

NET WT. 50 LBS.

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BLUE VIKING

COPPER SULFATE STAR FLOW SOLUTION

ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONNEL

ACTIVE INGREDIENT

COPPER SULFATE ANHYDROUS

15.14

INERT INGREDIENTS

COPPER AS METALLIC NOT LESS THAN 61

$\text{CuSO}_4 \cdot 10.55 \text{ lbs./gal.}$

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

CONTROL OF TADPOLE SHRIMP IN FLOODED RICE FIELDS. Blue Viking Copper Sulfate is recommended for the control of tadpole shrimp in rice fields. Blue Viking should be applied at a rate of 4 to 6 gals. per acre by mixing with 500 parts of water and applying as a uniform surface spray using boat, plane or other professional means and pressurized spraying device. Use at the first indication of infestation after the field has been flooded to a depth of 6 to 8 inches. Blue Viking is especially graded for maximum solubility in this volume of water.

Directions for use continued on back panel.

EPA REG. NO. 45450-4
EPA EST. NO. 45450-AZ-1

KEEP OUT OF REACH OF CHILDREN

WARNING

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

WARNING: Causes irritation to the eyes and mucous membrane. Harmful if swallowed. Do not get in eyes, on skin or clothing. Do not breathe spray mist.

STATEMENT OF PRACTICAL TREATMENT

First Aid: In case of contact, immediately flush eyes or skin with fresh water for at least 15 minutes. For eyes get medical attention. Remove and wash contaminated clothing before re-use. If swallowed, immediately drink a large quantity of milk or egg whites, or, if these are not available, drink large quantities of water and induce vomiting. Get medical attention immediately.

Note to Physicians: This product can cause corrosive injury to the esophagus.

ENVIRONMENTAL HAZARD

This product is toxic to fish. Do not apply directly to water except as directed on label. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

MANUFACTURED BY INTERNATIONAL METAL RECYCLING CORPORATION, CASA GRANDE, ARIZONA.

IMR
MADE IN U.S.A.

Read entire label. Use strictly in accordance with precautionary statements and directions, and with applicable state and Federal regulations.



DIRECTIONS CONTINUED

ALGAEKILLER

Blue Viking Copper Sulfate kills filamentous and Plectonon algae in flooded areas. To kill algae, take 200 lbs. of water at 100 ft. deep to 200 lbs. of water at 10 ft. deep. The treated water will kill algae at a rate of 2 to 3.4 gallons per acre foot of water. Mix Blue Viking with 100 parts of water and apply the mixture as a uniform surface spray using boat and pressurized spraying device. Apply twice yearly or as needed. Deter mine the number of acre feet of water to be treated. An acre foot of water is equal to one acre of water one foot deep which equals 325,000 gallons or 2,735,000 pounds.

SEWER TREATMENT—ROOT DESTROYER

- A. For Partial Stoppage — Add 25 lbs. of Blue Viking to sewer or drain and flush toward blockage with 5 gallons of water. Repeat at 6 month intervals to prevent growth of new roots.
- B. For Complete Stoppage — Physically remove the root blockage and repeat as above.

WOOD TREATMENT (green, painted parts) — BARKY DECAY ROT

Prepare a solution of 10.0 pounds of sodium chromate in each 24 gallons of water to be used and a separate second solution of 7 gallons of copper sulfate in each 24 gallons of water to be used. Soak the painted green parts, but not down first in the copper sulfate solution for 3 days then butt and down in the sodium chromate solution for 2 days and finally, turn the parts upside down in the sodium chromate solution for 1 additional day, remove and rinse parts with clear water.

BORDEAUX MIXTURE

HOW TO UNDERSTAND BORDEAUX FORMULATIONS:

If the Bordeaux Mixture Instructions read 10-10-100, the first figure means the number of pounds of copper sulfate pentahydrate. The second figure means the pounds of hydrated lime, and the third figure, the gallons of water to be used. Use as a full coverage spray to runoff.

HOW TO PREPARE BORDEAUX MIXTURES USING BLUE VIKING COPPER SULFATE STAR FLOW SOLUTION

	TO PREPARE		USE	
	LBS. ZINC SULFATE	GALS. BLUE VIKING COPPER SULFATE STAR FLOW SOLUTION	LBS. HYDRATED SPRAY LIME	GALS. WATER
10-10-100 BORDEAUX	-	4	10	95
3-4-100	-	1.2	44	98.8
15-10-100	-	6	10	94
3-2-6-100	3	0.8	6	99.2

To prepare the Bordeaux mixture, add one half the required amount of water to a mixing tank of at least 125 gallon capacity. Then, with agitator running add copper sulfate solution. Add remaining water. Mix in hydrated spray line followed by the zinc sulfate (when required).

CROP

Almonds, Apricots,
Peaches, Nectarines

TO CONTROL

Shot-Hole Fungus

DIRECTIONS

Prepare a 10-10-100 Bordeaux and apply as a dormant spray in late fall or early spring.

Almonds, Apricots, Cherries,
Peaches, Nectarines, Plums,
Prunes,
Sour Cherries

Brown Rot Blossom Blight

Prepare a 10-10-100 Bordeaux and apply when buds begin to swell.

Leaf Spot

Prepare a 10-10-100 Bordeaux. Apply as a full coverage spray after petal fall or as recommended by the State Extension Service.

Lemons, Oranges, Grapefruit

Phytophthora
Brown Rot

Prepare a 3-4-100 Bordeaux where there is no history of copper injury or a 3-2-6-100 (Zinc Sulfate - Copper Sulfate - Hydrated Lime - Gallons of water) Bordeaux. Spray 5 gallons on each of trees 3 to 4 feet high and 2 to 4 gallons on trunk and ground under tree. If P. Nibomela is present, use 10 to 25 gallons to completely cover each tree. Apply in Nov. or Dec. just before or after first rain. In severe brown rot season, apply second application in Jan. or Feb.

Lemons, Oranges, Grapefruit

Severe Fruit and Leaf Spot,
Central Cank and Brown Rot
and Zinc and Copper
Deficiencies

Prepare a 3-2-6-100 Bordeaux and use 10 to 25 gallons to completely cover each tree. Apply in Oct., Nov. or Dec. before or just after first rain.

Walnuts

Walnut Blight

Apply 6 GALS. with 10 pounds of lime in 94 gallons of water plus one-half gallon of summer oil emulsion. Apply in early pre-bloom 10-20% (mollate not when cotton blooms are show) before or after rain. Use only H. Bordeaux mixture has been shown to be non-phytotoxic in your area.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open burning and dumping is prohibited. Do not re-use empty containers.

STORAGE

Keep pesticide in original container. Do not put concentrate or dilutions of concentrate in food or drink containers.

PESTICIDE DISPOSAL

Pesticide spray mixture or residue 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

Rinse container three times with water and add residue to use solution. Dispose of bags according to approved Federal, State and local procedures under the Resource Conservation and Recovery Act.

HOW TO USE BLUE VIKING

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and or handling of this product when such use and/or handling differs from the instructions shown on the label.

BLUE VIKING COPPER SULFATE SUGGESTED USES

AGRICULTURE

Use as directed on label to control plant diseases on various crops. For copper deficiency in soils, see directions for use. Copper Sulfate is a valuable source of copper for plants. Please consult your State Agricultural Experiment Station or U.S. National Service for guidance in growing crops and animals.

WATER, SEWER, & WOOD TREATMENT (See directions for use)

Water Treatment: Use 100 lbs. per acre of water to be treated.
Sewer Treatment: Use 25 lbs. per sewer or drain to be treated.
Wood Treatment: Use 100 lbs. per acre of water to be treated.