



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 27, 2024

Robert C. Ehn
Regulatory Agent
Agro Valley Enterprises, Inc.
1169 W. San Jose
Fresno, CA 93711

Subject: Label Amendment – Label updates including resistance management language and additional directions for use on weeping berries
Product Name: Zinc Coposil Sulfur 15-30 Dust
EPA Registration Number: 74307-1
Application Date: 03/15/2022
Case Number: 476887

Dear Robert C. Ehn:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find

or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Senedu Alemu at Alemu.senedu@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to be 'Stephanie N. Suarez', with a long horizontal flourish extending to the right.

Stephanie N. Suarez, Ph.D.
Acting Product Manager 21
Fungicide Branch
Registration Division (7505T)
Office of Pesticide Programs

Enclosure

ACCEPTED
 03/27/2024
 Under the Federal Insecticide, Fungicide
 and Rodenticide Act as amended, for the
 pesticide registered under
 EPA Reg. No. 74307-1

COPPER	GROUP	M1	FUNGICIDE
SULFUR	GROUP	M2	FUNGICIDE

ZINC COPOSIL[®] SULFUR 15-30 DUST

ACTIVE INGREDIENT:

Sulfur 30.00%
 Copper Oxychloride* 15.00%

OTHER INGREDIENTS: 55.00%

TOTAL: 100.00%

*Metallic copper equivalent 8.9% (CAS No. 1332-65-6)
 Metallic zinc equivalent 8.5% derived from basic zinc salts

KEEP OUT OF REACH OF CHILDREN
CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
 (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by the poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably to mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 Monday through Friday, 7:30 am to 3:30 pm Pacific Time. During other times, call the Poison Control Center at 1-800-222-1222.</p>	

See page two for additional precautionary statements.

EPA Reg. No. 74307-1 EPA Est. No. 66196-CA-1

Manufactured for:
AGRO VALLEY ENTERPRISES, INC.
P.O. Box 27943
Fresno, CA 93729-7943

NET CONTENTS ____ LBS ____ KG

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below.

Mixers, loaders, applicators and other handlers must wear:

- long-sleeved shirt and long pants,
- chemical-resistant gloves made of any waterproof material,
- shoes plus socks, and
- protective eyewear.

Discard clothing and other absorbent material that have been heavily contaminated with the concentrate product. **DO NOT** reuse them.

User Safety Requirements

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated area. **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 wash water or rinsate.

PHYSICAL HAZARDS

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

SPRAY DRIFT

Ground Applications:

- Apply with the release height specified by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

DO NOT allow dust to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

For orchard/vineyard applications, **DO NOT** direct dust above trees/vines and shut off application at row ends and toward outer rows. Apply only when wind speed is 3-10 mph at the application site as measured by an anemometer outside of the orchard/vineyard on the upwind side.

The applicator also must use all other measures necessary to control drift.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.** Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

State and Local Requirements: The following conditions must be followed when using this product in the state of California for both ground and air applications:

1. The operator of the property and the applicator must establish a buffer zone of enough distance to prevent drift onto non-target areas for example hospitals, clinics, schools, residential areas and any other area designated by the county agricultural commissioner.
2. The operator of the property and the applicator must evaluate the method and equipment for each site to ensure proper and safe use. Evaluations shall include, but not be limited to, the appropriateness of ground or air applications.
3. **DO NOT** apply Sulfur when the wind velocity exceeds 10 mph. Applicators must be aware that in some areas, "dead calm" conditions are often associated with an inversion situation. In these areas, applying sulfur when there is a minimum air movement of 2 miles per hour will ensure that an inversion situation does not exist.
4. When applying product, best application practices must be utilized. Contact your local pest control advisor or county cooperative extension advisor to obtain information regarding best application practices.
5. Applications of sulfur must not be made just prior to or during periods of high summer temperatures. **DO NOT** make applications within 2 weeks of an oil spray.

RESISTANCE MANAGEMENT

For resistance management, please note that Zinc Coposil Sulfur 15-30 Dust contains both a Group M1/ Copper and Group M2/ Sulfur fungicide/bactericide. Any fungal/bacterial population may contain individuals naturally resistant to Zinc Coposil Sulfur 15-30 Dust and other Group M1 or Group M2 fungicides/bactericides. A gradual or total loss of pest control may occur over time if these (fungicides/bactericides) are used repeatedly in the same fields. Appropriate resistance-management strategies must be followed.

To delay fungicide/bactericide resistance, take one or more of the following steps:

- Rotate the use of Zinc Coposil Sulfur 15-30 Dust or other Group M1 and M2 fungicides/bactericides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide/bactericides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide/bactericide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM guidance for specific crops and pathogens.
- For information, or to report suspected resistance, contact your pesticide distributor or university extension specialist.

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) 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 worker entry into treated areas during the restricted entry interval (REI) of 48 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, including plants, soil, or water, is coveralls over long-sleeved shirt and long pants, socks and shoes, goggles or face shield, and chemical-resistant gloves made of any waterproof material.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal of this product.

PESTICIDE STORAGE: Store in original container only and keep sealed. Store in a cool, dry, well-ventilated area.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Nonrefillable Container (flexible-bag-all weights): Nonrefillable container. **DO NOT** reuse or refill this container. 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. Offer for recycling, if available.

PRODUCT INFORMATION

Apply specified amounts when air is calm, using ground equipment or hand duster. Applications of material containing sulfur must not be made just prior to or during periods of high summer temperatures. Concord and other Labrusca type grapes may be injured by sulfur. Consult your local Agricultural Extension Service for additional information consistent with directions on this label. **DO NOT** mix or dilute with other products. Thorough coverage is essential.

GRAPES: Powdery mildew, Bunch rots - Use 20-25 lbs. (6 – 7.5 lbs. sulfur) (1.78 lbs. – 2.2 lbs. metallic copper equivalent) per acre. Apply when grapes start to touch. Repeat at 3 to 10 day intervals. Applications must be applied before the disease appears.

Weeping Berries: For use as a preharvest aid for reducing yield loss due to juice weeping from grape berries bursting in overly tight bunches, apply 20-25 lbs. (6 – 7.5 lbs. sulfur) (1.78 lbs. – 2.2 lbs. metallic copper equivalent) per acre. For best results, apply by ground to every row for thorough coverage.

Restrictions:

- **DO NOT** apply more than 25 lbs. (7.5 lbs. sulfur) (2.2 lbs. metallic copper equivalent) per acre per application.
- **DO NOT** apply more than 225 lbs. (67.5 lbs. sulfur) (20 lbs. metallic copper equivalent) per acre per year.
- **DO NOT** make more than 9 applications per year.
- Minimum retreatment interval is 3 days.

NOTICE: Seller warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Seller neither makes nor authorizes any agent or representative to make any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, expressed or implied, concerning this material. Critical and unforeseeable factors beyond the control of Seller prevent it from eliminating all risk in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. To the extent consistent with applicable law, buyer and user acknowledge and assume all risks and liability (except those assumed by Seller above) resulting from handling, storage, and use of this material.

Rev/03/26/24