

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

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

USE PRECAUTIONS

Some fruits and other 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. When crops are intended for processing, consult with processor before applying sulfur.

During periods of high temperature sulfur may burn foliage and fruit. Do not make sulfur applications at excessively high temperatures. Do not use sulfur with oil or within 4 weeks of an oil application unless in a dormant, delayed dormant, or postharvest application.

When sulfur is used with arsenicals, lime should be added to prevent plant injury.

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: Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill or by incineration if permitted by State and local authorities.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DIRECTIONS FOR MIXING BEFORE USING, STIR UNTIL SMOOTH

• Pour recommended amount in partially filled spray tank. Keep agitator running during filling and spraying operation. DO NOT ALLOW MIXTURE TO STAND. Failure to maintain agitation will cause BIG 10 Flowable Sulfur to settle and may necessitate manual stirring to redispense. When used with dormant oil, add oil when tank is 1/2 full and maintain agitation until spraying is completed.

• The strong adhesive properties of BIG 10 Flowable Sulfur act as a sucker on the plant, and the sticking characteristic necessitates the flushing of equipment with water after each day's use. Sulfur in any form is corrosive material. TO REDUCE THE EFFECT, EQUIPMENT SHOULD BE FLUSHED DAILY.

(continued on right side panel)

That™ Big 10

FLOWABLE SULFUR CONTAINS 10 POUNDS SULFUR PER GALLON

ACTIVE INGREDIENT:

Sulfur 74%

INERT INGREDIENT(S): 26%

Total 100%

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 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.

THIS PRODUCT FREEZES AT 30° F.



MANUFACTURED BY:
STOLLER CHEMICAL COMPANY, INC.
8582 Katy Freeway, Suite 200
Houston, Texas 77024
(713) 461-2910

EPA EST NO. 22555-TX-1
EPA REG. NO. 22555-
NET CONTENTS: 5 GALLONS
NET WEIGHT OF CONTENTS: 67.5 POUNDS

FRONT PANEL

BIG 10 is adaptable to spraying from various types of spray equipment. For dilute, high volume sprays apply 25 to 100 gallons per acre (GPA) for most vegetable crops, 400 to 800 GPA for fruit orchards and up to 1500 GPA as may be required for large citrus groves. For concentrate ground sprays, use 5 to 20 GPA for most vegetable crops and 25 to 100 GPA for fruit and nut crops. For aerial spraying, 3 to 15 GPA are commonly used.

APPLICATION THROUGH SPRINKLER IRRIGATION SYSTEMS

FIELD CROPS

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

Portable or Solid Set Systems - Apply during final 15 minutes of irrigation period.

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

Calibrate system by adjusting the injector to deliver product at the required rate using the following equation to calculate amount required.

Acres in circle or Area to be treated	x	Gallons of Big 10 recommended per acre	x	128	Ounces of Big 10 to be injected per minute
Number of Hours to complete cycle or cover area	x	60			

Apply only through properly maintained irrigation system 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 applications through water-powered systems are not recommended.

Apply only through irrigation systems containing anti-siphon and check valves to prevent water source contamination and overflow and siphoning of the pesticide tank; and interlocking controls between the metering 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 dismantled or drained. Use of low trajectory angle sprinklers or drop nozzles will decrease the likelihood of drift.

ACCEPTED

SEP 15 1982

Under the Federal Insecticide,
Fungicide, and Rodenticide Act.

SC-757

registered under
EPA Reg. No. 22555-9

DIRECTIONS FOR USE

TREE FRUITS: Unless otherwise specified for specific crops, dosage rates are given as pints of THAT BIG 10 Flowable Sulfur per 100 gallons water for use in a thorough coverage dilute spray. The total amount of THAT BIG 10 per acre should be $\frac{1}{4}$ to $1\frac{1}{2}$ gallons per acre, depending on tree size, density, disease and species. Because of variations in the types of spray equipment, a range of low and high rates is listed.

APPLE & PEAR:

- Scab**
 - Pre-bloom through calyx sprays $\frac{1}{4}$ to $1\frac{1}{2}$ pints/100
 - Cover sprays $\frac{1}{2}$ to 1 pint/100
- Powdery Mildew**
 - Pre-bloom through calyx sprays $1\frac{1}{4}$ to $1\frac{1}{2}$ pints/100
 - Cover sprays 1 pint/100
- Rust Mite**
 - Dormant, delayed dormant or post-harvest $1\frac{1}{4}$ to $2\frac{1}{2}$ pints/100 (plus 1 to $1\frac{1}{2}$ gallons superior type dormant oil)

PEACH AND NECTARINE:

- Powdery Mildew, Brown Rot & Leafspot**
 - Pink & bloom sprays $\frac{1}{4}$ to 2 pints/100
 - Petal fall, shuck & cover sprays $\frac{1}{2}$ to $\frac{3}{4}$ pint/100
 - Scab**
 - Shuck-split through preharvest $2\frac{1}{2}$ pints/100
- Do not apply during periods of excessively high temperatures.

CHERRY, PLUMS & PRUNES:

- Brown Rot, Leafspot**
 - Pink & bloom sprays $\frac{1}{4}$ pint/100
 - Petal fall, shuck & cover sprays $\frac{1}{2}$ to $\frac{3}{4}$ pint/100

CITRUS (GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGELOS & TANGERINES):

- Rust Mite & Clover Mite** $\frac{1}{4}$ to $2\frac{1}{2}$ pints/100
 - Thrips**
 - Spring flush at 3 to 4 inches growth. Repeat if needed $1\frac{1}{2}$ to $2\frac{1}{2}$ pints/100
- Do not apply BIG 10 within 4 weeks of an oil application.

FIELD AND VINE CROPS: Unless otherwise specified for specific crops, dosage rates are given as pints of THAT BIG 10 Flowable Sulfur per acre. Spray applications should be made by ground equipment, aircraft or sprinkler irrigation systems in sufficient water to provide thorough coverage.

CORN & SORGHUM (except California):

Banks Grass Mite. Apply $\frac{1}{4}$ gallon per acre in sufficient water to insure thorough coverage when mites appear on bottom 2 leaves. Repeat applications if mite population persists. Can be used in tank mix combinations with other miticides.

COTTON:

Atlantic Mite. Apply 1 pint per acre for early season control and up to 4 pints for mid to late season control.

PEANUTS:

Rust. Apply 1 to 2 pints per acre in sufficient water for thorough coverage. Begin application approximately 6 weeks after planting. Repeat at 7 to 10 day intervals as long as rust control is required.

POTATOES:

Powdery Mildew. Use $1\frac{1}{2}$ to $2\frac{1}{2}$ pints in 8 gallons water per acre by air. Apply at the first sign of infection and repeat at 2 week intervals.

SPEARMINT & PEPPERMINT:

Powdery Mildew. Apply $2\frac{1}{2}$ to 4 pints per acre when first sign of infection appears or when plants have 4 to 5 leaves followed by additional sprays at 2 week intervals, until pink bud stage or 4 weeks before harvest. After harvest, apply when infection appears or when plants have 4 to 5 leaves and repeat at 2 week intervals, as often as necessary to cover new growth or until growth ceases in the field. Before applying on a crop to be harvested for oil, authorization should be obtained from the buyer of the oil.

STRAWBERRIES:

Powdery Mildew. Use $\frac{1}{2}$ pint per acre. Apply at first sign of infection and repeat at 2 week intervals. For strawberries that will be canned, discontinue application of sulfur well before harvest, in accordance with local canners' recommendations.

SUGAR BEETS:

Powdery Mildew. Use $2\frac{1}{2}$ to $4\frac{1}{4}$ quarts in sufficient water to insure thorough coverage. Apply at first sign of infection. Repeat applications should be made at 10 to 30 day intervals or as necessary throughout the season.

TOMATOES:

Tomato Russet Mite. Use 2 to 4 pints per acre depending upon size of plants. Use full coverage sprays.

VINES (GRAPES):

Powdery Mildew. Use $\frac{1}{2}$ to 1 pint per 100 gallons water, maximum of 4 pints BIG 10 Flowable Sulfur per acre in spring and summer. Make first application when shoots are 6 to 8 inches long, second when shoots are 12 to 15

inches long, and third at about bloom stage. The timing, rate and number of applications will vary with local conditions. Consult State Agriculture Experiment Stations in your region for specific information. Follow the USE PRECAUTIONS given on this label.

WHEAT, BARLEY, OATS & RYE:

Powdery Mildew. Apply 2 to $3\frac{1}{4}$ pints per acre when symptoms of disease first appear. Repeat at 2 week intervals if disease conditions persist.

NUTRIENT USE: Foliage pesticide applications will provide sulfur for the plants' nutrient requirements and should be considered in the total plant nutrient applications. THAT BIG 10 Flowable Sulfur can also be applied to the soil to provide sulfur for the plants' requirements. Rates to be used should be determined by the recommendations of the Agricultural Extension Services for the area and/or tissue tests.

NOTICE—Read Carefully.

Conditions of Sale: Stoller (and Seller) offer(s) this product for sale subject to (and buyer and all users are deemed to have accepted) the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Stoller.

Warranty Limitation: Stoller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Stoller makes no other express warranties. There is no implied warranty of merchantability and there are no warranties which extend beyond the description on the label hereof.

Inherent Risks: The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with use. Buyer assumes all risks associated with use or applications of this product contrary to label instructions or resulting from extraordinary weather conditions.

Limitation of Liability: In no case shall Stoller be liable for special indirect or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

BEST DOCUMENT AVAILABLE