

Formulation	250g/kg (25% w/w) quinoclamine		
Classification	Horticultural Turf Treatment - removal of moss		
Uses	Managed Amenity Turf - Golf course tees and greens only		
Application rate	1.5 g/m <sup>2</sup> applied by watering can (fitted with a fine rose or dribble bar) on to the infested areas	Max dose rate	1.5 g/m <sup>2</sup>
	Volume of water: Application by watering can: 1 L/m <sup>2</sup>		
No. of applications	1 per year between May and August	MAPP no.	15837
Pack	750g	LERAP	A*

\*When treating managed amenity turf, do not apply within 20m of static or flowing water bodies

## GETTING THE BEST OUT OF MOGETON®

To optimise moss control on managed amenity turf, follow a programmed approach using Mogeton:

- ✓ Apply as a spot treatment at a dose rate of 1.5g in 1L of water/m<sup>2</sup>
- ✓ Apply Mogeton when the moss is actively photosynthesising
- ✓ Apply Mogeton in the morning to take advantage of higher humidity to maximise uptake
- ✓ When applying Mogeton, completely wet the moss cushion during application
- ✓ Use the high water volume (1L/m<sup>2</sup>) to achieve best penetration of the moss cushion
- ✓ Mogeton should be applied by a non-pressurised system using a fine rose or a dribble bar (watering can) to ensure that there is no spray drift and that the requisite amount of diluent is applied evenly to the area under treatment
- ✓ Ensure grass can thrive following removal of moss
- ✓ Exclude public from treated areas during application
- ✓ Mogeton has been proven to have targeted control on a range of true-moss species including Silver moss\*

\*e.g. *Hypnum spp.*, *Mnium spp.*, *Polytrichum*, *Bryum argenteum* - activity is based on limited information

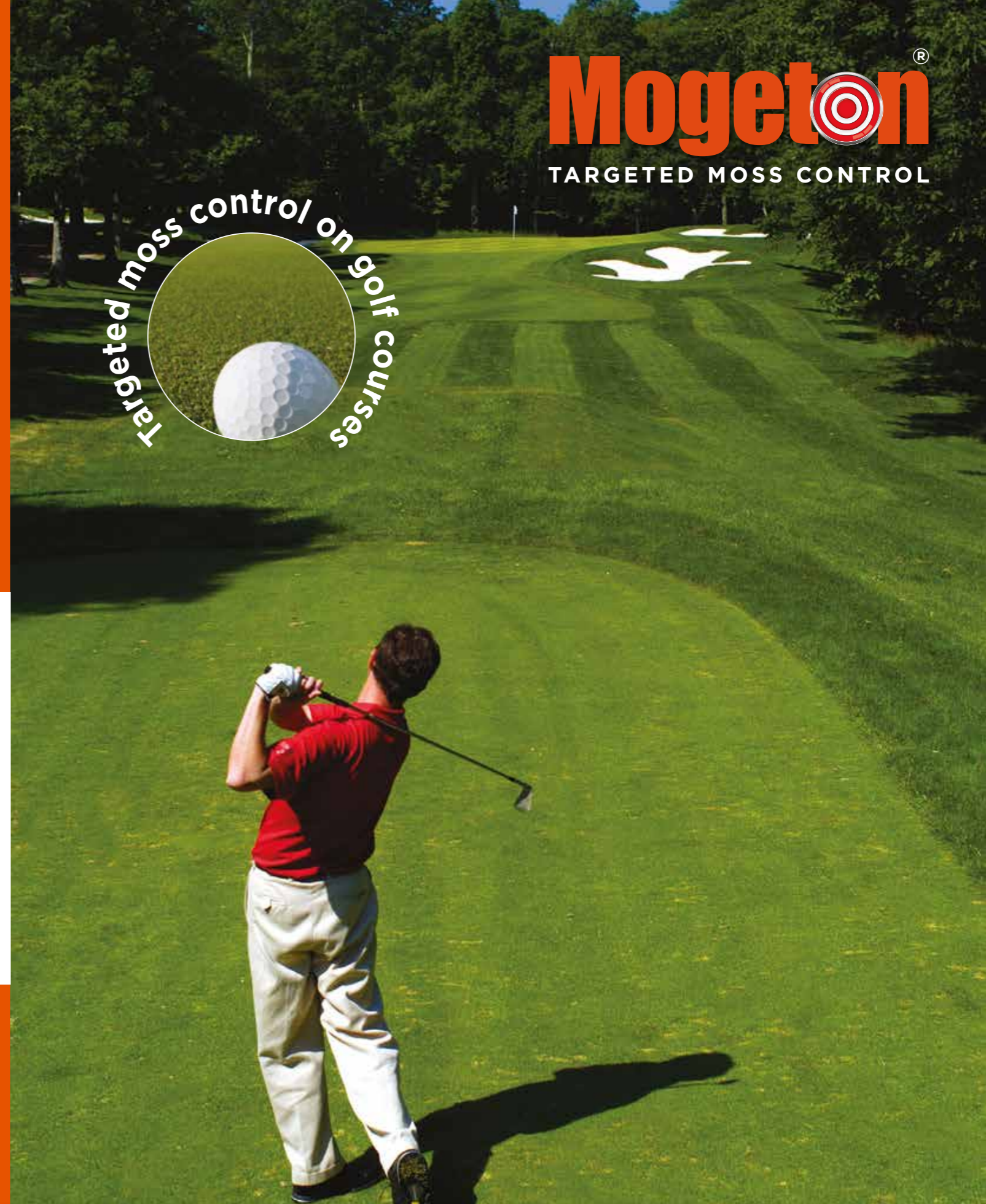


Leafy Moss (*Mnium spp.*)

**CERTIS**  
**Mogeton**  
TARGETED MOSS CONTROL



*Hypnum cupressiforme*



**Mogeton**  
TARGETED MOSS CONTROL

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

For further information with regard to the warning phrases and symbols for this product please refer to the product label.

Mogeton® is a registered trademark of Agro - Kanesho Co. Ltd. Mogeton® contains quinoclamine

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**CERTIS**

# THE CHALLENGE

Moss is an extremely successful plant and, depending on your point of view, is either a primitive or sophisticated family which grows in many situations and often flourishes in managed amenity turf.

One of the earliest plants to evolve on land it has been growing and thriving for some 300 - 400 million years, and it's persistence means that in some instances it is a weed to be controlled.

There are some 12,000 recorded species of moss worldwide and as all greenkeepers know the battle against moss is a war of attrition with limited options for control and frequent repeated treatments necessary to try and keep greens free from this persistent weed.

With the continual need to keep greens cut very tightly in order to ensure their speed, conditions are created that are beneficial to the establishment of moss colonies.

Control options have been limited with the mainstay being iron sulphate but this is not a permanent solution with regular retreatment often required as it only burns off the top part of the moss cushion. There is therefore a need for a targeted spot treatment to remove moss completely.

# INDEPENDENT TRIAL RESULTS

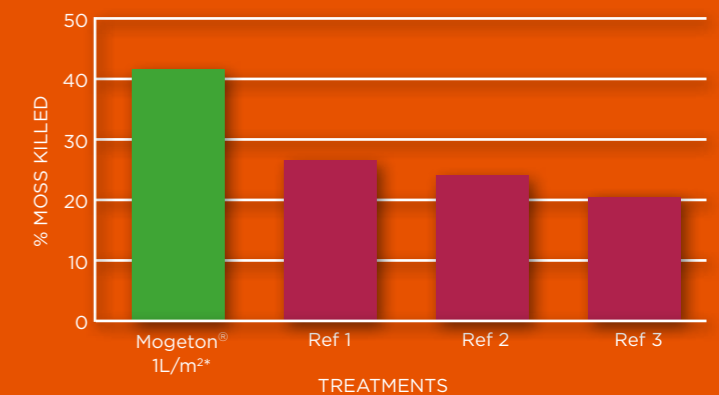
Efficacy has been backed up by independent trial results conducted by The Sports Turf Research Institute (STRI).

An STRI researcher described the trial as delivering really good, targeted control of moss.

"When treating moss traditionally, iron is known to discolour moss black. However in this trial conducted by STRI using traditional iron treatments, the discolouration of the moss was restricted to the top of the plant only and did not extend to the base of the moss. The moss treated with Mogeton was discoloured brown right through to the base of the plant, showing a deep penetrating targeted moss control."

STRI clarifies that, It is normal practice to scarify the turf to remove moss following treatment; plots treated with Mogeton showed the most effective moss control following scarification.

**% Moss Control**  
(after scarification), STRI, 2008, 49 days after application



\*Recommended water volume - 1L/m<sup>2</sup> water

# THE SOLUTION - MOGETON<sup>®</sup>

Mogeton is a designated turf treatment for the targeted control of moss on golf course tees and greens.

Based on the active ingredient quinclamine, Mogeton works by inhibiting the moss' ability to photosynthesise. In addition, Mogeton is specially formulated to penetrate deep into the moss cushion, thus treating the whole plant, not just the exposed parts. Following treatment with Mogeton the moss turns brown and dies. It can then be removed by scarifying.

As Mogeton works by acting on the photosynthetic process, to achieve the best results, treatment should be made when the moss is at its most active. Moss thrives in areas that are humid and damp and when temperatures are high and there are long photoperiods. Treatment at these times will ensure the uptake and response to Mogeton will be at its greatest.

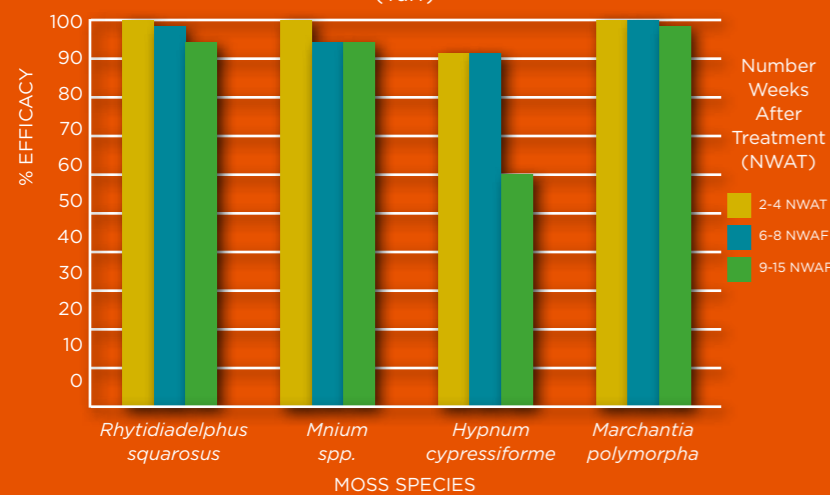


Moss control using Mogeton<sup>®</sup>



Moss control using iron sulphate

**Mogeton Efficacy**  
(Turf)



# EXTENDED CONTROL

When applying Mogeton, a surface deposit of Mogeton is left on the turf/soil surface.

This inhibits further germination of moss spores, giving efficacy over many weeks, preventing any attempts from moss to re-colonise the area thus allowing time for grass to re-establish.

# TARGETED TREATMENTS

Mogeton with its orange colour is clearly visible when applied which allows for targeted spot treatments of moss. During moss control trials on amenity turf with Mogeton, there was no record of any persistent discolouration following treatment.



During the independent trial the most effective moss control results were achieved from applications of Mogeton<sup>®</sup>.

**Sports Turf Research Institute (STRI)**

