

10244
JUL 27 1993

Mr. H.R. McLane
Authorized Agent
7210 Red Road, Suite 206
Miami, Florida 33143-5321

Dear Mr. McLane:

Subject: Wettable Sulfur
EPA Registration No. 5481-167
Your Submission on July 27, 1992
Application for Reregistration

The application referred to above, submitted in connection with reregistration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended has been reviewed. Your labeling is acceptable, however, you must make the following labeling changes listed below before you release the product for shipment, bearing the amended labeling.

- a. In the Reentry and Worker Safety Statement the protective clothing indicated in the written statement at the end of this section must be revised to agree with the protective clothing stated in the beginning of the section.
- b. Under Environmental Hazards, change the first sentence to "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."
- c. The label must comply with PR Notice 87-1. Add "Do not apply this product through any type of irrigation system" or include appropriate directions for chemigation as stated in the PR Notice.

As a repack of EPA Reg. No. 10182-144 we cannot reregister your product until ICI Corporation has fully satisfied the reregistration requirements for its products.

(20)

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard. If any of your products are cover by this standards, you are required to submit, and receive the Agency's approval by April 21, 1994, a revised label reflecting the required label statements of 40 CFR 156, published in the **FEDERAL REGISTER** on August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156, subpart K "No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994." Please call 1-800-777-2185 if you have any labeling questions regarding the Worker Protection Standard.

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

Sincerely yours,

Clarence O. Lewis, III
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

ACCEPTED
with COMMENTS
(in EPA Letter Dated:

27 1993

Under the Fungicide, Insecticide, and Plant Growth Regulator Act as amended, for the pesticides registered under FIFRA 1972

5481-167

WETTABLE SULFUR

AGRICULTURAL INSECTICIDE - FUNGICIDE

Wettable Sulfur For Mixing With Water

FOR USE ON COTTON - APPLES - CITRUS - GRAPES - PEARS - PEACHES - STRAWBERRIES - ORNAMENTALS - ROSES - SHRUBS

ACTIVE INGREDIENT: Sulfur -	97%
INERT INGREDIENTS:	3%
	Total 100%

KEEP OUT OF REACH OF CHILDREN CAUTION

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 en su idioma."

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 5481-167

EPA EST. NO. 5481-CA-1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed, inhaled, or absorbed through the skin. Avoid inhalation of dust or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin and clothing.

REENTRY 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 into treated areas until at least 24 hours after 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. 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. 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 WETTABLE SULFUR on (Date). Do not enter treated areas for 24 hours unless appropriate protective clothing is worn. In case of accidental exposure refer to STATEMENTS OF PRACTICAL TREATMENT or other Precautionary Statements on WETTABLE SULFUR product label..... EPA Reg. No. 5481-167. **PROTECTIVE CLOTHING** includes a hat or other suitable head covering, long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or swamps, bogs, marshes and potholes. Do not contaminate water when disposing of rinsate or equipment washwaters. Do not apply to areas where runoff is expected.

IMPORTANT

In order to obtain effective mite and disease control, lower sides of plant foliage and fruit must be thoroughly wetted with WETTABLE SULFUR. Poor coverage will result in disease control. If the crop to be treated will be used for processing consult the food processor before application. Apply within 30 days of an oil spray for all crops (80% coverage).

HOW TO MIX:

Pour recommended amount of this material through a strainer into a nearly filled tank, or premix in a bucket to be poured into a nearly filled spray tank. Add balance of water. Keep agitator running during filling and spraying operation. Mixture to stand. Do not use in low volume gear type sprayers. Do not combine with emulsifiable liquids in the same tank.

COTTON

For Atlantic Mite and Cotton Rust (*Puccinia staksmae*) use 3 to 10 lbs. Wettable Sulfur per 5 to 10 gallons of water. (45 to 50 lbs. sulfur/acre.) By ground equipment use 3 to 5 gallons of water. (45 to 50 lbs. sulfur/acre.) Apply when first appear and/or when plant damage is imminent.

APPLES

For Apple Scab and Powdery Mildew mix 4 to 5 lbs. per 100 gallons of water and apply from "Pink" or "Pre-Pink" blossom spray cover spray. Add 1 gallon "32 degree Baum" Lime Sulphur "Pink" and "Calyx" sprays. Use only on Sulfur Tolerant varieties. Use on McIntosh, Golden Delicious, or Jonathan.

CHERRY

For Blossom Blight Brown Rot, Leaf Spot and Powdery Mildew use 5 lbs. per 100 gallons of water and apply starting at first appearance and continue as spray schedule requires for additional applications.

CITRUS:

(Grapefruit, Lemons, Limes, Oranges, Tangerines, Citrus Citron, Kumquats, and hybrids)

It is a violation of Federal law to use this product in a manner inconsistent with the labeling. Before using this product see the Re-Entry and Worker Safety Statement on this label. Sulfur will cause severe fruit and leaf injury to "sensitive" crops. Do not use on apple varieties (McIntosh, Golden Delicious, (), (), Anjou and Comice Pears, Cranberries, Cucurbits, (cucumbers, squash and some varieties of melons.), 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 5 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.

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 imminent. Repeat every 10 to 14 days or as directed for continued control. Contact your State Agricultural Extension Service for spray schedules giving the proper timing to make applications in your locality.

HOW MUCH TO USE

Use the lower rate as indicated; during periods of minimal to moderate disease or insect infestation; for regular season scheduled sprays, and as treatments are necessary when temperatures are at, and above 90°F. Use the higher rate, as indicated 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 many plants when exposed to sunny 95°F+ temperatures.

NET WEIGHT 50 POUNDS

AMVAC CHEMICAL CORPORATION
4100 EAST WASHINGTON BLVD - LOS ANGELES CA 90023 U.S.A.

gallons of water. (100 lbs. sulfur per acre.)

GRAPES

For Powdery Mildew (eradicate), mix 2 lbs. per 100 gallons water plus a suitable approved wetting agent used at recommended rates. Care should be taken to wet all surfaces from which fungus is to be eradicated. Apply when Mildew first appears and repeat as needed and/or at 10 to 14 day intervals.

PEARS

For Scab and Powdery Mildew mix 4 lbs. plus 1 gallon "32 degree Baum" Lime Sulfur Solution per 100 gallons of water. In the "Pink" or "Prebloom" spray. On Bartlett pears, apply 4 to 6 lbs. at "Petal Fall" through second cover sprays.

PEACH, NECTARINE

For control of Brown Rot, Coryneum Blight, Rust, Peach Silver Mite, and Powdery Mildew mix 5 to 6 lbs. per 100 gallons of water and apply from "Popcorn" stage up to harvest. For Brown Rot control in summer sprays apply up to 10 lbs. per 100 gallons of water starting about 4 to 5 weeks before harvest and continuing at weekly intervals.

PLUM, PRUNE

For Brown Rot, Leaf Spot, and Prune Rust mix 5 to 6 lbs. per 100 gallons water and apply in summer sprays, starting about 5 weeks before harvest.

STRAWBERRIES

For Powdery Mildew mix 1 to 5 lbs. per 100 gallons water. Apply when Mildew first shows and continue on a 10 to 14 day interval or as needed for control. Discontinue applications during hot weather.

ORNAMENTALS

Such as Roses, Perennial Flowers and Shrubs For control of Black Spot, Powdery Mildew and Rust mix 3 level tablespoonfuls per gallon of water (6 lbs. per 100 gallons water) 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.

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. (5481-167.PM4/07-01-92)

BEST AVAILABLE COPY

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