

scien

## Thatch target for turf disease control



e-tech bulletin

Golf greens currently contain surface thatch levels on average 60% higher than is desirable for optimal turf health and playability, according to the STRI.

Some parkland courses were reported with more than 25% organic matter in the top 20mm, compared to a target of four to six percent.

Even links courses were found to have up to 12% organic matter extending down to 40mm from the surface, with an average 7% in the top 20mm that is still 40% above the target level.

STRI agronomists warn excess organic matter retains greater moisture that leads to:



INCREASED DISEASE PRESSURE

High levels of thatch in greens surfaces pose a serious risk of earlier and more severe disease outbreak this season:

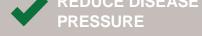
ORGANIC MATTER PROVIDES THE IDEAL CONDITIONS FOR THE SPORES OF MICRODOCHIUM PATCH (FUSARIUM) TO SURVIVE

AS SOON AS CONDITIONS BECOME WET - FROM RAINFALL OR EVEN DAMP DEWY MORNINGS - THEN ATTACKS CAN BE TRIGGERED

Targeting spores in the thatch with well-timed proactive Medallion TL applications can help to:



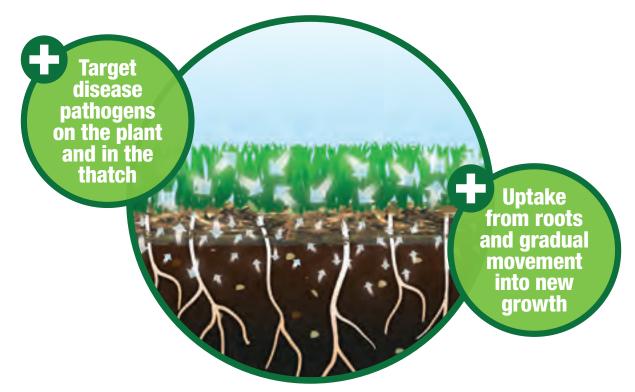




The aim is to limit disease pressure as early as possible.

Results have clearly shown that going into the winter with clean turf gives the greatest chance of coming out with clean surfaces and better playing conditions in the spring.

The fludioxonil in Medallion TL is the only Contact+ active proven to target disease in the thatch and on the leaf surface.



The long-lasting results gives greenkeepers confidence and peace of mind that turf is safely protected through difficult conditions.

The long-term reduction in organic matter is an important element of an Integrated Turf Management (ITM) approach. In practice, many greenkeepers are constrained by:

- Budget costs of remedial measures
- Interruption in play that affecting playability and club revenue
- Increased risk of turf stress triggering disease attacks

Loss of turf quality from disease attacks in the autumn has the most serious impact on playing surface performance for golfers, with little chance of recovery for many months.

Turf loss now results in serious loss of income over the winter, and significantly increased cost of recovery and restoration in the spring.



- Switch greens to remove dew
- Apply Medallion TL to reduce disease pressure
- Manage nutrition to avoid soft growth flush
- Be aware of high risk weather conditions
- Use GreenCast to time fungicide treatments



Look into the future of Turf Science with Syngenta at BTME 2015 - Stand B52



Syngenta UK Ltd. Registered in England No. 849037. CPC4, Capital Park, Fulbourn, Cambridge CB21 5XE. Tel: 01223 883400 Fax: 01223 882195 Email: customer.services@syngenta.com Web: www.greencast.co.uk

GREENCAST®, QUALIBRA®, HERITAGE MAXX® and PRIMO MAXX® are registered trademarks of a Syngenta Group Company. PRIMO MAXX (MAPP 14780, PCS 03879) contains trinexapac-ethyl. HERITAGE MAXX (MAPP 14787, PCS 03978) contains azoxystrobin. All other brand names used are trademarks of other manufacturers in which proprietary rights may exist. Use plant protection products safely. Always read the label and product information before use. For more information including warning phrases and symbols refer to www.greencast.co.uk © Syngenta AG November 2014. GQ 05760.

Distributed in the UK by Everris Limited Tel: 01473 201100 Email: prof.sales@everris.com Web: www.everris.co.uk

You have received this communication from Syngenta Turf and Landscape (which is a trading name of Syngenta UK Limited) either because (a) you have signed up to receive email communications from Syngenta UK Limited and our Affiliates or (b) because you have previously expressed an interest in, or purchased from us, Syngenta products and, at the time, you did not opt out of receiving email communications. If you do not want to receive future emails from us about Syngenta Turf and Landscape products, please write to caroline.carroll@syngenta.com (or http://www.greencast.co.uk/feedback) to let us know you would like to unsubscribe from our Turf and Landscape marketing list.

© 2014, Syngenta UK Limited. All rights reserved. The information contained in this publication is proprietary. It may not be photocopied or reproduced in any form. Editorial 2014. The Syngenta Wordmark is a registered trademark of a Syngenta Group Company.

Syngenta CPC4 Capital Park, Fulbourn, Cambridge CB21 5XE Tel: 01223 883 400 Fax: 01223 281 166 Email: customer.services@syngenta.com Website: www.greencast.co.uk