

SEXTANT™



A FUNGICIDE FOR THE PREVENTION AND CONTROL OF CERTAIN DISEASES OF ORNAMENTALS

Product Information Bulletin

775

GENERAL INFORMATION

SEXTANT is a broad spectrum fungicide that may be applied safely to a wide range of ornamental flowering and foliage plants, either as foliar spray, drench or dip.

SEXTANT contains 2 lbs. iprodione per gallon.

Common name: Iprodione

Class: Dicarboxamide

Packaging: 1 gallon

RESTRICTED ENTRY INTERVAL (REI) AND SIGNAL WORD

REI = 12 hours Signal word = CAUTION

PERSONAL PROTECTION EQUIPMENT (PPE)

Mixers, loaders, others exposed to the concentrate, cleaners/repairers of equipment, and applicators applying as a dip treatment must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant apron
- Chemical-resistant footwear plus socks

Applicator using hand held equipment:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposures
- A dust/mist filtering respirator (MSHA/NIOSH approval number and prefix TC21C) or a NIOSH approved respirator with any R, P or HE filter.

MODE OF ACTION

SEXTANT is a contact, curative fungicide which inhibits germination of fungal spores and growth of fungal mycelium.

USE SITES

SEXTANT is recommended for use on a wide variety of container and field grown flowering and foliage ornamentals in field or container nurseries, conifer nurseries, greenhouses, and in landscape settings.

DISEASES CONTROLLED

Aerial Web Blight
Alternaria Leaf Blight
Alternaria Leaf Spot
Botrytis Blight
Fusarium Leaf Spot
Helminthosporium Leaf Spot
Rhizoctonia Stem & Root Rot
Ink Spot
Tulip Fire
Alternaria Leaf Blight
Ray Blight
Fusarium Corm Rot
Daffodil Leaf Scorch
Blossom Blight
Botrytis Storage Rot
Cylindrocladium Blight and Wilt

APPLICATION RATES

Foliar spray: apply 1 to 2.5 quarts per 100 gallons of water to the point of run-off.

Do not apply more than 2.5 quarts of product per acre per application. Do not apply more than 4 applications per year. Do not exceed a total of 10 quarts of product per acre per year.

Drench: apply at seeding and/or after transplanting for Rhizoctonia control at 13 fluid ounces per 100 gallons of water.

Do not exceed a total of 35 fluid ounces of product per 1000 sq. ft. per year.

Limit individual applications of **SEXTANT** to a maximum of 6 per year.

Do not use as a drench on impatiens or pothos. Do not use on Spathiphyllum.

Dip: Dip in a solution of 1 - 2 quarts of **SEXTANT** per 100 gallons of water for five minutes prior to cold storage.

For all treatments, thorough coverage is required for maximum effectiveness.

Intervals: As a foliar spray, repeat applications may be made every 7 to 14 days. Drench applications may be made every 14 days.

TANK MIXES

User should adhere to any applicable restrictions on the tank mix product. If the compatibility of tank mix partners is unknown, mixing a small amount of the products in proper ratios in a clear jar is advised prior to mixing a large tank.

ADDITIONAL APPLICATION INFORMATION

Residual soil activity: **SEXTANT** is active in the soil and some residual fungicidal activity will persist for varying periods of time.

Persistence and agents of degradation:

The half-life of **SEXTANT** in soil ranges widely with reported values between two and 160 days.

Drift control: The most effective way to reduce drift potential is to apply large droplets. Be aware of environmental conditions such as wind, temperature, humidity and temperature inversions.

Volume: Use high flow rate nozzles to apply the highest practical spray volume.

Pressure: Do not exceed the nozzle manufacturer's recommended pressure.

Number of Nozzles: Use the minimum number of nozzles that provide uniform coverage.



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