

MAR 24 1986

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

1812-287

FRONT PANEL

CHAMP-S

Agricultural Fungicide/Miticide With Adjuvants

ACTIVE INGREDIENTS:

Sulfur.....27.25%
Chlorothalonil (tetrachloroisophthalonitrile)....19.15%
INERT INGREDIENTS:.....53.60%

TOTAL.....100.00%

Contains 2.96 pounds Sulfur and 2.08 pounds Chlorothalonil
per gallon.

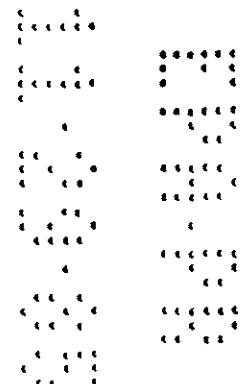
KEEP OUT OF REACH OF CHILDREN
WARNING
STATEMENT OF PRATICAL TREATMENT

IF IN EYES: Flush with plenty of water. Get medical attention.
IF INHALED: Remove victim to fresh air. If not breathing, give
artificial respiration, preferable mouth-to-mouth. Get medical
attention.
IN ON SKIN: Wash with soap and water.
IF SWALLOWED: Get medical attention.
NOTE TO PHYSICIAN: Persons having allergic reactions respond to
treatment with antihistamines or steroid creams and/or systemic
steroids.

See side panel for additional precautionary statements.

GRIFFIN CORPORATION
VALDOSTA, GA 31601
NET CONTENTS 2-1/2 gallons

EPA Reg. No. 1812-
EPA Est. No. 1812-GA-3



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LEFT SIDE PANEL

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING

Avoid contact with skin or clothing. Skin Sensitizer. Wash exposed areas of skin with soap and warm water after handling or using. Harmful if swallowed. Avoid breathing spray mist. Use with adequate ventilation. Do not get in eyes. Wear goggles or eye shield when using this product. In case of contact with eyes flush with plenty of water immediately for at least 15 minutes. Note: CHAMP-S may produce temporary allergic side effects characterized by redness of eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician. Affected persons respond to treatment with antihistamines or steroid creams and/or systemic steroids.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas.

DIRECTIONS FOR USE

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

NOTE TO USER: This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician.

NOTE TO USER: Wear long sleeve shirt, long pants, and gloves while mixing, loading and applying this product.

NOTE TO USER: Do not enter treated area to perform hand labor within 24 hours of application unless protective clothing is worn.

NOTE TO USER: Do not rotate to crops other than those listed on labels within 12 months of the last treatment. After 12 months from the last application, leafy vegetables (i.e. spinach, lettuce, kale, etc.) may also be rotated.

RE-ENTRY STATEMENT

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray 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.

DISPOSAL: Triple rinse (or equivalent). Then offer to recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

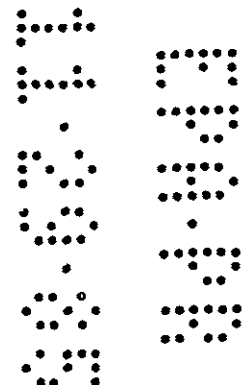
GENERAL INFORMATION

CHAMP-S makes an excellent fungicide combination when used according to label directions for control of a broad spectrum of plant diseases.

CHAMP-S can be used effectively in dilute or concentrate sprays. Thorough, uniform coverage is essential for disease control. DO NOT combine CHAMP-S in the spray tank with pesticides, surfactants or fertilizers unless your prior use has shown the combination physically compatible effective and noninjurious to the crop under your conditions for use.

The sulfur in CHAMP-S may cause injury to plants if used improperly or under unfavorable weather conditions. During periods of high temperature sulfur may burn foliage. Do not make CHAMP-S applications at such times.

NOTE: Sulfur will cause severe fruit and leaf injury to sulfur sensitive crops. Do not apply or allow to drift to apricots, d'Anjou and Comice pears, cranberries, cucurbits (cucumbers, cantaloupes, melons, squash) filberts, spinach, tung trees, walnuts, or other sensitive plants.



Dosage rates on this label indicate pints of CHAMP-S per acre, unless otherwise stated. Under conditions favoring disease development the high rate specified and shortest application interval should be used. Applications should be made in sufficient water to obtain adequate coverage of foliage. Gallonage to be used will vary with crop and amount of plant growth. Spray volume will usually range from 20 to 150 gallons (approximately 80 to 600 liters) per acre for dilute sprays and 5 to 10 gallons (approximately 20 to 40 liters) per acre for concentrate ground sprays and aircraft applications. Both ground and aircraft methods of application are recommended unless specific directions are given for a crop. See application and calibration instructions below.

Application and Calibration Techniques for Sprinkler Irrigation.

- A. Center Pivot and Traveling Gun Irrigation Equipment - Operate system and injection equipment at normal pressures recommended by the manufacturer of injection equipment used. Fill tank of injection equipment with water. Operate system for one complete circle for center pivot or one complete run for traveling gun equipment, measuring time required, amount of water injected, and acreage contained in circle or run. Mix recommended amount of CHAMP-S for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run. Shut off injection equipment after one revolution or run, but continue to operate irrigation system until CHAMP-S has been cleared from last sprinkler head.
- B. Solid Set and Portable (Wheel Move) Irrigation Equipment. Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a thirty to forty-five minute period. Mix desired amount of CHAMP-S for acreage to be covered into quantity of water used during calibration and operate entire system at normal pressures/recommended by the manufacturer of injection equipment used for amount of time established during calibration. CHAMP-S can be injected at the beginning or end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until CHAMP-S has been cleared from last sprinkler head.

Chemical injection pumps and water pumps must have interlocking controls to insure simultaneous shutoff.

Do not operate irrigation system without safety valves or other devices to prevent back-siphoning of CHAMP-S into water source. Irrigation water treated with CHAMP-S should be maintained on the treated area until the water is absorbed by the soil. Tank containing CHAMP-S should be connected to the discharge side of irrigation pump or other pressurized equipment attached to irrigation line.

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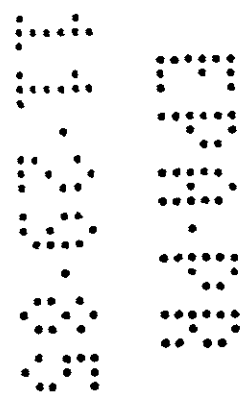
CROP	DISEASES/ INSECTS	RATE PER ACRE	APPLICATION DIRECTIONS
Bean (Snap)	Rust	4-8 pts	Use in sufficient water to obtain adequate coverage. begin application during early bloom stage or when disease first threatens and repeat at weekly intervals or as necessary to maintain control. DO NOT apply within 7 days of harvest. DO NOT graze areas or feed treated plant parts to livestock.
	Botrytis blight (gray mold), Powdery mildew, Red Spider Mites	8 pts	
Cabbage, Cauliflower, Broccoli, Brussels Sprouts	Alternaria leafspot, Downy mildew	4-1/2 pts	Use in sufficient water to obtain adequate coverage. Begin applications after transplants are set in field or shortly after emergence of field seeded crop or when conditions favor disease development. Repeat at 7 to 10 day intervals or as necessary to maintain control.
	Ring spot (CA only)	5-1/2 pts	
	Powdery mildew, Red Spier mites	5-1/2 pts	Apply in 8 gallons of water by air. Apply at first sign of infection and repeat at 3 week intervals.

Potato	Early blight, Late blight Botrytis vine rot (Botrytis spp)	3 to 4-1/4 pts	Use in sufficient water to obtain adequate coverage. Begin applications when plants are 6 to 8 inches high or when disease threat- ens and continue at 7 to 10 day intervals or as needed to maintain disease control. Under severe disease conditions, use 4-1/4 pts per acre on a 7 day schedule. CHAMP-S may be applied through sprinkler irrigation equipment (solid set, portable wheel move or center pivot systems only). DO NOT exceed a 10 day interval between applications when using this technique. See calibration directions preceding this section.
	Early blight Late blight, (Dryland cul- ture)		
	Powdery Mildew	4-1/2 pts	Apply in 8 gallons of water by air. Apply at first sign of infection and repeat at 3 week intervals.
Tomato	Early blight Late blight Gray leafspot Gray leaf mold, Septo- ria leafspot	4-1/2 to 5-1/2 pts	Apply to sufficient water to obtain adequate coverage. Begin applications when disease threat- ens and repeat at 7 to 10 day intervals. Under moderate to severe disease con- ditions, use the highest rate speci- fied and shorten spray interval.
	Anthrachnose	5-1/2 to 8-1/2 pts	
	Rhizoctonia fruit rot, Botrytis gray mold, Tomato russet mite.	8-1/2 pts	

TREE AND ORCHARD CROPS

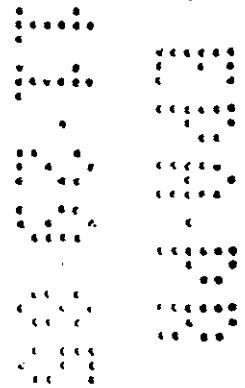
Apply CHAMP-S in sufficient water and proper calibration to obtain uniform coverage of tree canopy. Application through ground equipment is recommended. When concentrate sprays are used or when treating non-bearing or immature trees, the lower rate of CHAMP-S listed may be used. The following spray volumes are recommended as gallons of spray per acre.

CROP	SPRAY VOLUME (GALLONS PER ACRE)	
	DILUTE	CONCENTRATE
Peach	300	50 to 150
Nectarine		
Tart Cherry		
Plum		
Prune		
Apricots		
Sweet Cherry	400	65 to 200



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CROP	DISEASES	CHAMP-S RATE PER		APPLICATION DIRECTIONS
		ACRE	100 GAL	
Peach, Nectarine, Cherry, Plum, Prune, Apricots	Leaf curl Coryneum blight Shotgun) on peach, nectarine, apricot	9-12 pt	3-4 pts	Use only full dilute spray volumes for dormant applications. Make one application in late autumn to early winter before hard freezing occurs. Make one or two addi- tional applications in mid to late winter before buds begin to swell. Where Coryneum blight (Shothole) occurs, apply once at petal fall or at shuck-split to prevent fruit infec- tions.
	Brown rot blossom Blight, Powdery mildew on peaches, nectarine, Scab on peaches, nectarines	12-16 pt	3-4 pts	Use 12-16 pts per acre on trees taller than 20 ft. and 9-12 pts per acre on smaller trees. Make one applica- tion at popcorn (pin, red or early white bud) and a second application at full bloom. If weather conditions favor disease devel- opment, make an additional applica- tion at petal fall.



Cherry leaf- 9-12 pt	3-4 pt	In addition to the bloom applications listed above, make one application at shuck-split. DO NOT apply CHAMP-S after shuck-split and before harvest. If additional disease control is needed before harvest, use another registered fungicide. For control of cherry leafspot after harvest, make application to foliage within 7 days after fruit is removed. In orchards with a history of high leafspot incidence, make a second application 10-14 days later.
spot, Peach,		
Nectarine,		
Apricot Scab		

*Volumetric rates to be used only with full dilute spray volume specified on this label for tree and orchard crops

WARRANTY STATEMENT

GRIFFIN warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes state on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of GRIFFIN. If no case shall GRIFFIN be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. GRIFFIN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

