

Turf disease protection that stays cut...

after cut... after cut... after cut... after cut... after cut... after cut... after cut...



Naturally powerful disease control

In Brief



Targets disease attack before damage is caused



Gives long lasting protection



A systemic fungicide belonging to the strobilurin group of active ingredients



Has natural origins



Root, crown and foliar uptake

Heritage Maxx offers turf managers the broadest labelled spectrum disease control of all turf fungicides.

The origins of **Heritage Maxx** lie in the natural fungicides produced by woodrotting fungi found on the forest floor. Syngenta has harnessed the power of these naturally occurring fungicides to produce a truly broad-spectrum turf fungicide, with an excellent environmental profile.

Heritage Maxx provides powerful protection; targeting the pathogen at the very early stages of the of infection, eliminating disease before it has chance to cause damaging effects on the turf.

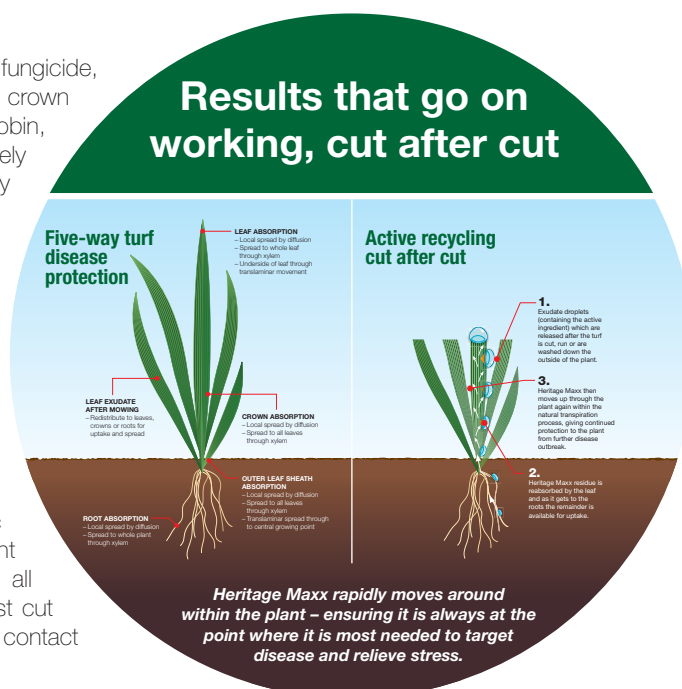
Systemic movement

Heritage Maxx is a systemic strobilurin fungicide, taken up by actively growing plants; foliage, crown and roots. The active ingredient, azoxystrobin, moves through the xylem system to effectively protect turf as it grows. **Heritage** is the only strobilurin turf fungicide taken up by the roots, ensuring very high levels of total product uptake and beneficial effects on soil-borne pathogens.

The active ingredient moves within the plant, continuously spreading into vulnerable new growth and protecting against new disease attack to give longlasting control.

Heritage Maxx is a great option during periods of active turf growth. The systemic movement distributes the active ingredient throughout the plant, ensuring that not all disease protection is mown off with the first cut after application, as can occur with contact fungicides during periods of fast turf growth.

Results that go on working, cut after cut



Translaminar movement

In addition to xylem systemicity, the translaminar movement of Heritage Maxx moves the active ingredient from the point of application through the leaf structure, to provide even distribution throughout the leaf. The active ingredient does not accumulate at leaf tips or margins.

How does it work?

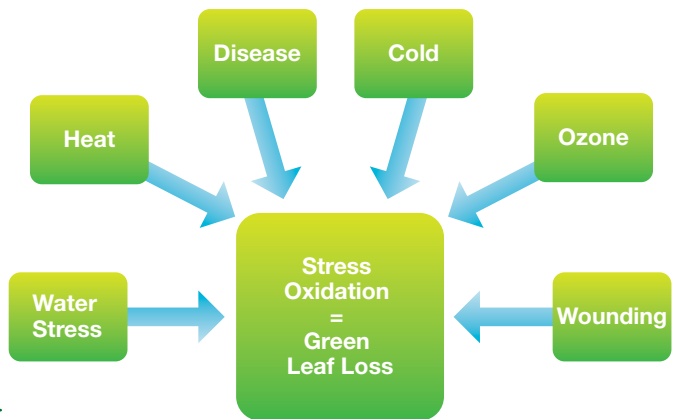
Heritage Maxx contains azoxystrobin and is the only truly xylem systemic strobilurin fungicide. This active ingredient is a Quinone Outside Inhibitor (QOI) and works by preventing electron transfer in the mitochondria, meaning the pathogen has insufficient energy for aerobic respiration thus growth.

Heritage Maxx	
Dose rates	6 L/ha
Water volume	400–800 l/ha
Active ingredient	Azoxystrobin
Rates of AI	95 g/l
Warm Season Turf diseases	Leaf Spots, Red Thread, Pink Patch, Rhizoctonia Zeae, Bermudagrass Decline/ Take-All Root Rot, Pythium spp. and Brown Patch
Activity	Systemic (Acropetal Penetrant)
Application technique	Boom sprayer

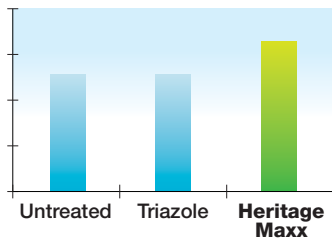
Heritage Maxx enhances plant health

The highly effective disease control and physiological effects of **Heritage Maxx** help turf plants remain photosynthetically active during periods of stress and retain green leaf area for longer.

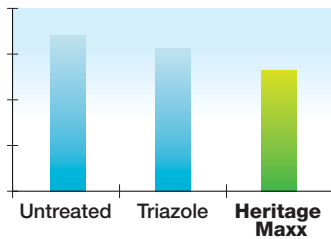
UK trials at the Syngenta International Research Centre have shown that increased CO² assimilation and decreased transpiration, as a result of physiological changes within treated plants, leads to greater water use efficiency.



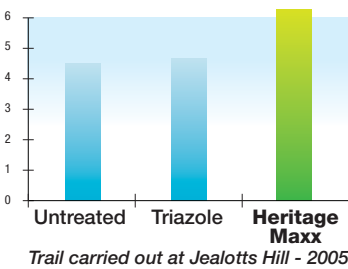
Increased CO² assimilation



Decreased transpiration



Water use efficiency (nominal units)



Increased CO² Assimilation + Decreased Transpiration = Increased Water Use Efficiency (WUE)

The benefit for turf managers is consistently higher turf quality that stays looking good and playing well through periods of stress.

Heritage Maxx for better turf quality

STRI trials have repeatedly shown that appropriately timed **Heritage Maxx** applications deliver consistently better turf quality.

