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READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

USE ONLY IN ACCORDANCE WITH INSTRUCTIONS.

KEEP OUT OF REACH OF CHILDREN



INGREDIENTS

Sulphur80%
INERT INGREDIENTS20%

FANTASUL 80 WG is a wettable formulation of finely ground sulphur with special suspending and adhering qualities that maintain active residues on citrus trees for extended periods of time, once leaves are allowed to dry.

Although **FANTASUL 80 WG** kills rust mite by fumigation as well as contact, thorough coverage is absolutely necessary for best results.

Some fruits and other plants are susceptible to injury from **FANTASUL 80 WG** under certain climatic conditions. The user is advised not to use **FANTASUL 80 WG** on any crop unless local use has proved that **FANTASUL 80 WG** does not damage crops in that locality. **FANTASUL 80 WG** may burn foliage when the temperature is high (90° or above). Do not make sulphur applications on Eastern American type grapes, spinach, apricots, or other sulphur susceptible plants. Do not make applications within two weeks before or after an oil spray.

For light to moderate infestations use lower amount recommended. For moderate to heavy infestations use higher of recommended amounts. Use enough water to insure adequate coverage.

WHEN GROWING CROPS FOR PROCESSING,

CONSULT PROCESSOR BEFORE APPLYING SULPHUR.
DO NOT USE WITHIN FOUR (4) WEEKS OF AN OIL SPRAYING.

Trade Names Of Other Firms: Trade names for products containing wettable sulphur are: AgriSolutions Sulphur, Acizal, Cabritol, Cosan, Elosal, Chemsulf, Seven Star, Sulphur Chem and Cabridust.

What is **FANTASUL 80 WG** and how does it work?

This cost effective product has been well established as an effective protectant fungicide for many years. It is widely used in many crop production systems from high value vegetables to tree crops. It is also used in ornamental situations. **FANTASUL 80 WG** is noted for its ability to suppress mite populations. It should not be considered more than a suppressing agent and eradicator products should be used in spray programs.

FANTASUL 80 WG acts as a spore killer. Spores will accumulate **FANTASUL 80 WG** when in contact with the fungicide or through vapors. **FANTASUL 80 WG**, acting as hydrogen sulphide will interfere with important hydrogenation and dehydrogenation processes in fungal spores.

Key Benefits of **FANTASUL 80 WG**:

1. Provides fungicidal action and disease control.
2. No residues on fruit when applied prebloom. Effectively controls many overwintering pests.
3. Nontoxic to mammals and birds; works by dehydration rather than poisoning; contains beneficial trace minerals.

PRECAUTIONS

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children or pets away from treated area until dry.

SYMPTOMS OF POISONING

Irritation on skin or eyes.

MEDICAL TREATMENT

Treatment is symptomatic.

FIRST AID

Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Have person sip a glass of water if

possible to swallow. Do not give anything to an unconscious or convulsing person. If on skin or clothing, take off contaminated clothing and wash thoroughly with soap and water. Get medical attention if irritation occurs. If in eyes, hold eyelids open and flush with plenty of water. Remove contact lenses, if present, after the first 5 minutes then continue rinsing.

DIRECTIONS FOR DILUTION

Crop	Pests	lbs/acre
Almonds,	Brown Rot, Leaf Spot	10-30.
Cherries,	Powdery Mildew, Silver	
Plums,	Mite, Red Spider Mite	
Prunes		

Apply at bloom or early petal fall and repeat 10-14 day intervals as necessary or after period of wet weather.

Crop	Pests	lbs/acre
Apples,	Powdery Mildew, Scab,	10-30.
Pears	Red Spider Mite	

Apply at pre bloom and petal fall and apply with cover sprays throughout the season.

Crop	Pests	lbs/acre
Peaches,	European Red Mite,	10-20.
Nectarine	Almond Mite, Two-Spotted Mite, Red Spider Mite	

Apply at bloom or early petal fall and repeat 10-14 day intervals as necessary or after period of wet weather.

Crop	Pests	lbs/acre
Walnuts	Brown Rot blossom Blight, Powdery Mildew, Scab, Red Spider Mite	10-30.

Apply with mite sprays to increase effectiveness. CAUTION: Do not apply unless variety is known to be tolerant to sulphur.

Crop	Pests	lbs/acre
Grapes	Powdery Mildew, Red Spider Mite	5

Apply in late dormancy, with cutworm spray, early shoot period and every 14 days through season.

Crop	Pests	lbs/acre
Blackberry	Powdery Mildew	6 - 15

Apply when new shoots are 6" long and before blossoms open. Repeat at 10 day intervals as necessary.

Crop	Pests	lbs/acre
Raspberry	Powdery Mildew	6 - 15

Apply each week starting at first bloom colour, until fruit is set, then repeat as weather requires.

Crop	Pests	lbs/acre

Strawberries Powdery Mildew, Red Spider Mite 5 - 10

Apply at early leaf stage. For powdery mildew, at first signs of disease and repeat as needed.

Crop	Pests	lbs/acre
Beans,	Powdery Mildew, Red	5
Peas,	Spider Mite	
Broccoli,		
Brussel		
Sprouts,		
Cabbage,		
Cauliflower,		
Collard,		
Kale,		
Peppers,		
Potatoes		

Apply at early leaf stage and repeat every 10 – 24 days.

Crop	Pests	lbs/acre
Tomatoes	Russet Mite	5

Thorough coverage is needed.

Crop	Pests	lbs/acre
Cotton,	Red Spider Mite	5
Seed		
Alfalfa		

As per needed.

Crop	Pests	lbs/acre
Peanuts	Powdery Mildew, Leaf Spot, Red Spider Mite	8

Start at first sign of disease and repeat as necessary.

Crop	Pests	lbs/acre
Sugar	Red Spider Mite	5
Beets		

As per needed.

Crop	Pests	lbs/100 gal
Roses	Black Spot, Powdery Mildew	6 - 8

Apply at first sign of disease and repeat as necessary

DILUTE APPLICATION: Ground application—Apply specified rate in 20 to 100 gallons of water per acre. Orchard Application—Apply specified rate in 100 to 1500 gallons of water per acre.

CONCENTRATE APPLICATION: Ground Application—Apply specified rate in not less than 5 gallons of water per acre. Orchard Application—Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these areas.

AIR APPLICATION: Apply specified rate in 5 to

20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

FOR BEST RESULTS use sufficient water per acre to give thorough coverage of all plant parts.

STORAGE AND DISPOSAL METHODS

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

PESTICIDE STORAGE: Store in original container only. In case of leak or spill, contain material and dispose as waste.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: 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.

For More Details including effects on environment email contact@ivorychem.com with Subject "FANTASUL 80 WG DETAILS"

More Details:

TOXICOLOGICAL EFFECTS ENVIRONMENTAL FATE PHYSICAL PROPERTIES AND GUIDELINES

Physical Properties:

- **Appearance:** Colorless crystals with a weak characteristic odor.
- **Chemical Name:** 1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylideneamine, 1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine.
- **CAS Number:** 13826-41-3
- **Molecular Weight:** 255.7
- **Water Solubility:** 0.51 g/l (200 degrees C)
- **Solubility in Other Solvents:** @ 20 degrees C: dichloromethane - 50.0 - 100.0 g/l; isopropanol - 1.0-2.0 g/l; toluene - 0.5-1.0 g/l; n-hexane - <0.1 g/l; fat - 0.061 g/100g
- **Melting Point:** 136.4-143.8 degrees C., 143.8 degrees C (crystal form 1) 136.4 degrees C (crystal form 2)
- **Vapor Pressure:** 0.2 uPa (20 degrees C) (1.5 X 10 to the minus 9 mmHg)
- **Partition Coefficient:** 0.57 (22 degrees C). (1)

- **Adsorption Coefficient:** Not Available



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