



# Fosetyl 800 Fungicide

For the prevention and control of Pythium in turf

## Technical Brief

<b>Active Ingredient:</b>	800 g/kg fosetyl, present as the aluminium salt
<b>Chemical Family:</b>	Ethyl phosphonate
<b>FRAC Code:</b>	33 - Phosphonates
<b>Formulation:</b>	Water Dispersible Granule
<b>Mode of Action:</b>	Multi-site mode of action that acts by inhibiting spore germination and penetration into the plant, and by blocking mycelial growth and spore production. Also enhances the plants own defence systems against diseases.
<b>Behaviour in Plants:</b>	Rapidly absorbed by the plant leaves or roots and travels with upwards and downwards systemic activity.

## Benefits

- Fosetyl 800 Fungicide provides preventative control of Pythium
- No history of disease resistance (20+ years use in USA)
- Fosetyl 800 Fungicide tank mixes are effective for 'summer decline' management
- Unlike other fungicides Fosetyl 800 is truly systemic, travelling up and down within the plant
- Rapidly absorbed by the foliage and spreads throughout the plant

## Disease Management

CROP	DISEASE	RATE	CRITICAL COMMENTS
Turf Golf and bowling greens and other intensely managed turf	<i>Pythium</i> spp	125 g/ 100 m <sup>2</sup>	Begin preventative applications when conditions first favour disease and continue as long as conditions are favourable for disease at approximately 21 day intervals. Apply as a foliar spray.  DO NOT mow or water treated area until foliage is completely dry.

Note: The above table represents only a modified extract from the full registered label. Always read the full product label before use.

## How to get the most out of your application

- Apply 5 L to 20 L of water per 100 m<sup>2</sup> (500 – 2,000 L of water per ha).
- Application timing is critical for maximum effectiveness. Begin making applications before turf is stressed. Continue every 21 days until summer decline is no longer an issue. Stress to turf can include increases in temperature and humidity, renovation, lower mowing heights etc.
- Fosetyl 800 Fungicide should be used preventively for the control of Pythium diseases. Be vigilant for ideal Pythium conditions such as warm nights (over 20°C) and hot days (over 30°C) combined with high humidity.
- Can be left on the leaf or watered in, allowing flexibility in water volume application rates.

## Mixing and Compatibility

Fill the spray tank to at least half the desired amount with clean water and commence agitation. Add the required quantity of Fosetyl 800 Fungicide directly to the water and complete filling to the final volume. Continue agitation. DO NOT make a slurry or paste prior to adding to the tank.

Fosetyl 800 Fungicide is compatible with a number of fungicides. If unsure, it is recommended that a jar test be conducted to determine compatibility. Always add Fosetyl 800 Fungicide to the mixture last.

With any mixture, constantly agitate prior to and during application. It is not recommended to mix this product with more than one additional pesticide in the tank.

**Note:** Tank mixtures with other pesticides may result in some settling out. Mancozeb-based pesticides may be more prone to settling out.

DO NOT tank mix with:

- Foliar fertilizers
- Copper products (including fungicides containing copper).
- pH buffering agents (i.e. Primabuff, LI700 Surfactant)

As they are incompatible. There is a risk of plant injury when mixed with copper products.

Always test mixtures on a small number of plants before large-scale use. As formulations of other manufacturer's products are beyond the control of Turf Culture Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

Tank mixes that turf managers may look at with Fosetyl 800 Fungicide are contact fungicides containing active constituents such as chlorothalonil, iprodione or mancozeb. Please be aware that the rates for these actives in turf (using turf registered products containing these actives) apply high amounts of actual active constituent. Therefore when mixed with Fosetyl 800 Fungicide it can result in large amounts of active constituent(s) in the tank mix. Please be aware that you may need to apply the tank mix at the higher end of the water application recommendation.

## Packaging

Pack size: 2.25 kg



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**carbon  
neutral**   
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**FORMULATION  
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