

CONFIDENCE  
STARTS  
HERE

 **Lexicon**<sup>®</sup>  
Intrinsic<sup>®</sup> Brand Fungicide



Improving shade tolerance with Lexicon<sup>®</sup> Intrinsic<sup>®</sup> Brand Fungicide

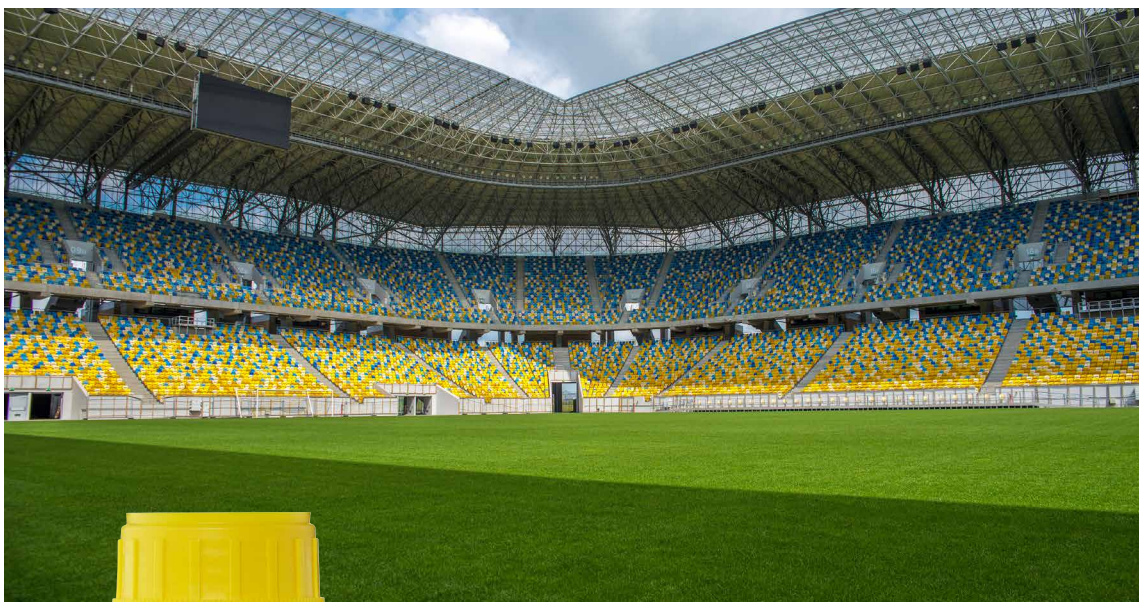
**BASF**  
We create chemistry

TECHNICAL  
NOTE

**Lexicon® Intrinsic® Brand Fungicide** quickly developed a reputation for delivering peak disease performance under pressure. This groundbreaking fungicide optimises disease control whilst also providing advanced plant health benefits for longer, stronger roots, increased growth efficiency, and greater stress tolerance.

**The results around Australia are clear - championship conditions on your turf, all year long.**

Turf on elite sporting stadiums around Australia is being managed under greater pressure than ever before. The Australian climate, a love for sport and the use of stadiums for increasing number of non-sporting events (e.g. concerts and festivals), complicates the already delicate task of turf management in major venues. Shadowing from grandstands, particularly in cooler months, coupled with repetitive non-sporting events resulting in prolonged periods of turf covering, reduces the light captured by turf, acting as an unavoidable stressor.



Under these extreme conditions, optimum, **long lasting disease prevention** is essential, and no other product can perform like Lexicon Intrinsic Brand Fungicide.



The advanced plant health benefits provide superintendents with an added unique benefit – **stronger more resilient turf**, under, heat, drought and shade!



Assisting with shade tolerance and stress recovery through **respiration management** is another advantage in Lexicon Intrinsic Brand Fungicide's repertoire of benefits.



**Figure 1:** Untreated Control  
(~40 days after initial treatment)

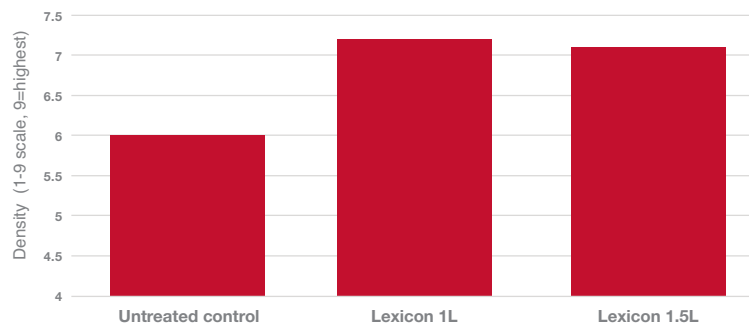


**Figure 2:** Lexicon 1L  
(~40 days after initial treatment)

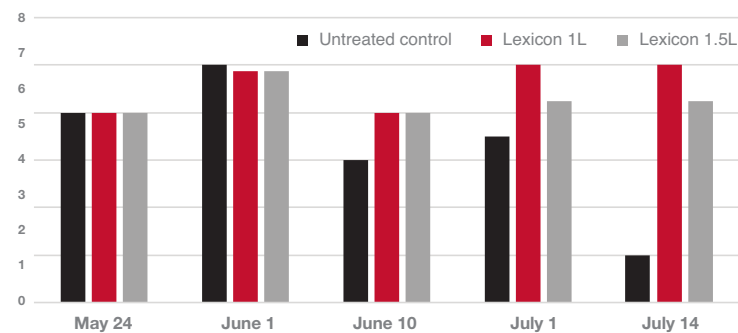
Studies to demonstrate the benefit of Lexicon Intrinsic Brand Fungicide on shaded turf have been clear:

**Lexicon results in stronger, more resilient, healthier turf!**

Replicated shade trials (70% shade for > 40 consecutive days) demonstrated that turf treated with Lexicon Intrinsic Brand Fungicide consistently appeared healthier (Figures 1 and 2). This turf was also 20% denser, and of a higher quality, than control and comparative treatments, Figure 3 and 4.



**Figure 3:** Mean turf quality



**Figure 4:** Turf quality over time (>40 day coverage at 70% shade)

These benefits are provided by **Lexicon Intrinsic Brand Fungicide's** unique capacity to effectively manage respiration rates while supporting root health and plant functions. This enables optimized resilience and accelerated recovery to the stress of prolonged shade caused by the stadium structure itself or events resulting in prolonged turf coverage.

For more technical advice and product information on Lexicon Intrinsic Brand Fungicide, visit [turf-solutions.basf.com.au](https://turf-solutions.basf.com.au) or contact BASF on **1800 558 399**

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