

TURF - PYTHIUM ROOT AND CROWN ROT

General Information

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VITAL-SIGN is a systemic product, which contains potassium phosphite (phosphonate). The phosphonic anion is effective in prevention and control of diseases caused by Pythium, by fungicidal activity and activation of the plants' natural resistance mechanism. VITAL-SIGN is intended for use as part of an Integrated Pest Management (IPM) system. When used in conjunction with good cultural management practices, and the recommended tank mixtures, and as part of a complete disease control program, VITAL-SIGN will control Pythium, summer stress and anthracnose. In order to achieve maximum results in controlling the disease, carry out spraying before the appearance of the disease or when disease is first observed. Initiate applications when environmental conditions are favorable for disease development.

Application for Pythium Disease Control:

VITAL-SIGN is a systemic fungicide, which provides control of the three forms of Pythium disease that attack turf grass, when the product is applied in a preventative manner. Begin spraying when environmental conditions are favorable for the development of Pythium diseases. Use VITAL-SIGN on areas with turf, golf courses and sod farms.

Limitations, Restrictions, and Exceptions

Application Interval: 7-14 days

Remarks

Best applied in combination, as shown below, in a stress decline program.

- Do not apply to turf under stress or during severe weather conditions, such as very high temperatures.
- Do not mow or apply water to treated areas until the foliage is completely dry.

- Apply in a spray solution of 1 to 5 gallons per 1000 square feet.
- Do not apply above the recommended rates.
- Use a shorter spray interval and a higher rate under extra disease pressure.

Method

[Spray](#)

Rates

[field_rates 0](#)

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Restricted Entry Interval

4 hours

Timings

[N.A.](#)