

FUNGASTOP

BROAD SPECTRUM ANTIFUNGAL COMPOUND

DESCRIPTION

FUNGASTOP is a potent and effective alternative to synthetic agro-industrial chemicals. FUNGASTOP contains naturally-derived ingredients which have been scientifically proven to act as a broad spectrum antifungal and antibacterial compound.

The active biochemical in FUNGASTOP is currently used in international markets as a sanitizing and disinfecting agent and as a preservative in food and cosmetics. It is classified as non-toxic and is not a primary skin irritant or a corrosive material.

EPA Registration Exempt: Per FIFRA
Reg. 40CFR 152.25(g)(1).



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BENEFITS

This product is active against a broad spectrum of species of the following fungi and bacteria genera:

Fungi

Albugo
Alternaria
Aspergillus
Botrytis
Bremia
Erysiphe
Fusarium
Microspora
Pseudoperonospora
Phytophthora
Sclerotinia
Venturia

Bacteria

Bacillus
Corynebacterium
Erwinia
Listeria
Pseudomonas
Salmonella
Staphylococcus
Streptococcus
Xanthomonas

HOW IT WORKS:

The mode of action of FUNGASTOP upon plant pathogenic fungi and bacteria is the alteration of the cell membrane and inhibition of cellular respiration. The product possesses the ability to inhibit and control fungal and bacterial growth at labeled application rates.



FUNGASTOP

TECHNICAL DATA

PRODUCT DESCRIPTION: Fungastop contains naturally derived ingredients which have been scientifically proven to act as a broad spectrum antifungal and antibacterial compound. FUNGASTOP is a potent and effective alternative to synthetic agro-industrial chemicals.

PURPOSE: To inhibit and control plant pathogenic fungal and bacterial growth at reasonable application rates. The active biochemistry in FUNGASTOP is used in international markets as a sanitizing and disinfecting agent and as a preservative in food and cosmetics. It is classified as non-toxic and is not a primary skin irritant or a corrosive material.

CROPS: Field Crops, Ornamental Nurseries, Turf, Orchards, Fruits, Citrus, Vegetables, Flowers and other Horticultural Crops.

TANK MIX DILUTION RATES

FUNGASTOP	WATER
1 pt. (0.5 L)	25 - 50 gal. (95 - 190 L)
1 qt. (0.95 L)	50 -100 gal. (190 - 380 L)
1 gal. (3.8 L)	200 - 400 gal. (760 - 1,520 L)

STORAGE SHELF LIFE: Store in a cool, dry place out of direct sunlight. Shelf life is two years under normal conditions.

APPLICATION STRATEGIES AND METHODS:

- 1. Seed Treatment:** This is a soaking or drenching application method. As a soak, put the seeds in a cloth bag, then soak the cloth bag in a container with Fungastop, diluted at the equivalent rate of 1 pt. (0.5L) of Fungastop to 5-10 gallons (19-38L) of water. Soak for a period of 1 to 24 hours, depending on seed coat hardness. Open the cloth bag and spread the seeds in order to dry them enough for planting. As a drench, utilizing the same dilution formula for soaking, expose the seeds to the drench and then air dry the seeds prior to planting.
- 2. Root Dip:** Prepare a container of Fungastop utilizing the dilution rate of 1 pt. (0.5L) of Fungastop to 5-10 gallons (19-38 L) of water. As a pre-transplant exercise, dip the roots of the plant into the container of diluted Fungastop. Leave the roots in the container for 2-5 minutes or until the root mass is saturated and fully exposed to the Fungastop and water mixture.
- 3. Band:** This is an application over the top of a row of plants. Banding conserves the volume of Fungastop and water needed to cover the target area. This application technique is particularly desirable when applying Fungastop to plants in an early stage of development. Follow the dilution rates shown above. Set equipment to apply diluted spray for uniform coverage of plant surfaces, but not to the point of run off. Spray mist should contact all parts of the plant.
- 4. Broadcast:** This is an application over the top of the target plants. Follow the dilution rates shown above. Set equipment to apply diluted spray for uniform coverage of plant surfaces, but not to the point of run off. Spray mist should contact all parts of the plant.

TIMING: Apply diluted spray after irrigation and NOT before rain. Do not irrigate treated areas for the 24 hours after application to make sure the product will not be washed off the plant/leaf surface.

FREQUENCY: Apply when conditions are favorable for disease development. Apply at 7-15 day intervals, depending on disease pressure and environmental conditions.

