-20 lbs. per acre. Repeat at 1-2 week intervals.

ALMONDS: BROWN ROT, SCAB, SHOTHOLE — Use 8-10 lbs. per acre in pre-bloom bloom, and post-bloom periods. Apply when disease threatens or during rain periods and repeat at 7-10 day intervals. (BROWN ALMOND, EUROPEAN RED TWO-SPOTTED, PACIFIC AND STRAWBERRY (ATLANTIC) MITES — Use 12-25 lbs. per acre. Apply when infestation first occurs and repeat as necessary.

APPLES: SCAB, POWDERY MILDEW — Apply 8-15 lbs. per acre from green tip or pre-blossom spray through second cover spray. Add 1 gallon lime sulfur in green tip 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.

BEANS: For the control of SPIDER MITE and POWDERY MILDEW use 8-15 lbs. per acre. Sulfur may injure certain varieties of beans. Begin application when disease first appears. Repeat as necessary.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES: POWDERY MILDEW — Use 23-38 lbs. per acre. Begin when new shoots are 6 inches long and before blossoms open. Repeat at 10 day intervals or as necessary.

BLUEBERRIES, HUCKLEBERRIES, Currants, GOOSEBERRIES: POWDERY MILDEW — Use 15-38 lbs. per acre. Begin when disease is expected to appear. Repeat at 7-10 day intervals or as necessary.

CARROTS: PETROBIA MITE, POWDERY MILDEW — Use 8-14 lbs. per acre. Apply when mites or disease first appear, and repeat as necessary.

CHERRIES: BLOSSOM BLIGHT, BROWN ROT, LEAF SPOT, POWDERY MILDEW — Apply 8-12 lbs. per acre. Begin in popcorn stage. Repeat at bloom, petal fall and in cover stages at 7-14 day intervals or when infestations of powdery mildew first appear and as a post harvest foliage treatment for LEAF SPOT.

CORN, SMALL GRAINS (BARLEY, OATS, RYE, WHEAT), SORGHUM, SOYBEANS: TWO-SPOTTED, GRASS BANKS, AND PACIFIC MITES, ATLANTIC MITE (SMALL GRAINS ONLY), POWDERY MILDEW — Use 6-14 lbs. per acre. Apply when disease first appears or when mites appear on bottom leaves, and repeat as necessary.

COTTON: For control of STRAWBERRY (Atlantic) MITES use 3 to 10 pounds per acre. For air applications, use 5 to 10 gallons of water per acre. For ground applications use 20 to 40 gallons per acre.

CITRUS: SIX-SPOTTED and CITRUS MITES — Apply 8 lbs. per acre. CITRUS FLAT and YUMA SPIDER MITES — Apply 60 lbs. per acre.

GRAPES: POWDERY MILDEW — Concentrate Spray — 2-5 lbs. per acre in sufficient water for coverage. Dilute Spray — 2-5 lbs. per 100 gallons depending on the amount of foliage present and severity of infestation. Apply when shoots are 1½"-3" long, repeat before blossoms open and continue as necessary on a 7-10 day cycle.

NOTE: Concord and other Labrusca type grapes may be injured by sulfur. Sulfur can cause injury to foliage and fruit on all varieties when applied just before or on days when temperatures exceed 100 degrees.

The amount per acre may be reduced during periods of high temperatures to reduce burning. In some counties there is a 3 day re-entry period when using sulfur. Consult your local county agricultural commissioner.

MELONS: POWDERY MILDEW — Use 10-24 lbs. per acre. Treat when disease first appears. Repeat as necessary. Powdery Mildew may be controlled by sulfur, but sulfur often injures the vines, particularly if the temperature reaches 95°F. DO NOT USE ON SULFUR SENSITIVE VARIETIES.

ONIONS: PETROBIA MITE, POWDERY MILDEW — Use 4-19 lbs. per acre. Begin when disease or mites first appear and repeat as necessary.

PEACHES and NECTARINES: BROWN ROT, CORYNEUM BLIGHT, RUST, PEACH SILVER MITE, POWDERY MILDEW — Apply 10-18 lbs. per acre from popcorn stage up to harvest. For BROWN ROT control in summer sprays apply up to 30 lbs. per acre starting about 4-5 weeks before harvest and continuing at weekly intervals.

PEANUTS: RUST — Use 3-11 lbs. per acre. Begin application approximately 6 weeks after planting. Repeat at 7-10 day intervals as long as Rust control is required.

PEARS: SCAB, POWDERY MILDEW — Apply 8 lbs. plus 1 gallon lime sulfur per acre in the green tip or pre-blossom spray. On Bartlett pears apply 8-18 lbs. at petal fall through second cover sprays. Sensitive varieties (e.g., Anjou, Comice) under certain climatic conditions may be injured by sulfur.

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PEAS: POWDERY, MILDEW, RUST, SPIDER MITES — Use 4-9 lbs. per acre. Begin when disease or mites first appear. Repeat at 7-10 day intervals.

PISTACHIOS: CITRUS FLAT MITE — Use 50 lbs. per acre. Apply when mites first appear and repeat as necessary.

PLUMS, PRUNES: BROWN ROT, PRUNE RUST — Apply 10-18 lbs. per acre in summer sprays. Make last application about 5 weeks before harvest and thereafter at weekly intervals if wet weather occurs.

POTATOES: POWDERY MILDEW, TWO-SPOTTED SPIDER MITE — Use 4-9 lbs. per acre. Apply when disease or mites first appear. Repeat at 3-4 week intervals or as necessary.

STRAWBERRIES: POWDERY MILDEW — Apply 4-15 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.

SUGAR BEETS: POWDERY MILDEW — Apply 8 to 10 lbs. per acre in 40 to 50 gallons of water. Apply when disease first appears. Repeat applications at 3- to 4-week intervals or as necessary.

TOMATOES: TOMATO RUSSET MITE — Apply 8 to 10 lbs. per acre in sufficient water for thorough coverage. May be applied with ground equipment or aircraft, depending on local conditions.

ORNAMENTALS

FOR ORNAMENTAL CROPS: BLACK SPOT, POWDERY MILDEW, RUST — Apply 5-6 lbs. per 100 gallons (or 3 tablespoons per gallon). Spray for full coverage wetting both sides of leaves. Begin when disease appears and repeat at 5-10 day intervals and after rain.

ASTERS, CARNATIONS: For control of Powdery Mildew and Rust.

CALENDULAS, CEDARS, CHERRY LAURELS, CHRYSANTHEMUMS, HOLLYHOCK, JUNIPER, SMILAX, SPRUCE: For control of Leaf Spot and Powdery Mildew.

CLEMATIS, COLUMbine, ENGLISH IVY, LAUREL, PETUNIA, SAGE: For control of Leaf Spot.

COSMOS, CREPE MYRTLE, DAHLIA, DELPHINIUM, DOGWOOD, EUONYMUS, GLADIOLUS, GOLDEN FLEECE, HIBISCUS, HOLLY, LADY'S MANTLE, LIGUSTRUM, LILAC, POPLARS, SILVER VINE, SPIREA, SUNFLOWER, SWEET PEA, VERBENA, VIOLETS, WILLOWS, ZINNIAS: For control of Powdery Mildew.

ROSES: For control of Black Spot, Powdery Mildew, Rust.

NOTICE: The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guarantee or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

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In Case of Emergency, Call CHEMREC: (800) 424-9300



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PAPAYAS: For control of MITES*, use six pounds of Spray Sulfur in 100 gallons of water by ground application. Apply when mites first appear and repeat as necessary to maintain control. Do not apply in combination with emulsifiable pesticide formulations since foliar injury may occur. May be applied up to 24 hours before harvest. Do not apply to low vigor, moisture stressed plants. Do not apply prior to or during periods of excessively high temperatures, unseasonably low rainfall or within two weeks of an oil spray.