

Naturally powerful disease control

CONTROL OF FOLIAR AND SOIL BORNE DISEASES

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.

Turf disease protection that stays cut...

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



Five-way turf disease protection:

- Targets disease attack before damage is caused
- Gives long lasting protection for 28 days
- Is a systemic fungicide belonging to the strobilurin group of active ingredients
- Has natural origins
- Root, crown and foliar uptake

Broad-spectrum protection

Heritage Maxx is a systemic fungicide with preventive and curative properties for control of some of the toughest turf diseases.



TOP SEED VARIETIES
FOR A BETTER TURF



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This unique strobilurin is absorbed into leaves and sheaths when applied and also moves from the soil into the roots. From there, it translocates up throughout the entire blade, providing control of turf diseases for up to 28 days.

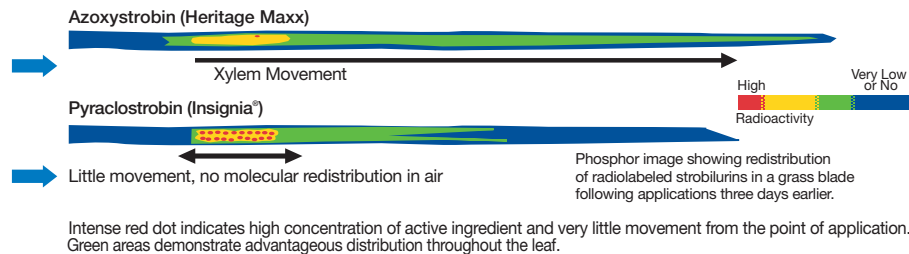
Total root-to-leaf distribution

Azoxystrobin, the active ingredient (AI) in Heritage Maxx, is taken into turf blades quickly for protection upon application. However, a significant portion of Heritage remains on the leaf surface. Upon irrigation, rainfall, or even a heavy dew, this remaining AI is washed down the surface of the turf. Some is then absorbed into the leaf, but the majority of Heritage Maxx moves into and through thatch to the soil. Here it is further absorbed by the roots to control soilborne diseases and continues up through the entire turfgrass plant for additional foliar protection.

Excellent mobility

Once in the plant, Heritage Maxx is highly systemic and transported through the xylem to cover all leaf tissue up to the tip of the leaf blades. It also moves translamarily to cover the underside of the leaf. The active ingredient is constantly delivered upward for gradual, even distribution to new growth.

Redistribution of strobilurin fungicides over three days: A comparison



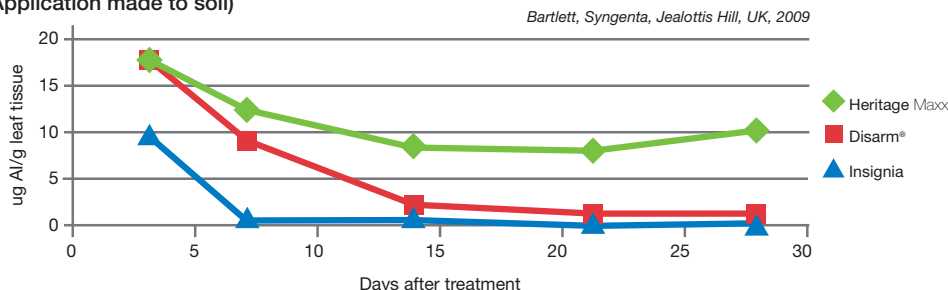
Added protection at mowing

With exudation through the stomates and after each mowing, Heritage Maxx:

- Protects following mowing injury
- Can be secondarily recycled via irrigation back into the soil and roots
- Moves up into new growth

Levels of AI recovered from leaf

(Application made to soil)

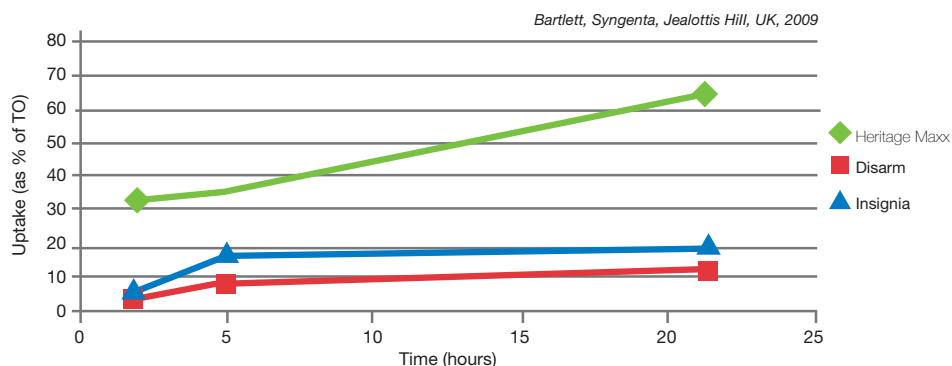


No-compromise control

Some strobilurins have little to no root uptake at all. Others may require more watering-in order or higher water volumes to be transported to the roots, which can sacrifice foliar control of diseases like brown patch, yellow patch, anthracnose, and leaf spot. Studies show that Heritage Maxx fungicide's degree of root uptake exceeds that of other strobilurins—like Disarm, Insignia, and Compass®—without compromising efficacy against foliar diseases.

Leaf uptake over 24 hours

(Application made to foliage; no irrigation)



Broad-spectrum protection

Heritage Maxx is a systemic fungicide with preventive and curative properties for control of some of the toughest turf diseases.

Labelled diseases

Anthracnose	Fairy Ring	Microdochium Patch	Red Thread
Brown Patch	Grey Leaf Spot	Necrotic Ring Spot	Rusts
Brown Ring Patch (Waitea Patch)	Leaf Spot	<i>Pythium</i> Blight	Summer Patch
	Melting Out	<i>Pythium</i> Root Rot	Take-All Patch

Preventive anti-sporulant activity

Heritage Maxx delivers control at every stage of a pathogen's life cycle. This highly potent spore germination inhibitor prevents many fungal diseases before they occur and is also active after infection. To prevent infections, applications should be made well before visible disease symptoms occur.



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syngenta



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