

Fairy Ring Management with Adama Evolution

- Adama Evolution is a newly developed fungicide mixture containing 120g/L of the active ingredient Azoxystrobin and 200g/L Tebuconazole.
- This unique combination provides powerful control of Fairy Ring in turf, as both actives have excellent known activity on many of the causal organisms that produce Fairy Ring symptoms.
- Fairy Ring fungi make the soil hydrophobic, which leads to locally dry conditions that are highly stressful for turf growth.
- Fairy Rings can lead to accumulations of potentially toxic levels of ammonium and can lead to a build-up of other salts.
- There are three major types of Fairy Rings, as pictured below:



Type 1 Fairy Rings - brown rings of dead turf.



Type 2 Fairy Ring - green rings of stimulated turf growth.



Type 3 Fairy Ring - the presence of mushrooms or puffballs.

Preventative Fairy Ring Control with Evolution Fungicide

- Preventative Fairy Ring control is more effective and consistent over Curative measures.
- For effective Fairy Ring prevention, Evolution needs to be applied prior to soil temperatures reaching 21°C (use a 5-day average soil temperature at a 5cm depth) in Spring. Ideal application timing for the initial application is between 15 – 18°C (soil temperature).
- For Preventative applications, Evolution is registered to be applied at the 3L/ha rate. Two applications are needed for Prevention with a 28-day interval between applications.
- Research has shown that the application of a premium soil surfactant (ISP HydroForce Ultra) 1 – 2 weeks either side of the Evolution application provides the best performance in overcoming Fairy Ring symptoms.

Curative Fairy Ring Control with Evolution Fungicide

- To maximise curative control of Fairy Ring, Evolution should be applied as soon as symptoms develop.
- To achieve effective curative control, apply Evolution at the high rate of 4L/ha at 30-day intervals.
- A premium soil surfactant (ISP HydroForce Ultra) should be applied 1 - 2 weeks prior to and after the Evolution application to achieve maximum performance. Symptoms normally take 2 - 3 weeks to disappear following treatment.



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