



**syngenta**®

## Heat, humidity and DMI are now compatible

**Briskway® fungicide combines the DMI (Demethylation Inhibitors) active ingredient called difenoconazole with azoxystrobin, the proven strobilurin active ingredient found in Heritage® fungicide. The differing modes of action from azoxystrobin and difenoconazole work together at a calculated rate that performs in high temperatures reducing the risk of harmful side effects. Together, they enable Briskway® to control a broad spectrum of diseases, including pink patch and brown patch, while delivering the plant health benefits of azoxystrobin-all without PGR effects.**

### Disease control for any region.

**Briskway® controls a board spectrum of diseases on many types of turfgrass under varied climatic conditions.**

- Over 10 summer diseases are controlled, making it essential for a strong resistance management program
- For use on Bermudagrass at any height of cut
- Applications can be made at low use rates in any region susceptible to hot and humid climates

### Modes of action that work together to beat the heat.

**Difenoconazole - A gradually systemic and highly translaminar DMI that delivers these benefits:**

- Dollar spot and anthracnose control
- Excellent rainfastness from rapid uptake into leaf tissue
- No growth regulation effect

## Briskway®'s dual mode of action make it an excellent resistance management tool:

Azoxystrobin belongs to the strobilurin group of fungicides controlling pathogens by inhibiting energy production in the mitochondria, a mode of action otherwise known as a Quinone Outside Inhibitor (QoI) fungicide. Difenoconazole belongs to the triazole group of fungicides. This group of fungicides control pathogens in a different way. The triazoles act on hyphal growth inside the plant by disrupting ergosterol production, which is essential for cell membrane integrity and function; basically triazoles disrupt the cell membrane of the fungus. This mode of action is termed Demethylation Inhibitor (DMI).

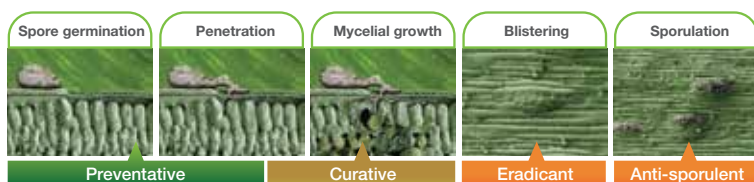


**TWO WAY ACTION**

## Complimentary chemistry – gives Briskway® an unparalleled disease control spectrum

The active ingredients in Briskway® (azoxystrobin and difenconazole) are complimentary in several ways. Both active ingredients are considered broad spectrum. The active ingredients in Briskway® combine to give control of the broadest possible spectrum of turf diseases.

### Preventative or Curative



Optimum timing for fungicide application to protect turf quality



■ Highly effective □ Lower effective

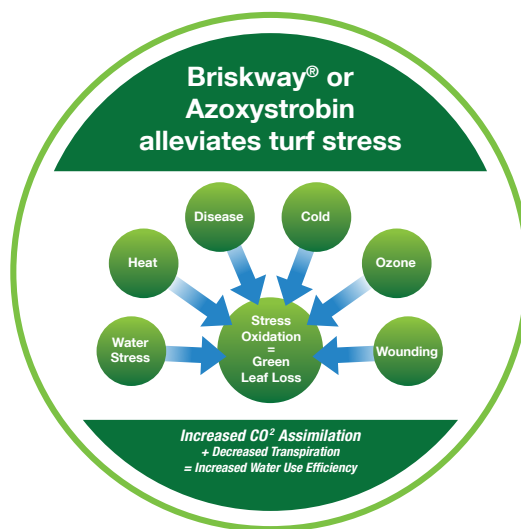
## Complimentary chemistry - Briskway® effective at all stages of disease attack:

The combination of azoxystrobin and difenoconazole in Briskway® offers preventative as well as curative control of turf diseases.

**Above and beyond a fungicide –  
Briskway® delivers plant health benefits:**

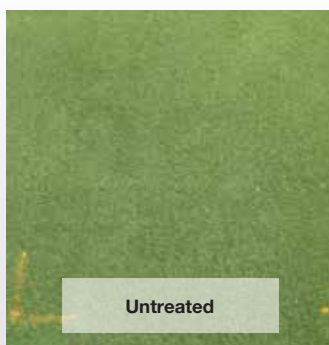
**PLANT HEALTH BENEFITS**

- Improved leaf color and morphology
- Enhanced concentrations of chlorophyll (greening effect)
- Retardation of leaf senescence
- Enhanced root development
- Enhanced CO<sup>2</sup> assimilation (greater photosynthesis)
- Reduced respiration rates (more efficient use of carbohydrate reserves)
- Improved water-use efficiency

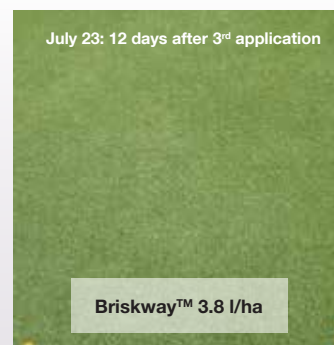


**Excellent safety to bermudagrass greens:**

Difenoconazole is systemic. This active ingredient rapidly 'locks' onto the leaf surface or phylloplane. Thereafter the difenoconazole moves gradually and acropetally (upward) within the plant giving excellent and long lasting curative disease control. Moreover difenoconazole has no negative growth regulatory effects or discoloration that can occur with some other more mobile active ingredients within the triazole group of fungicides. Safety to Bermudagrass in particular is excellent.



Untreated



Briskway™ 3.8 l/ha

**3 consecutive apps at 3.8 l/ha rate  
(1.5 x highest label rate of 2.3 l/ha) = no turf injury!**

Diseases	Application rate	Application interval
Brown patch/ Large patch ( Rhizoctonia solani )	1.5 - 3.8 L / ha	14 - 28 days
Dollar spot ( Sclerotinia homoeocarpa )	2.3 - 3.8 L / ha	14 - 21 days
Leaf spot ( Bipolaris spp. )	2.0 - 3.8 L / ha	14 - 21 days
Leaf & Sheath Spot ( Rhizoctonia zeae)	1.6 - 3.8 L / ha	14 - 28 days
Fairy Ring ( Lycoperdon spp., Agroclybe pediades, Bovistra plumbea )	1.6 - 3.8 L / ha	14 - 28 days
Rust ( Puccinia spp. )	1.6 - 3.8 L / ha	14 - 28 days
Melting out ( Drechslera poae )	1.6 - 3.8 L / ha	14 - 28 days
Pink Patch ( Limonomyces roseipellis)	1.6 - 3.8 L / ha	14 - 28 days
Powdery Mildew ( Erysiphe graminis)	1.6 - 3.8 L / ha	14 - 28 days
Red Thread ( Laetisaria fuciformis )	1.6 - 3.8 L / ha	14 - 28 days
Bermudagrass Decline ( Gaeumannomyces graminis )	1.6 - 3.8 L / ha	28 days

 **Briskway®**  
Fungicide

**syngenta®**

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