

ProForce® Envixa Duo Fungicide

Strong Systemic, Dual Action Disease Protection

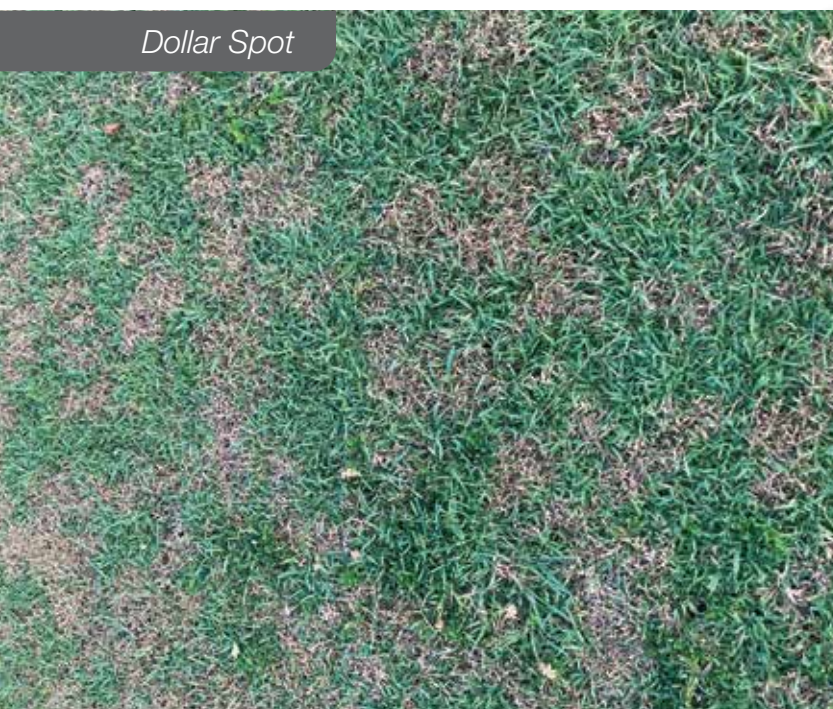
Fairy Ring



Product Overview

ProForce Envixa Duo is a versatile systemic fungicide containing two active ingredients: 120 g/L Azoxystrobin and 200 g/L Tebuconazole. This dual-active combination delivers broad-spectrum control of key turf diseases, including Fairy Ring, Dollar Spot, Helminthosporium, Anthracnose, Winter Fusarium and Brown Patch. Envixa Duo combines preventative, curative, and residual activity to provide dependable disease protection and strong turf quality outcomes across a wide range of conditions.

Dollar Spot



Key Features

- > Excellent systemic activity for improved uptake and movement within the plant.
- > Dual modes of action for broader disease control and resistance management.
- > Long-lasting residual performance, providing up to 28 days of protection.
- > Strong performance when used in preventative Fairy Ring management programs.
- > Reliable control of Dollar Spot, Helminthosporium, Anthracnose, Winter Fusarium, and Brown Patch.
- > Broad-spectrum disease control with registration across six key turf pathogens.
- > Offers Flexible integration into seasonal turf disease programs
- > Schedule 5 chemistry for improved ease of handling and application.



Envixa Duo Fungicide – Use Rates & Label Recommendations

DISEASE	RATE	CRITICAL COMMENTS
Dollar Spot (<i>Sclerotinia homeocarpa</i>) Helminthosporium Disease (<i>Bipolaris</i> , <i>Drechslera</i> & <i>Exserohilum</i> spp.) Anthracnose (<i>Colletotrichum</i> spp.) Winter Fusarium (<i>Microdochium nivale</i>) Brown Patch (<i>Rhizoctonia solani</i>)	2–3 L/ha	Apply in a sufficient volume of water to achieve thorough coverage of all foliage and plant crowns. Apply ProForce Envixa Duo Fungicide on a 21-28 day interval as part of a season-long preventative spray program for turf disease management. Use the higher rate and shorter interval when conditions are favourable for disease development. Refer to application instructions for more information on targeting foliar and crown diseases. DO NOT apply more than two consecutive sprays of ProForce Envixa Duo Fungicide before rotating to a different mode of action fungicide. DO NOT apply more than three sprays of ProForce Envixa Duo Fungicide per season.
Fairy Ring (<i>Basidiomycete fungi</i>)	3–4 L/ha	Apply to green areas where fairy ring has previously occurred. Use the low rate from the end of October to early November (prior to dry conditions) and reapply after 30 days if required. If disease symptoms are present at the time of application, use the high rate and re-apply 30 days after the first application. Refer to application instructions for more information on targeting Fairy Ring. DO NOT apply more than two consecutive sprays of ProForce Envixa Duo Fungicide. DO NOT apply more than three sprays of ProForce Envixa Duo Fungicide per season.

Mode of Action

GROUP 3 11 FUNGICIDE

Tebuconazole is a systemic fungicide that is absorbed through roots and foliage before moving upward (acropetally) throughout the plant. It exhibits curative, protective and eradicant activity. Tebuconazole belongs to the Group 3 DMI (Demethylation Inhibitor) fungicides. It controls turf pathogens by disrupting fungal membrane development through inhibition of ergosterol biosynthesis, an essential component of fungal cell membranes. By preventing the demethylation step in ergosterol production, tebuconazole inhibits fungal growth and development.

Azoxystrobin is a systemic fungicide that is absorbed through roots and foliage and moves upward within the plant. It provides preventative and curative activity, translaminar and systemic movement as well as strong residual performance. Azoxystrobin performs most effectively as a preventative fungicide within proactive disease management programs.

Azoxystrobin belongs to the Group 11 QoI (Quinone outside Inhibitor) fungicides. It controls fungal pathogens by disrupting mitochondrial respiration. Specifically, azoxystrobin binds to the Qo site of Complex III within the fungal mitochondria, interrupting the electron transport chain and preventing ATP synthesis. Without energy production, fungal growth and infection are halted.

Maximising performance

- > Prior to pouring, shake container vigorously, then add the required quantity of ProForce Envixa Duo Fungicide to water in the spray vat while stirring or with agitators in motion. Rinse the empty container with water and add rinsings to spray tank.
- > Apply by ground application equipment only. Ensure even application in order to achieve even disease control.
- > **Leaf and Crown Diseases:** Application volume for leaf and crown diseases (Anthracnose, Dollar Spot, Helminthosporium diseases, Winter Fusarium and Brown Patch) should be adequate to ensure thorough and even coverage of the turf leaves and penetration to the crowns. Ideal application volume should be 350 to 500 L/ha. For best results use medium [XR Teejet* (11004 or 10005)] to coarse [Turbo Teejet* or AIXR Teejet* (11004 or 11005)] nozzles, at 5 km/h and 3 bar pressure. In higher cut turf (≥ 15 mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.
- > **Fairy Ring:** Application volume should be as high as possible (approximately 1000 L/ha) to ensure placement close to the soil surface. When lower application volumes are used, washing in should commence as soon as possible after application. For best results use extremely coarse droplets [Turbo Floodjet* (TF5) or TurfJet* (TTJ10)] and total application volume of approximately 1000 L/ha. Preferably spray onto wet or dewy grass. Irrigate with 6 to 10 mm of water commencing within 1 hour of application.
- > Don't apply if rain is expected within 48 hours.
- > Don't apply more than two consecutive sprays of ProForce Envixa Duo Fungicide before rotating to a fungicide with a different mode of action.
- > Don't apply more than three sprays of ProForce Envixa Duo Fungicide per season.