

PROTEIN AVEL

DIRECTIONS FOR USE

For a complete list of the total available fungicide production and bactericide production, see the label.

DIRECTIONS FOR MIXING AND SPRAYING

Before Using, Stir Until Smooth

Use the tank and amount of spray liquid specified on the label. Keep agitator running during filling and spraying operations. Do not allow the agitator to stand for long periods. If the agitator will cause the TOP COP with Sulfur to settle and may necessitate additional stirring, stir before use.

Unless otherwise specified for specific crops, dosage rates are given in quarts of TOP COP with Sulfur per acre. For field and ornamental crops and in quarts per 100 gallons for fruit and nut trees, spray application can be made by ground or aerial spray equipment. Aerial sprays should be applied with a minimum spray volume of 10 gallons per acre.

APPLICATION THROUGH SPRINKLER IRRIGATIONS SYSTEMS

FIELD CROPS

FOR IRRIGATION SYSTEM APPLICATION, INJECT DIRECTLY IN SYSTEMS AT OR NEAR IRRIGATION PUMP

Portable or Solid Set Systems: Apply during first 15 minutes of irrigation period.

Center Pivot Systems: Apply during last full revolution of the system with a fixed minimum water setting and constant speed of movement.

Control Rate System: by adjusting the injector to deliver product at the desired rate using the following equation to calculate amount required:

Area to be treated (ac)	Acres to be treated (ac)	Quarts of TOP COP with Sulfur required per acre (qt/ac)	Quarts of TOP COP with Sulfur to be injected per minute
Number of Hours to complete cycle of cover area	x	60	=

Apply only through properly maintained irrigation systems having continuously moving laterals and providing uniform distribution of water where a system does not provide uniform water distribution, such as at the extreme ends of the lateral, around supports or where extreme changes in elevation occur. Unacceptable disease control may occur. Because of uneven distribution of treated discharge water from water-powered motors, pesticide application through water-powered systems is not recommended.

Apply only through irrigation systems containing (a) anti-siphon and check valves to prevent water source contamination and overflow and siphoning of the pesticide tank, and (b) interlocking controls between the filtering device and the water pump, to insure simultaneous shut-off.

Inject the product directly with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing.

Application of high amounts of irrigation water and further operation of the system before several days have elapsed after the spray dries may result in decreased product performance by removing the pesticide from the zone of effectiveness.

Do not apply when wind speed favors drift, when systems connections or fittings leak, when nozzles do not provide uniform distribution, or when lines containing the product must be disinfected or cleaned. Use of low trajectory angle sprinklers or other devices will decrease the likelihood of drift.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of nose, throat or skin. Avoid contact with eyes, skin and clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

USE PRECAUTIONS

Some plants are susceptible to injury from sulfur under certain climatic conditions. The user is advised not to use sulfur on any crop unless local use has proved that sulfur is safe in that locality.

During periods of high temperature, sulfur may burn foliage and fruit and lower rates should be used. Do not make sulfur applications at excessively high temperature. Do not use TOP COP with Sulfur with oil or within 4 weeks of an oil application unless as a dormant spray.

The strong adhesive properties of TOP COP with Sulfur act as a sticker on the plant, and the sticking characteristic necessitates the flushing of equipment with water after each day's use. Sulfur, in any form, is a corrosive material. To reduce the effect, equipment should be flushed daily. Do not use in aluminum tanks.

TOP COP with sulfur

Flowable Fungicide/Bactericide

ACTIVE INGREDIENTS:

- Sulfur* 50.0%
- Copper* (in basic copper sulfate) expressed as metallic 4.4%

INERT INGREDIENTS: 45.6%

TOTAL 100.0%

* Derived from Elemental Sulfur and Tri-basic Copper Sulfate (4:1)

KEEP OUT OF REACH OF CHILDREN

CAUTION:

If Swallowed: Induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person. Get medical attention. If on Skin: Wash thoroughly with soap and water. Get medical attention. If in Eyes: Wash eyes with plenty of clear water for at least 15 minutes. Get medical attention. See left side panel for additional precautionary statements.

Manufactured by

STOLLER CHEMICAL COMPANY, INC.
8582 KATY FREEWAY, SUITE 200
HOUSTON, TEXAS 77024
713/461-2910

EPA REG. NO. 22551-3
EPA EST. NO.
NET CONTENTS: 5 GALLONS
NET WEIGHT: 55 POUNDS

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Dispose of bags according to approved Federal, State or local procedures under the Resource Conservation and Recovery Act.

BACK PANEL

DIRECTIONS FOR USE

Unless otherwise specified, use the high coverage rate for diseases that are great use the low rate if disease is light or moderate.

Crop	Disease Controlled	Amount	Application Guide	Crop	Disease Controlled	Amount	Application Guide
FIELD AND VEGETABLE CROPS				FRUIT-TREE AND NUT CROPS			
Peanuts	Early and Late Leaf Spot Hust	2 to 3 quarts/A	Begin application 40 to 60 days after planting. Use the high coverage rate every 10 to 14 days.	Apples	Scab Brown Rot	2 to 4 quarts/100 gallons	Apply during wetting bud stage to early bloom stage (prior to 10% bud opening) apply prior to 50% bloom or after 1 leaf.
Soybeans	Red and Stem Blight Cercospora Leaf Spot Anthracnose, Brown Spot	2 quarts/A	Make first application when pods are 1/2 inch long. Apply every 10 to 14 days. A second application 10 to 14 days later will help throughout the growing season if they reduce the severity of disease.	Ornamentals	Scab Brown Rot	4 to 6 quarts/100 gallons	Apply as delayed dormant or shortly after bud break. Avoid spraying when cool as injury may occur.
Rice	Blast, Brown Leaf Spot, Narrow Brown Leaf Spot, Stem Rot, Leaf Smut, Brown Bordered Leaf Sheath Spot, Sheath Blight	2 quarts/A	Apply as a beginning of panicle initiation and repeated at 14 day intervals thereafter if disease severity.	Citrus	Brown Rot	4 quarts/100 gallons	Begin application in fall just before just after first heavy rains.
Sugar beets	Cercospora Leaf Spot Powdery Mildew	2 to 4 quarts/A	Begin application before first appearance of disease. Repeat at 10 to 14 day intervals until 6 to 8 treatments.	Peaches	Fire blight	2 quarts/100 gallons	Apply at 10% bloom and continue every 5 to 7 days throughout bloom. Use only where prior use shows satisfactory results.
Beans	Mildew, Rust and Halo Bright	2 quarts/A	Begin application when first disease first appears.	Plums	Early Mildew, Downy Mildew	4 quarts/100 gallons	Apply as a wetting spray as a preventive after planting but before training. After training treat at 10 day intervals until 6 to 8 weeks before harvest.
Tomatoes	Early and Late Blight, Mildew, Septoria Blight, Anthracnose, Bacterial Speck, Bacterial Spot, Cercospora Leaf Spot (Fry Eye), Bacterial Spot, Anthracnose	2 to 3 quarts/A	Begin application when appearance of first disease. Repeat at 7 to 10 day intervals until first heavy rain.	SEED TREATMENT			
Peppers	Cercospora Leaf Spot (Fry Eye), Bacterial Spot, Anthracnose	2 quarts/A	Begin application when appearance of first disease. Repeat at 7 to 10 day intervals until first heavy rain.	Almonds	Scab Beech Blight	8 to 12 fluid ounces/100 pounds of seed	For plant boxes place in the seed treatment box and pour the recommended amounts of TOP COP with Sulfur over the surface and mix by stirring with a stick or paddle until seed is covered. Add remaining 2 quarts TOP COP and stir as outlined above.
Eggplant	Alternaria Blight, Anthracnose, Phomopsis	2 quarts/A	Begin application when appearance of first disease. Repeat at 7 to 10 day intervals until first heavy rain.	Treated seed should not be used for food or other purposes.			
Potatoes	Early and Late Blight	2 to 3 quarts/A	Apply every 7 to 10 days throughout the season. Use higher rate as with increase in disease.	NUTRIENT USE			
Spinach	Downy Mildew (Blue Mold) and White Rust	2 quarts/A	Apply at first appearance of disease and repeat at 7 to 10 day intervals if required for adequate control.	For large applications of sulfur, include 1/2 lb of zinc sulfate and 1 lb of copper for the plant nutrient requirements and should be considered in the total fertilizer application.			
COLE CROPS				NOTICE			
Broccoli, Cabbage, Cauliflower	Downy Mildew, Leaf Spot	2 quarts/A	Begin application when disease first appears. Repeat at 7 to 10 day intervals until 3 day intervals plus 1 time.	Read Carefully			
Carrots	Downy Mildew, Alternaria Leaf Blight, Cercospora Blight	2 quarts/A	Begin application when disease first appears and then every 7 to 14 days.	All applications of DACT should be made in accordance with the label. Buyer is subject to and buyer's attention is directed to the fact that the conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of the Seller.			
Beets	Downy Mildew	2 quarts/A	Begin application when disease first appears and then every 7 to 14 days.	WARRANTY LIMITATION Seller warrants that this product conforms to the chemical descriptions on the label and reasonably fit for the purposes referred to in the directions for use on the label, subject to the inherent risks referred to below.			
CUCURBITS				Seller does not warrant any other quality of the product and there are no warranties which extend beyond the description on the label. Thereof.			
Cucumbers, Squash, Watermelon, Cantaloupe, Muskmelon, Pumpkin	Downy Mildew, Powdery Mildew	2 to 3 quarts/A	Begin application when plants start to show disease. Repeat every 7 to 10 day intervals through season.	INHERENT RISKS The inherent risks of use of this product shall be deemed to be inherent and should be followed carefully. However, if a claim is made by a buyer associated with the use of this product, the liability shall be limited to the amount of the purchase price of the product.			
CAUTION: Cucurbit plants are sensitive to sulfur. Applications should be made during the day when temperature is below 80 degrees Fahrenheit. Do not apply to plants which are stressed or in bloom.				LIMITATION OF LIABILITY Seller shall not be liable for special, indirect or consequential damages resulting from the use of this product. The maximum amount shall be greater than the purchase price of the product.			