

ProForce Pistol 600SC

Fungicide

Reliable protectant disease control with Pythium activity

Brown Patch



Helminthosporium disease



Fusarium Patch



Product Overview

Proforce Pistol 600SC Fungicide is a broad spectrum, contact or protectant fungicide containing 600g/L of the active ingredient Thiram.

It is registered for the control of Brown Patch, Helminthosporium, Fusarium Patch and Damping Off (Pythium) in all recreational turf situations.

Pistol 600SC is a Suspension Concentrate formulation.

Key Features

- > Contact and protectant disease control that has activity on Pythium.
- > Proven molecule for Fusarium activity in the cooler months of the year.
- > Multi-site Activity (M3). No known resistance, still very useful within the fungicide program.
- > Possesses both leaf and soil activity. Can be positioned where the disease is most active.
- > Cost effective. Suitable for large area turf usage.
- > Liquid formulation – easier to measure, mix and add to the spray tank.

Mode of Action

GROUP M3 FUNGICIDE

Thiram, the active ingredient in Pistol 600SC Fungicide is a multi-site inhibitor which acts by inhibiting spore germination and mycelial growth.

Pistol 600SC is classified as possessing a Group M3 mode of action and belongs to the Dithiocarbamate chemical family.



Pistol 600SC Fungicide – Use Rates

| SITUATION | DISEASE | RATE | CRITICAL COMMENTS |
|-----------|--|--|---|
| Turf | Brown Patch (<i>Rhizoctonia solani</i>) | 160 mL in 20 L of water per 100 m ² | Apply at first sign of disease and repeat at 7-14 day intervals, particularly in humid weather. |
| | Helminthosporium disease (<i>Helminthosporium</i> spp.) | | |
| | Fusarium Patch (<i>Fusarium</i> spp.) | | |
| | Damping Off (<i>Pythium</i> spp.) | 200 mL in 60 L of water per 100 m ² | Apply as a drench to the seedbed. Repeat every 5-7 days during disease susceptible periods. |

Damping Off



Fungicide Resistance Guidelines for Turf (Croplife Australia)

1. Fungicide groups that are classified as medium to high risk for fungicide resistance development; Groups 1, 2, 4, 7 (N3), 11 and 21 should be rotated as a key feature to reduce the development of resistance.
2. Do not apply consecutive sprays of fungicides from the same activity group, unless mixed with a registered fungicide from a different mode of action group with no known resistance.
3. Group N3 nematicides are also classified as Group 7 fungicides and consecutive application should be avoided, even if targeting different pests/pathogens.
4. If consecutive sprays are applied of fungicides from a high-risk fungicide group (i.e. Group 1, 2, 4, 7, 11 or 21) they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before the same high-risk fungicide is used again.

Maximising performance

- > Do not feed or otherwise expose treated seed to domestic animals or birds. Thiram is also used as a mammal repellent in some countries and care should be taken in using the product where Kangaroos, Deer, Feral Pigs and Rabbits are foraging or feeding.
- > Turf should be in good nutritional condition prior to treatment to prevent damage to sensitive turf species (eg Fescues, Kentucky Bluegrass and turf type ryegrass).
- > Apply at first sign of disease and repeat at 7-14 day intervals, particularly in humid weather.
- > For Damping Off – Apply as a drench to the seedbed. Repeat every 5-7 days during disease susceptible periods.
- > In soil, thiram can be degraded by microbial action or by hydrolysis under highly acidic conditions.
- > When opening the container, preparing the product and using the prepared product wear cotton overalls buttoned to the neck and wrist, elbow-length rubber gloves, face shield or goggles.