



## GreenCast improves turf disease control

### In Brief

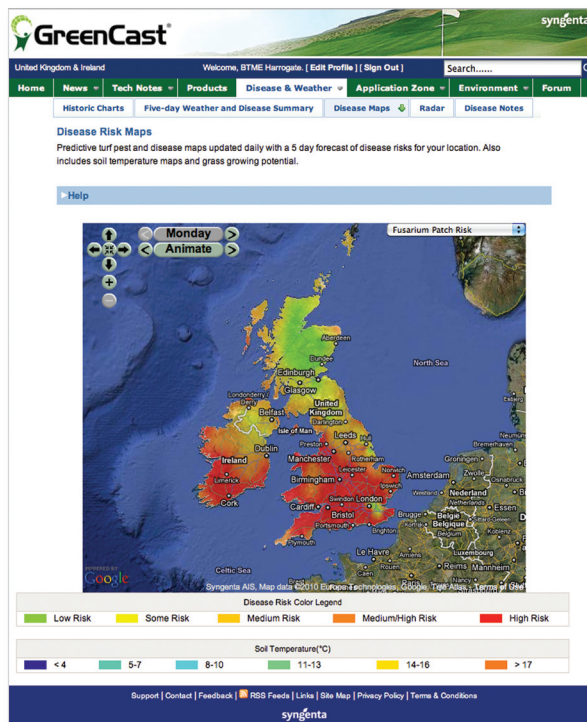
Knowing when disease is going to strike enables turf managers to stay ahead of the game

Climate change and pressure for high quality turf is changing the way turf disease must be managed

Better timing of fungicide applications assures the best results and minimal turf damage

GreenCast is an essential new turf management tool to help maintain high quality turf more effectively

GreenCast records enable turf managers to justify all inputs



### GreenCast predicts

**Using GreenCast as part of the decision making process can help turf managers stay ahead of the game.**

GreenCast disease forecasting will:

- Achieve more proactive management of quality turf
- Enable turf managers to time fungicide applications more accurately, to prevent disease causing visible damage
- Make more effective use of preventative fungicides
- Achieve better quality turf, with potential to reduce overall fungicide use and cost over the course of the season

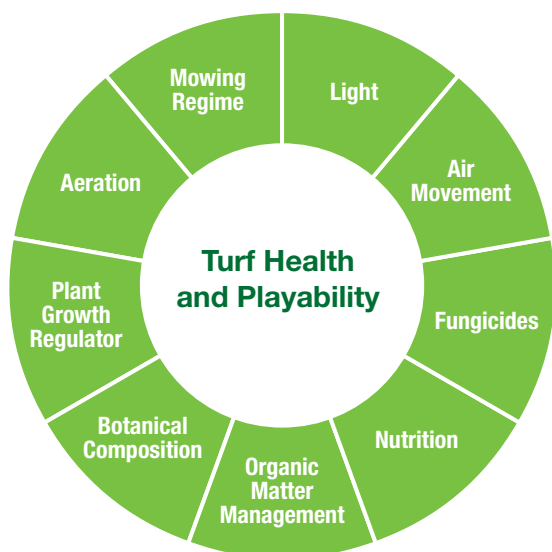
### Easy to start – free to use

If you have never used GreenCast before, it is very easy to get started, simple to use and quick to access the vast wealth on the UK's most comprehensive turf management website:

- Key [www.greencast.co.uk](http://www.greencast.co.uk) into your browser**
- Click on 'register' in the top blue bar**
- Complete the simple registration form**
- Weather and disease forecast pages will automatically be selected for the nearest weather station, but can be personalised to an alternative station if desired**
- Use the green navigation bar to open and view the comprehensive topic areas on the GreenCast site**
- Disease risk forecasts • Five day weather forecast • Weather radar  
Turf growth predictor • Historic disease and weather records  
Disease ID and management advice • Fungicide application advice  
Plus much more...**

## Integrated Turf Management

GreenCast supports the sound agronomic principle of Integrated Turf Management (below), to maintain turf in optimum health and achieve long-term disease control.



The risk forecasts provided by GreenCast are an important part of supporting turf management decisions. To achieve the best and most reliable results, use GreenCast in conjunction with an indicator green, along with monitoring of soil and air temperature, allied to sound agronomic advice and local knowledge.

GreenCast provides ITM advice for key turf diseases and will help turf managers select the most appropriate fungicide programmes for specific disease situations, utilising all the products from the Syngenta range.

The following guidelines are designed to help turf managers begin using GreenCast on their turf. Comparing the GreenCast predictions with what actually occurs on turf will enable turf managers to utilise information more effectively and give greater confidence in the system.

### Interpreting the GreenCast forecast

GreenCast Risk Forecast	Disease Activity	Action Required
Low Risk	Disease activity under normal conditions is unlikely to develop on healthy turf.	In most instances no action is likely to be required. However, be aware that certain management practices, such as irrigation may create local conditions conducive to disease, or stress induced by drought or pests may make turf more susceptible to disease.
Some Risk	Disease activity may develop during prolonged periods of low risk.	A prolonged period of disease pressure categorised as Some Risk could allow disease to develop and require treatment; if in doubt, apply a preventative fungicide. In many instances there may be no need for treatment, providing turf is growing healthily.
Medium Risk	Disease pressure will increase and there is a good chance that infection will take place.	Warnings of Medium Risk trigger the need to apply preventative fungicide treatments, particularly if there is a period of several days of Medium Risk. Areas of turf especially susceptible to disease, such as shaded greens, should be treated as at High Risk at this time.
Medium/High Risk	Disease will be active and infection is likely to take place.	Medium/High Risk highlights that there is a significant chance disease will break out.
High Risk	Disease is very likely to occur.	When High Risk is forecast aim to apply a preventative fungicide, 24 to 48 hours before the risk period. If an application is missed after a High Risk warning, use of a fungicide with curative and preventative activity.

## Art of Application

CALIBRATE | SPRAY | REPORT | DELIVER

### How to use GreenCast disease forecasting system

GreenCast provides a valuable early warning of potential risk of all key UK turf diseases and major turf management issues for the coming five days, using a combination of maps and charts.

Diseases and turf problems covered by GreenCast forecasting include:

Fusarium Patch (Microdochium Patch)

Anthrachnose (foliar)

Dollar Spot

Take-all Patch

*Poa annua* germination

*Poa annua* seed head production

