The **balance** of **power**...
...is in your hands

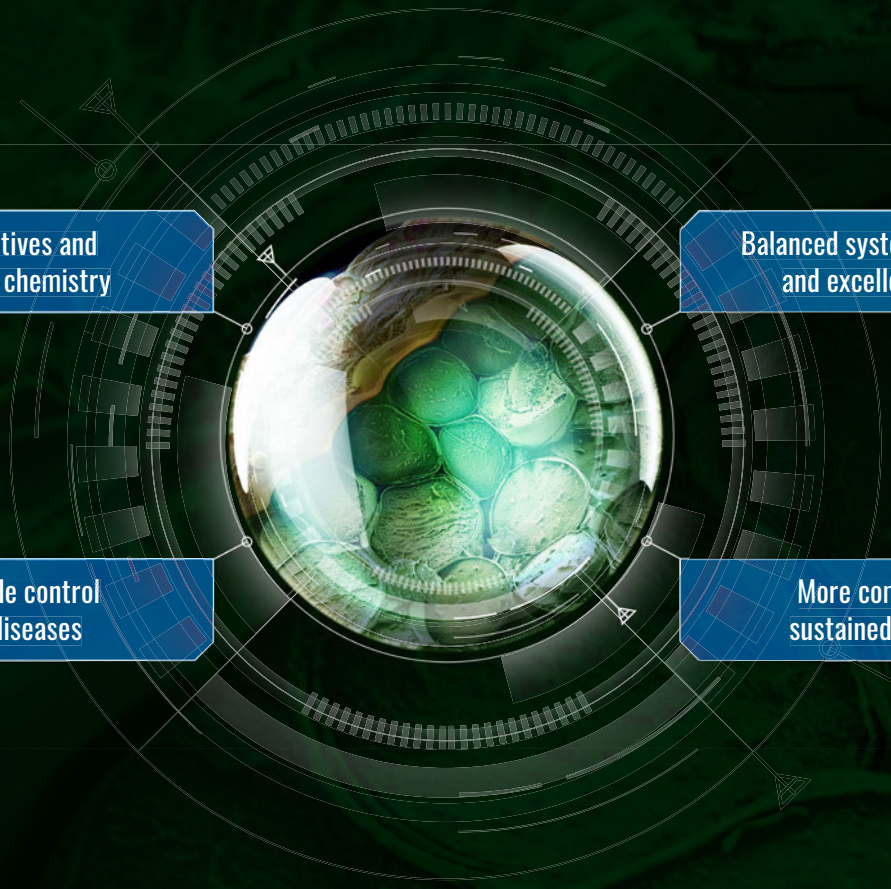
Ascernity™
Fungicide

syngenta®

™

ASCERNITY – THE POWER IS IN YOUR HANDS

ASCERNITY is the innovative new balanced-systemic turf fungicide from Syngenta, developed to achieve reliable sustained disease control.



Two new actives and new class of chemistry

Balanced systemic movement and excellent stability

More reliable control of tough diseases

More complete and sustained protection

NEW CHEMISTRY AND NEW MODE OF ACTION

It's the first opportunity to utilise the exciting new chemistry to protect better playing surface quality for today's more demanding players.

TWO ACTIVES AND TWO DIFFERENT MODES OF ACTION

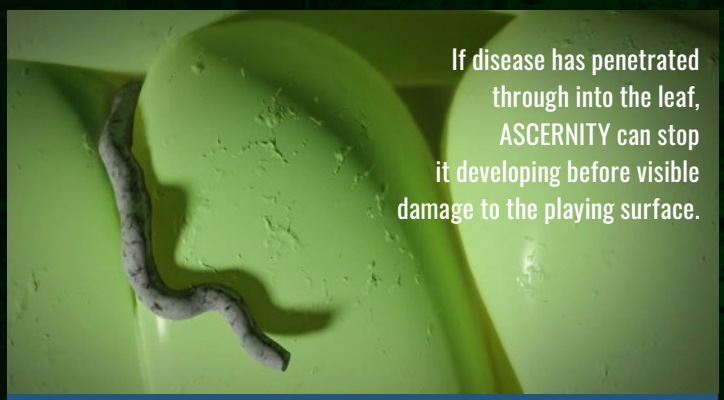
TWO actives and TWO different modes of action targets disease at different stages » greater flexibility in application timing and control.

STOP DISEASE SPREAD

The earlier that disease can be stopped, the less damage is caused to the turf plant. Preventing fungal hyphae initially g

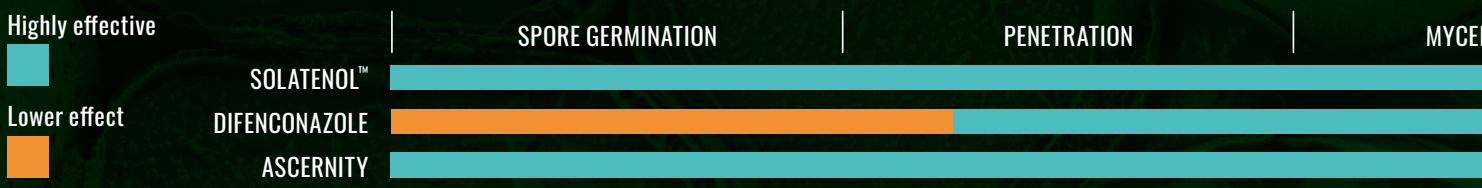
ASCERNITY stops germinating spores from developing hyphae on the surface – before it gets into the plant.

PREVENTATIVE



If disease has penetrated through into the leaf, ASCERNITY can stop it developing before visible damage to the playing surface.

PREVENTATIVE



Control of disease at the early stages of infection

- Prevent leaf damage
- Reduce stress on plants
- Break disease cycle

- Protect playing surface quality
- Keep turf stronger and healthier

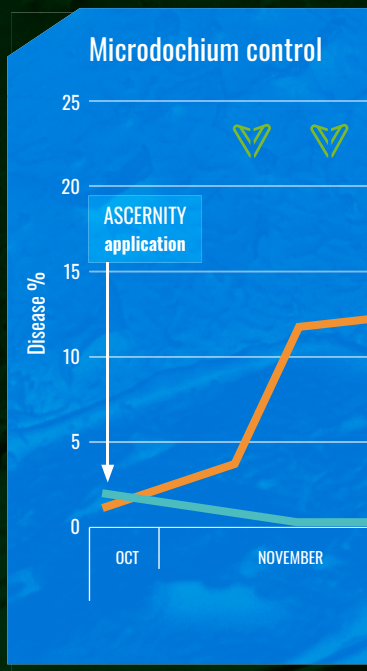
As fungal disease develops in the leaf it draws glucose sugars produced by the plant to grow. Ascernity effectively blocks the disease cells' ability to absorb the plant's sugars – quickly stopping further development and halting disease spread.

1st

» **FIRST pyrazole-carboximide class of fungicide technology for turf in the UK**

EXCEPTIONAL PR

Over 80 trials across Europe has sh
offered by ASCERNITY.



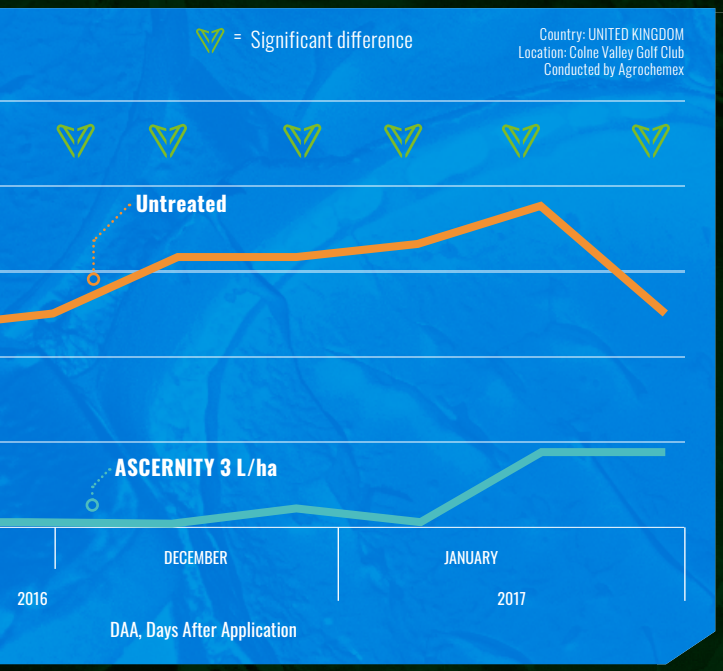
getting into the leaf offers the best first line of defence.

CURATIVE

LIAL GROWTH | BLISTERING

OTECTION

own the exceptional reliable and sustained disease protection



BROAD-SPECTRUM CONTROL

ASCERNITY provides outstanding control of a broad-spectrum of key turf diseases including:

Microdochium Patch
Anthracnose
Dollar Spot

APPLICATION ADVICE

Apply ASCERNITY during periods of active turf growth prior disease development or at first stages.

Timing	Product rate	Water volume	Timing
Apply preventively to early curative Preventative applications provide superior performance and longevity	3 l/ha	200 – 400 l/ha	During periods of active growth

Trials have shown ASCERNITY can be safely applied at any stage of turf growth, from two leaves onwards. No phytotoxicity has ever been recorded in over 80 trials in nine countries on a range of cultivars of all key turf species.

Ascernity™ Fungicide

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BALANCED SYSTEMICITY GIVES SUSTAINED PROTECTION

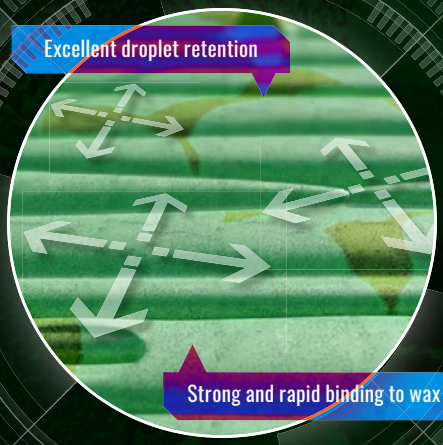
ASCERNITY offers a new way to achieve reliable protection of turf health against disease infection.

- » **NEW** pyrazol-carboximide fungicide technology for turf
- » **COMBINED** with NEW high-performance triazole
- » **BALANCED** systemicity delivers sustained protection throughout the leaf

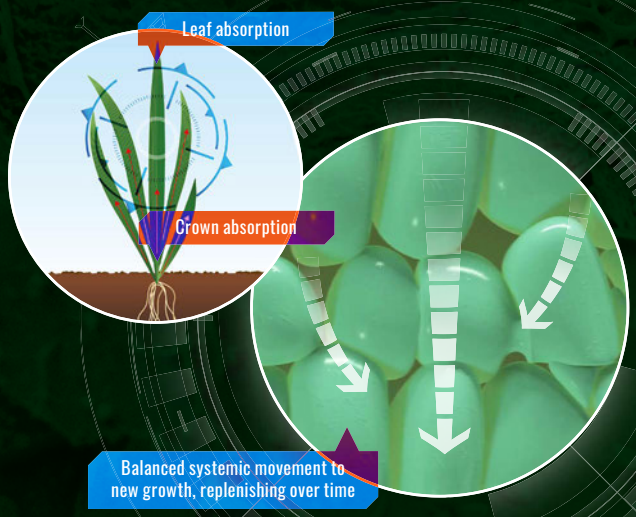
The advanced formulation of ASCERNITY has been designed to create a protective coating on the leaf surface, AND to move evenly through the plant to counter disease already active in the leaf.

Unlike some systemic actives, ASCERNITY stays evenly distributed through the leaf.

- » Some actives move quickly to the leaf tip, leaving parts of the plant unprotected
- » Some actives don't move sufficiently to protect all the plant and new growth



The balanced systemicity of ASCERNITY ensures the whole plant leaf remains protected for longer – with sustained disease control.



ASCERNITY is extremely stable within the leaf. Even 14 days after application studies have shown no degradation or dilution in the leaf.

Distribution profile of active in 4 leaf segments quantified 10 days after application.

The balance of translaminar and systemic uptake from leaf, stem, crown and axil points, retains the disease-fighting active throughout the growing leaf.

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OPTIMUM USE PERIOD

Used as a strategic part of an integrated Turf Management plan, ASCERNITY can assure a sustainable long-term future for effective turf disease control.

Always read the label before use and follow country specific information.	
Application rate	3 l/ha
Pack size	3 litres
Water volume	125 – 500 l/ha
Number of applications	2 per year
Areas of use	Managed amenity turf
Active ingredients	Solatenol™ + Difenoconazole
Formulation	Suspension concentrate
Rate of active (per ha)	70 + 235 g/ha
Label diseases	Microdochium patch, Dollar spot and Anthracnose
Activity	Dual systemic

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Email: product.technical_enquiries@syngenta.com Web: www.syngentaturf.co.uk

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