



InterfaceTM

Do you
want
the latest
innovation
in
turf fungicide



InterfaceTM with



Introducing Interface™ with StressGard™ Formulation Technology

Bayer understands the importance of turf being at its best. Healthy turf is the foundation for high performance sports turf surfaces and intelligent turf management. Interface™ is a new generation turf fungicide which delivers thorough disease control leading to visibly healthier turf.

The new generation of turf fungicide

- ✓ **Powerful** – delivers unsurpassed* disease control and long lasting protection against 6 key turf diseases leading to visibly healthier turf
- ✓ **Innovative** – the 1st UK turf fungicide formulated using StressGard™ FORMULATION TECHNOLOGY
- ✓ **Flexible & Convenient** – can be used at any stage of disease and at any time of the year
- ✓ **Unique packaging** – delivered in our unique smartline packaging for improved handling and better performance
- ✓ **Peace of mind** – Intelligent Turf Management

The science behind healthy turf

Our mission is to support Turf Managers in their quest to deliver the ultimate playing experience. This means controlling turf disease, managing turf stress and maintaining turf quality. Bayer has led the way for over 30 years, building on the strengths of market defining products and we continue to research, develop and test new innovations.



After 15 years of Research and Development, we are launching the first turf fungicide with StressGard™ Formulation Technology offering unsurpassed* results in disease stress management.



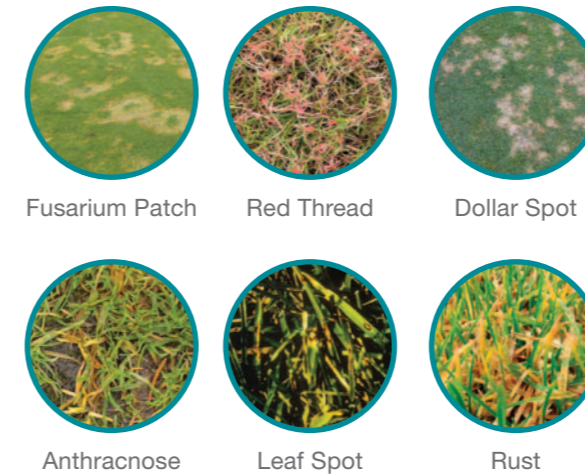
Photo shown is not actual product and is for representation purposes only.

Powerful

Interface™ delivers unsurpassed* disease control against 6 key turf diseases leading to visibly healthier turf

Interface™ is our first turf fungicide with StressGard™ Formulation Technology. The formulation has been fine tuned to upgrade the performance of the product, providing superior disease control leading to visibly healthier turf.

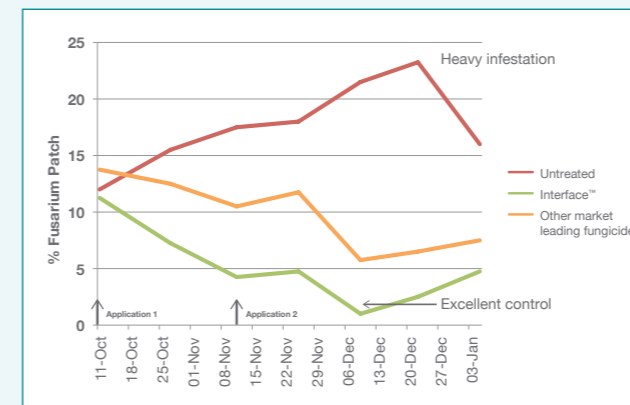
Interface™ controls



Superior efficacy* in **6 key turf diseases**

Independent trials carried out have proven results

Fusarium Patch (*Microdochium nivale*) control – Interface™ used as a curative/eradicator

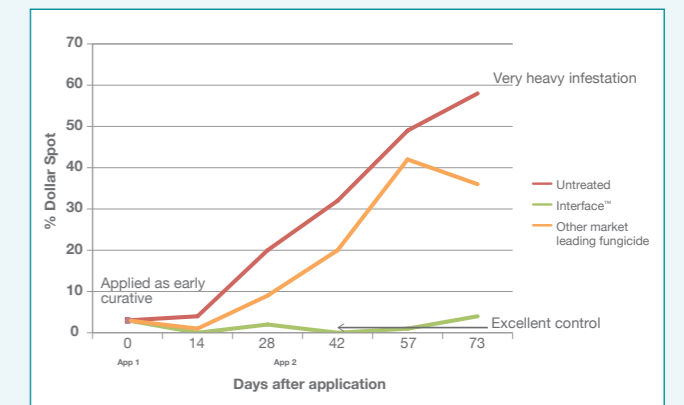


Trials conducted by Dr. Ruth Mann, Sports Turf Research Institute (STRI), October - January 2011.

Interface™ offering excellent control of Fusarium during very heavy disease pressure, other fungicides didn't perform as well.



Dollar Spot (*Sclerotinia homoeocarpa*) control – Interface™ used as an early curative



Trials conducted by an independent contractor, July - October 2009.

Interface™ offering excellent control of Dollar Spot during very heavy disease pressure, other fungicides didn't perform as well.

*Compared to Bayer's existing fungicides

Innovative

Interface™ is the 1st UK fungicide developed using

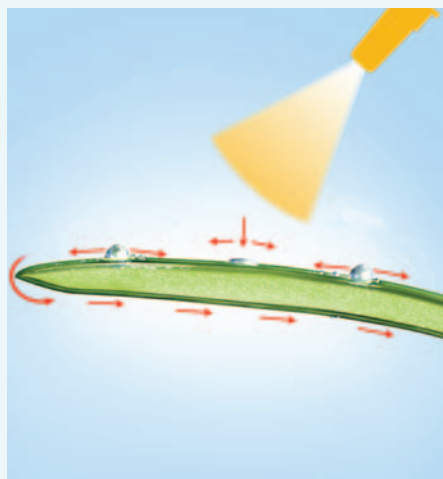


StressGard™ Formulation Technology is unique to Bayer, has taken over 15 years of Research and Development and has been specifically designed for turf.

StressGard™ Formulation Technology is our most advanced turf formulation yet. The formulation has been fine tuned to upgrade the performance of the product, providing superior disease control leading to visibly healthier turf.

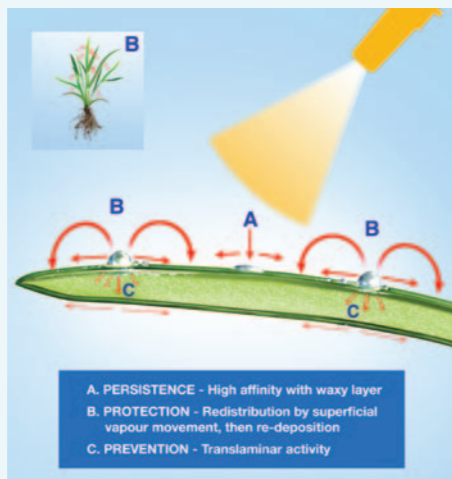


Interface™ controls disease via two modes of action – contact and mesostemic.



Contact

- ☑ Fungicide remains on the leaf surface, acting as a shield
- ☑ Provides a barrier to protect against infection



Mesostemic

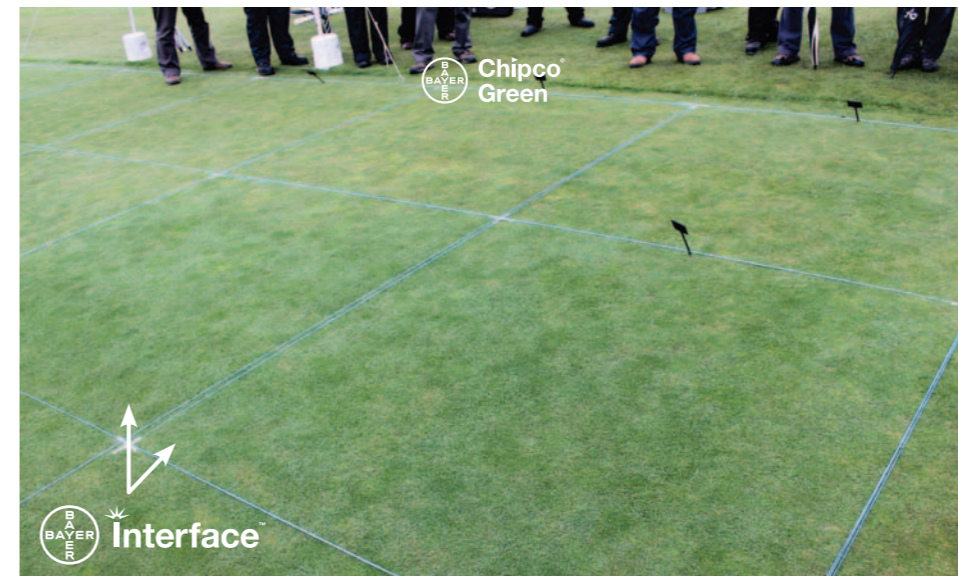
- ☑ Creates weather resistant reservoir on plant's surface
- ☑ Reservoir retains fungicide
- ☑ Enables continual penetration and replacement of active ingredients



Turf fungal disease is a year round problem in the UK, so having a product like Interface™ with contact and mesostemic properties that can be used regardless of season is very useful.

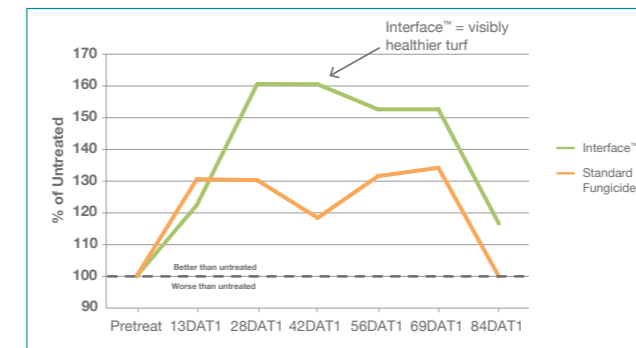
Interface™ is a powerful combination of 256g/L iprodione and 16g/L trifloxystrobin formulated using StressGard™ Formulation Technology.

Interface™ alleviates disease stress, improving quality leading to visibly healthier turf.



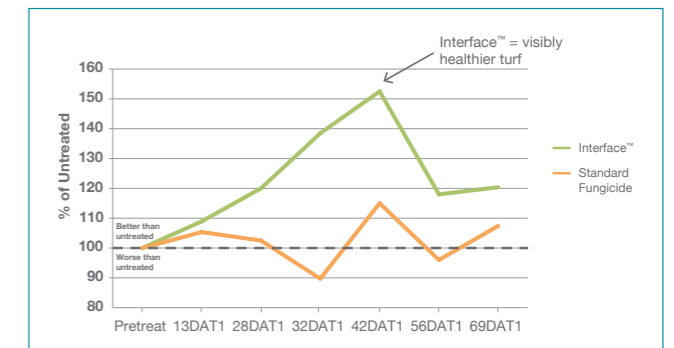
In trials Interface™, applied curatively, showed excellent control of microdochium patch during a period of increased turf stress due to prolonged snow cover compared to other turf fungicides tested. Plots treated with Interface™ also had the best turf quality and were healthier looking.

Improved Turf Quality



Trials conducted by Dr. Ruth Mann, STRI, October - January 2011. Turf quality improves when Interface™ is used, while the other market leading fungicide tested had less effect on quality.

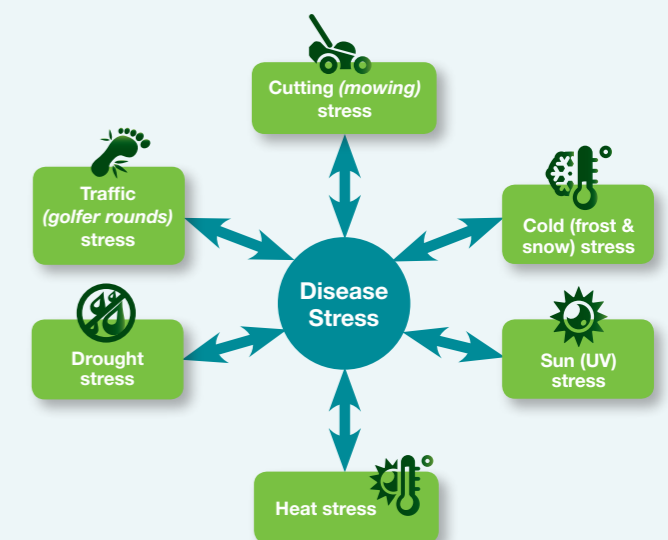
Improved Turf Colour



Trials conducted by Dr. Ruth Mann, STRI, October - January 2011. Turf colour improves when Interface™ is used, while the other market leading fungicide tested had little or no effect on colour.

Turf undergoes immense stress. When turf is fighting disease it is using up vital energy and depleting its natural reserves. StressGard™ Formulation Technology helps the plant to thrive under disease stress conditions.

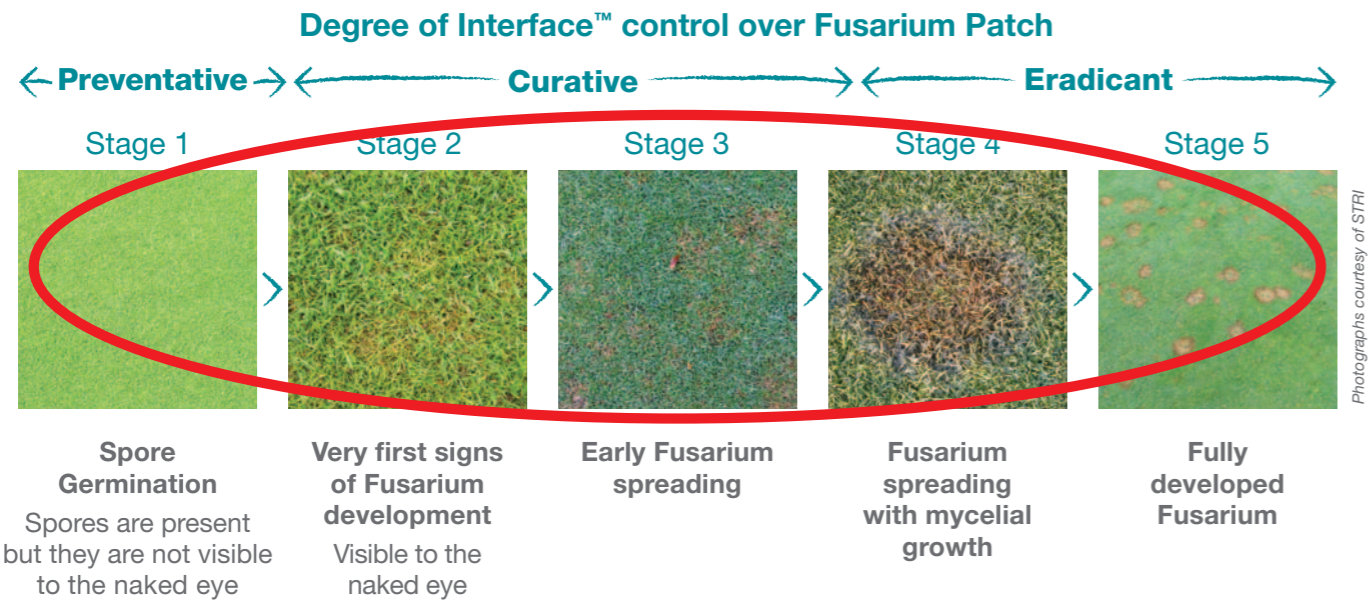
Disease stress is at the core of all other stress factors. Interface™ alleviates disease stress which leaves turf less susceptible to other stress factors such as heat, drought, cold and cutting.



Flexible & convenient

Interface™ can be used throughout the year or to complement your existing Bayer turf fungicide programme

As a stand alone solution, Interface™ prevents, cures and eradicates with long lasting control. It's all-season friendly and its technical innovation offers a single solution to disease control and beyond.



Where?



Golf greens, tees and fairways



Professional sports grounds/stadiums



Bowling greens



Cricket pitches



Lawn tennis courts

When?

- During the spring/summer/autumn when turf is actively growing; during the winter when turf is slow growing or near dormant; or at times of increased disease stress.
- For best results apply just before or at the first signs of disease to prevent scarring.



Integrated Disease Management (IDM) Approach

Successful control of turf disease relies on an IDM approach incorporating effective cultural practices (e.g. dew removal, appropriate fertiliser levels) alongside a turf fungicide programme. Interface™ (Dicarboximide and Strobilurins) can be integrated into your existing Bayer turf fungicide program to ensure rotation of fungicide groups. It is a perfect partner for Chipco® Green (Dicarboximide) or Dedicat® (DMI and Strobilurins).

Suggested yearly applications:

- 3 x Interface™ + 1 x Chipco® Green
- 2 x Interface™ + 2 x Dedicat®
- 2 x Interface™ + 2 x Chipco® Green
- 2 x Interface™ + 1 x Dedicat® + 1 x Chipco® Green

How?

- Knapsack
- Vehicle mounted hydraulic sprayer
- 10L Interface™ in 400 - 600 litres of water per hectare of turf

Application Equipment			
Vehicle mounted Hydraulic Sprayer		Knapsack Sprayer	
Rate/ha	Water/ha	Rate/100m ²	Water/100m ²
10L	400 - 600L*	100ml	4 - 6L
		Rate/500m ²	Water/500m ²
		500ml	20 - 30L



*Bayer CropScience has reviewed the risk assessments for its products and it is possible to reduce the application water volume below the minimum stated on the Interface label (400L/ha). Please contact us on 00800 1214 9451 for further advice.

Unique

Interface™ comes in our unique smartline pack for improved handling and better performance

smartline

works well *easily.*

Better performance
– improved pouring, handling, emptying and rinsing



Improved handling
– seal-free closing system and more comfortable grip



Secure – with tamper proof caps



Sustainable – less material uses less energy to produce and transport

- ☑ **Easy twist cap** – even with gloves
- ☑ **Wide mouth** – for easy pour and slug-free emptying
- ☑ **Tamper resistant**
- ☑ **Seal-free secure closing system**
- ☑ **Foil-free caps for easier recycling**

- ☑ **Ergonomic handle**
– for better grip and shaking-up of product

- ☑ **Translucent bottle**
– allows level to be easily viewed
- ☑ **Easy to rinse container shape**
- ☑ **Reduced packaging**



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Peace-of-mind

Interface™ is an intelligent turf management solution

Peace of Mind – Intelligent Turf Management

Bayer is proud to bring you Interface™ for intelligent turf management! With a NEW unique StressGard™ Formulation Technology, years of research and the trusted excellence of Chipco® Green as a foundation, the Bayer team is confident that they are bringing you their most powerful turf fungicide to date.

Less disease stress on the turf, less stress on you!

Using Bayer's newest and latest innovation in turf fungicide brings you peace of mind. It is natural that you want only the best conditions for your customers, so you can sleep easy knowing that Interface™ is on hand to combat disease stress. Whether you need to prevent, cure or eradicate turf disease, Interface™ has the power to make the most of your turf.

Trust Bayer. Use Interface™. Enjoy Intelligent Turf Management!

Graham Pickin Thornhurst Park Golf Club, South Yorkshire

“ I could see early signs of disease in the turf and seeing as the product has early curative properties as well as preventative, I thought this would be fine. I applied the product and it nipped the disease in the bud immediately. ”



Location photography: Newmarket Links Golf Club

Testimonials

Interface™ triallist comments



Steve Privett
Alresford Golf Club
Hampshire

“ I treated three greens which are most susceptible to Fusarium with Interface™... Over the June bank holiday weekend the disease on the three trial greens vanished whereas fusarium appeared as 2” scars on the other greens...The trial turf recovered very well, potentially quicker than normal, which I think is evidence of the StressGard™ Formulation Technology doing its job. ”



Colin Robinson, Course Manager
Kings Lynn Golf Club
Norfolk

“ In mid-August I applied Interface™ to treat a Fusarium outbreak on one of my greens. Interface™ seemed to last 2-3 weeks longer than my usual fungicide which is great news. The greens treated with Interface™ also retained a better colour. Overall, I was very impressed with Interface’s™ performance. ”



Mike Dyer
Amenity UK

“ Interface™ was extremely long-lasting. I was expecting 4 weeks – it states 28 days on the label – but in fact I got just over 6 weeks which is excellent. This could mean that I will have to apply it less frequently which means less man hours and that is helpful but more importantly the peace-of-mind that these problems are dealt with for longer – that’s great. ”

For more detailed case studies of Interface™ trials please visit www.interfacefungicide.com



Graham Pickin
Thornhurst Park Golf Club
South Yorkshire

“ I’ve had very positive results with Interface™, it kills the pathogen immediately. I’ve noticed a considerable greening up effect on the greens I’ve tested, there seems to be more vigour to the turf compared to the greens I haven’t used the product on, which is excellent. ”



Frequently Asked Questions

Q What are the active ingredients in Interface™?

Interface™ is a powerful combination of 256g/L iprodione and 16g/L trifloxystrobin formulated using StressGard™ Formulation Technology.

Q What is StressGard™ Formulation Technology?

Without the right formulation, even the best active ingredients can be wasted. StressGard™ Formulation Technology is our most advanced formulation technology yet which has taken over 15 years of Research and Development.

StressGard™ Formulation Technology is a unique combination of active ingredients, inert ingredients and turf specific co-formulants. It is the combination of these which help the product perform so well in unique turf disease stress conditions.

StressGard™ Formulation Technology is specifically designed for turf and has been fine tuned to upgrade the performance of the product, providing superior disease control leading to visibly healthier turf.

Q When do I use Interface™?

Interface™ can be used all year round due to its contact and mesostemic modes of action. Interface™ will work when the grass is either dormant or actively growing.

Q What is Mesostemic mode of action?

Mesostemic mode of action is best described by the 3 Ps:

- Persistence - high affinity with the leaf’s waxy layer
- Protection - redistribution by superficial vapour movement
- Prevention - translaminar activity (moves through the leaf from one side to the other).

For more Frequently Asked Questions, please visit: www.interfacefungicide.com



Q What is Contact mode of action?

A fungicide with a contact mode of action will remain on the leaf surface acting as a shield, protecting against disease attack.

Q My disease is advanced, can I still use Interface™?

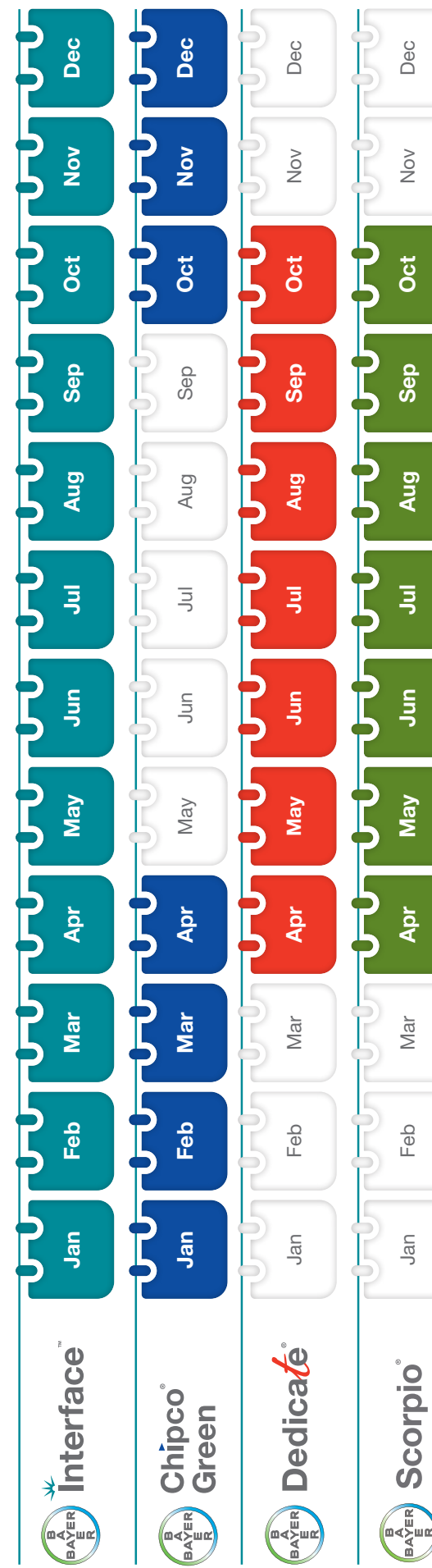
Yes. Interface™ has been formulated and successfully tested having a preventative, curative and eradicant activity on disease control. However, for the best results Interface™ should be used just before or at the first sign of disease to avoid disease scarring.

Q Will my disease scars heal if I apply Interface™?

Interface™ will control existing disease and stop further scarring/damage. Any scars produced by the disease before an Interface™ application will take a number of weeks to recover due to natural turf regrowth.

The Bayer Turf Fungicide Calendar

Bayer has a comprehensive and highly effective range of complementary turf fungicide products that can be used throughout the year for unsurpassed disease control.



Q Do Bayer have any other Turf Fungicide products?

Bayer offers a range of turf fungicides which can be used individually or as part of an integrated disease management programme.

Chipco® Green



Chipco® Green is the UK's no 1 turf fungicide. Tested and proven for over 30 years on some of the most prestigious turf around the world. It offers broad spectrum control against Fusarium, Red Thread, Dollar Spot, Anthracnose, Leaf Spot and Rust. Developed specifically for use on all types of professional turf.

Dedicate®



Dedicate® is a contact and systemic turf fungicide which both cures and prevents Fusarium Patch, Red Thread, Dollar Spot, Anthracnose and Rust. Developed specifically for use on all types of managed amenity turf, Dedicate® may be applied to golf courses, institutional, commercial and residential lawns, sports fields, parks, bowls and cricket pitches, municipal grounds and cemeteries.

Scorpio®



Scorpio® has a mesosystemic mode of action, delivering highly efficient preventative and curative control of a broad spectrum of turf diseases including Fusarium and Red Thread. It has been developed for use on managed amenity turf, ornamental lawns and municipal grounds.

CHIPCO® GREEN contains 255g/L (25% w/w) iprodione (MAPP 13843) (PCS 02714). DEDICATE® contains 200g/L (18.2% w/w) tebuconazole and 100g/L (9.10% w/w) trifloxystrobin (MAPP 13612). INTERFACE™ contains 256g/L iprodione and 16g/L trifloxystrobin (MAPP 16060). SCORPIO® contains 500g/kg (50.0% w/w) trifloxystrobin (MAPP 12293) (PCS 02551).

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE. PAY ATTENTION TO THE RISK INDICATIONS AND FOLLOW THE SAFETY PRECAUTIONS ON THE LABEL.

Our mission: “Bayer: Science For A Better Life”

Bayer is an inventor company with a long tradition of research. By applying science to the major global challenges, we deliver innovations that address unmet customer and market needs.



Bayer

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INTERFACE™ contains 256g/L iprodione and 16g/L trifloxystrobin.

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE. PAY ATTENTION TO THE RISK INDICATIONS AND FOLLOW THE SAFETY PRECAUTIONS ON THE LABEL. (MAPP 16060)



Interface™

Bayer's most powerful turf fungicide offering the most thorough disease control leading to visibly healthier turf!



To find your local distributor and for further information call **00800 1214 9451** or visit www.interfacefungicide.com

Download the New
TurfXpert app NOW!



FREE



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www.interfacefungicide.com