

548-21 1056

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 5481-122	DATE OF ISSUANCE MAY 19 1986
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Dusting Sulfur 48	

NOTICE OF PESTICIDE: ☐ REGISTRATION
☒ REREISTRATION
(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

<input type="checkbox"/>	<input type="checkbox"/>	656 169909
Amvac Chemical Corp.		17 1
4200 East Washington Boulevard		
Los Angeles, CA 90023		
<input type="checkbox"/>	<input type="checkbox"/>	

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based upon your request to the Registration Standard Guidance package, EPA has reregistered the product listed above. This registration is granted under the authority of FIFRA section 3(d), as amended.


The labeling referred to above, submitted in connection with registration under FIFRA, is acceptable except for the comments listed below. Five copies of the finished labeling must be submitted.

1. Delete "May cause irritation of nose, throat, or skin."
2. Add "Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse" to the Human Hazard section.
3. Change the reentry statement to read "Do not enter treated area for 24 hours unless appropriate protective clothing is worn."
4. On page 3 under "How Much to Use," change "cover sprays" to a more appropriate phrase. Delete the specific dosage rates in this section since the rates are not applicable to all crops. The terms "lower rates" and "higher rates" would be sufficient in this section.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL *Henry M. Jacoby* **DATE** 5/19/86

5. For squash, assure that the proposed dosage range is correct. Your previous label had a range of 15 to 20 lb/acre whereas this label states 15 to 30 lb/acre. If the higher rate is intended, justify the need for the increased rate.
6. Delete the term "Bushberries" or clarify this entry. The crops listed are both bushberries (blueberries and currants) and caneberries (blackberries, raspberries, loganberries).
7. Under ornamentals, note that delphinium is repeated and dogwood has been deleted.



Henry M. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767C)



ACCEPTED
with COMMENTS
in EPA Letter Dated:

REREGISTERED
MAY 19 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
5481-122

DUSTING SULFUR 98

FUNGICIDE - MITICIDE

FOR USE ON VEGETABLES AND FRUIT AS LISTED

SUGAR BEETS - SEED ALFALFA - COTTON - CITRUS - ORNAMENTALS

ACTIVE INGREDIENT:

Sulfur	98.0%
INERT INGREDIENTS:	2.0%
Total 100	

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with soap and water. Get medical attention.
IF IN EYES: Flush eyes with flowing water for at least 15 minutes.
Get medical attention if irritation persists.

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente"

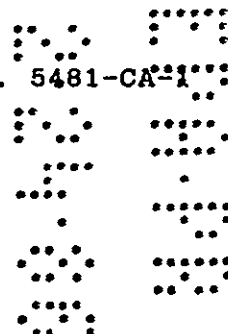
SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 5481-122-AA

EPA EST. NO. 5481-CA-1

NET WEIGHT 50 POUNDS

AMVAC CHEMICAL CORPORATION
4100 EAST WASHINGTON BLVD
LOS ANGELES CA 90023



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed, inhaled, or absorbed through the skin. Avoid inhalation of dust. May cause irritation of nose, throat or skin. Avoid contact with eyes, skin and clothing.

RE-ENTRY AND WORKER SAFETY 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 until sprays have dried. 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 treated areas or in an area to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental 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. Written warnings must include the following information:

CAUTION: Area treated with DUSTING SULFUR 98 on (Date) _____. Do not enter without appropriate protective clothing for 24 hours. In case of accidental exposure refer to STATEMENTS OF PRACTICAL TREATMENT or other Precautionary Statements on DUSTING SULFUR 98 product label. EPA Reg. No. 5481-122.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply directly to any body of water. Do not apply when weather conditions favor drift from areas treated. Do not apply where run-off is likely to occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Sulfur will cause severe fruit and leaf injury to "sulfur-sensitive" crops. Do not use on apple varieties (McIntosh, Golden Delicious, and Jonathan), Apricots, Anjou and Comice Pears, Cranberries, Cucurbits, (cucumbers, and some varieties of Melons and Squash), Filberts, Spinach, Tung Trees, Walnuts and do not use on any crop unless sulfur has been shown to be safe for that crop in your locality.

Except on Cotton do not apply when shade temperatures during or within 3 days, exceed, or are likely to exceed, 90°F. Sulfur may burn foliage and fruit during periods of high temperatures (90°F+) and under sunny & high humidity weather conditions.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled, closed container in a cool, "out-of-the-sun", dry, locked place out of reach of children. **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 (Cont.)

WHEN TO USE - Apply to crops as needed in season when mites or diseases first appear and/or when mite "buildup" and plant disease damage is eminent. Repeat every 7 to 14 days or as directed for continued control. Contact your State Agricultural Extension Service for crop dusting schedules giving the proper timing to make applications in your locality.

HOW MUCH TO USE - Use the lower rate - (therefore 15 lbs.) of the 15 to 20 pound rate per acre or as indicated, during period of minimal to moderate disease or insect infestation, for regular season cover sprays and as treatments are necessary when temperatures are at, and above 90°F. Use the higher rate, (therefore 20 lbs.) when mites or diseases are damaging the crop and weather conditions are favorable for their continued plant damage and when temperatures will not exceed 90°F within the following 3 days after spraying. Sulfur will burn most plants in sunny 95°F temperatures.

IMPORTANT

In order to obtain effective mite and disease control, both the upper & lower sides of plant foliage and fruit must be thoroughly dusted with DUSTING SULFUR 98. Poor coverage will result in poor mite and disease control. If the crop to be treated will be used for canning or freezing purposes or processing consult the food processor before applying sulfur. Do not apply within 30 days of an oil spray for all crops (60 days on CITRUS).

VEGETABLES

BEANS: For POWDERY MILDEW, & SPIDER MITES use 15 to 20 lbs. per acre. Do not apply to varieties susceptible to sulfur injury.

See paragraph on WHEN TO USE.

CARROT: For the PETROBIA MITE use 30 to 40 lbs. per acre as needed.

See paragraph on WHEN TO USE.

MELONS: For POWDERY MILDEW use 15 to 20 lbs. per acre. For SPIDER MITES use 20 to 40 lbs. per acre. Do not apply to varieties susceptible to sulfur injury. See WHEN TO USE.

ONION, & GARLIC: For the PSTROBIA MITE use 25 to 30 lbs. per acre.

See above paragraph WHEN TO USE.

SQUASH: Summer or Winter - For POWDERY MILDEW use 15 to 30 lbs. per acre. Begin when first true leaves appear. Repeat at weekly intervals. Do not apply to varieties susceptible to sulfur injury. See paragraph on WHEN TO USE.

(R) TOMATO: For the RUSSET MITE use 30 to 40 lbs. per acre. If crop is being grown with the aid of stakes or poles, apply 10 to 13 lbs. per acre per foot of average plant height. (Plants 4 Ft. height = 40 to 52 total lbs./acre.)

FRUIT

APPLE: For APPLE SCAB use 30 to 35 lbs. per acre at "Green Tip" and again at "Pink Bud". Pink bud treatments will also control POWDERY MILDEW. Do not apply during or shortly before frost conditions. See paragraph on WHEN TO USE and follow schedules furnished by Extension Service.

BUSHBERRIES: For Blackberries, Blueberries, Raspberries, Loganberries, & Current for POWDERY MILDEW use 15 to 20 lbs. per acre during the pre-harvest season. See above paragraph on WHEN TO USE.

CHERRY: For BROWN ROT use 40 to 50 lbs. per acre applied 2 to 3 weeks before harvest. See paragraph on WHEN TO USE.

GRAPES: For POWDERY MILDEW use 15 to 20 lbs. per acre when new shoots are 6, 12 & 18 inches long. Thereafter, repeat each 10 to 14 days to harvest. For RUST apply 15 to 20 lbs. per acre. Begin when new shoots are 6 inches long. Repeat before blossoms open & continue as necessary. **NOTE:** Concord & Labrusca type grapes may be injured by Sulfur. Do not apply if temperatures during or shortly after treatment are expected to exceed 100°F. See RE-ENTRY AND WORKER SAFETY STATEMENT on this label.

FRUIT (Cont.)

FIG: For FIG RUST MITE use 40 lbs. per acre in the spring and again in the early summer. See paragraph on WHEN TO USE.

PEACH, NECTARINE: For POWDERY MILDEW use 50 lbs. per acre at petal fall, 2 weeks later and again at beginning of pit-hardening. For RUST, & POWDERY MILDEW use 50 lbs. per acre after pit-hardening. For PEACH SILVER MITE use 25 to 35 lbs. per acre after thinning. For Brown Rot use 50 to 60 lbs. per acre 4 weeks pre-harvest and again 2 weeks later. See RE-ENTRY AND WORKER SAFETY STATEMENT on this label.

PLUM, PRUNES: For BROWN ROT, & PRUNE ROT use 30 to 35 lbs. per acre 5 weeks before harvest. Repeat each 7 days if wet weather prevails and disease threatens during the period prior to harvest.

STRAWBERRY: For Powdery Mildew use 10 to 20 lbs. per acre pre-harvest. See paragraph on WHEN TO USE. See RE-ENTRY STATEMENT.

FIELD CROPS & CITRUS

ALFALFA: (Grown For Seed) - For ATLANTIC MITE use 15 to 40 lbs. per acre when first observed in flower heads and before defoliation of more than the bottom leaves has occurred. Repeat as needed throughout seed-set. May cause some flower burn. Use low rate on immature plants.

COTTON: For the ATLANTIC MITE use 45 to 50 lbs. per acre when first observed and before defoliation has occurred. Repeat as needed. See RE-ENTRY AND WORKER SAFETY STATEMENT on this label.

CITRUS: For SIX SPOTTED MITE, & CITRUS RUST MITE use 80 lbs. per acre in November to June. For the CITRUS FLAT MITE use 100 lbs. per acre from October to June. For YUMA MITE use 100 lbs. per acre from October to March 15 Refer to WHEN TO USE - HOW MUCH TO USE.

For CITRUS THRIPS use 100 lbs. per acre at Mid-March, Petal-fall and again 2 to 4 weeks later. Do not apply within 2 months of an oil spray. See RE-ENTRY AND WORKER SAFETY STATEMENT on this label.

SUGAR BEETS: For SPIDER MITES use 45 to 50 lbs. per acre. For POWDERY MILDEW use 25 to 50 lbs. per acre. For PUCCINIA RUST use 7½ to 12½ lbs. per acre. Apply at the first signs of disease. Repeat at 7 to 10 day intervals. This product may be applied by ground or air. Use the higher rate when applying by air. The use of this product in hot weather 90°F may cause foliage burn. See paragraph on HOW MUCH TO USE & RE-ENTRY STATEMENT.

ORNAMENTALS

Use 45 to 50 lbs. per acre For POWDERY MILDEW of Alder, Azalea, Buttonbush, Catalpa, Chrysanthemum, Dahlia, Delphinium, Delphiniums, Honeysuckle, Horse Chestnut, Hydrangea, Lilac, Linden, Matrimony Vine, Phlox, Rhododendron, Rose, Staghorn Sumac, Sweetpea, Sycamore, Trumpet Vine, Witch-Hazel, Zinnia, RUSTS spp. of Aster, Carnation, Chrysanthemum, Rose, and Snapdragon. Make full coverage applications on both sides of leaves. Begin before disease appears. Repeat at 7 to 10 days intervals. See WHEN TO USE.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes the risk of any such use.