



Making your soil work for you

SYMBIO DRY PATCH MANAGEMENT



- ◆ The two-step approach to dry patch management
- ◆ Symbio's solution aims to cure the causes not just remove the symptoms of dry patch
- ◆ A long-term solution giving rapid gains in summer sward quality

HYDROAID YUCCA WETTING AGENT

(Combined wetting agent and biostimulant)

A natural extract derived from *Yucca schidigera* is an ideal alternative to synthetic surfactants, wetting agents and soil penetrants and is completely non-phytotoxic.

HydroAid breaks down the waxy coating that prevents water from entering the plant in the same way as conventional wetting agents.

HydroAid is a sugar based surfactant that also stimulates soil microbes and amplifies the effect of your programme to increase the health of your soil.

HYDROAID PLUS

For severe dry patch, when an immediate response is necessary, we recommend HydroAid Plus, a powerful non-ionic surfactant that will quickly remove the natural waxes and proteins that cause hydrophobic conditions, allowing water to penetrate the root zone.

APPLICATION and TIMING

In an average summer apply every three to four weeks, starting a few weeks before dry patch becomes a problem.

HydroAid may be tank mixed with Symbio Aquacept, biostimulants, liquid feeds and seaweed.

Apply with at least 500 litres of water per hectare.

SYMBIO AQUACEPT

(A new development in dry patch management)

Many turf managers experience a hydrophobic layer 4-6cm thick occurring just below the thatch layer. It often occurs in conjunction with or near fairy rings, and causes weak grass susceptible to disease and wear that many wetting agents cannot reach.

The hydrophobic layer is caused by organic hydrophobins excreted by fungi that coat the soil particles. The bacteria in Aquacept are chosen for their ability to digest these hydrophobins and out-compete the fungi for nutrient, removing the cause of the problem.

APPLICATION and TIMING

Aquacept is applied at 5kg per hectare dissolved in lukewarm water and added to your spray tank with 300-600 litres of water/hectare. Apply by itself or mixed with Symbio HydroAid. Fill the tank up with water the night before application to let chlorine dissipate.

To spot treat problem areas, fine into the hydrophobic layer and apply by backpack sprayer or watering can. Mix 0.5kg with a minimum of 20 litres of water for 250m² and then irrigate as usual.

Dry patch is often made worse by excessive thatch or antagonistic fungal activity. For advice on the best way to solve the underlying causes of dry patch, contact your local Symbio advisor.



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