



“QuickSilver® provided the best control with the fewest applications.”

Dr. Mike Richardson
University of Arkansas

“QuickSilver® is highly effective for moss control on bentgrass greens.”

Dr. Scott McElroy
Auburn University

“Based on 11 years of testing, QuickSilver® appears to be the most consistent for controlling silvery thread moss over a broad range of environmental conditions.”

Dr. Fred Yelverton
North Carolina State University

WHAT IS QUICKSILVER® HERBICIDE?

QuickSilver® herbicide contains carfentrazone-ethyl, which has been thoroughly evaluated by turf researchers and proven effective in field use. QuickSilver® works by inhibiting a key enzyme in moss chlorophyll production. It's so effective, research has shown QuickSilver® reduces up to 90% of moss in just two applications when used at labeled rates according to label directions.

HOW DOES QUICKSILVER® HERBICIDE WORK?

QuickSilver® inhibits protoporphyrinogen oxidase (commonly known as a PPO or protox). Inhibition of the protox enzyme induces lipid peroxidation and results in disruption of plant cell membranes. The active ingredient in QuickSilver®, carefentrazone, causes rapid necrosis in moss. This process occurs in the green tissue of moss shoots where active photosynthesis is occurring. This inhibition leads to cell disruption and plant desiccation.

QUICKSILVER® HERBICIDE:

- EPA “Reduced Risk” herbicide
- Low use rates
- Non-phenoxy herbicide
- Rainfast within 1 hour

WEEDS CONTROLLED:

- Silvery Thread Moss

LABELED USE SITES:

- Golf Courses
- Refer to label for all use sites

GET SOMETHING THAT ACTUALLY WORKS

Golf course superintendents have struggled to find an answer for silvery thread moss on bentgrass and Bermudagrass greens and tees. Due to the non-vascular nature of moss, systemic herbicides are ineffective, making moss difficult to kill.

Some turf professionals have tried commercial solutions not labeled for moss control, which can cause turf damage. Others have even resorted to using home remedies to control moss, including hydrogen peroxide, dish soaps, baking soda and lime. These treatments are often ineffective and can severely damage turf due to their non-selective properties.

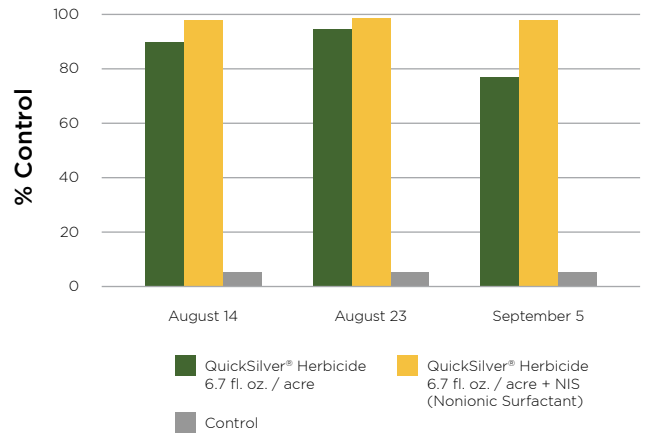
A REAL SOLUTION

Keep your home remedies at home. When it comes to your course, you need a scientifically proven answer for eliminating silvery thread moss. Keep your tees and greens beautiful and moss-free with QuickSilver® herbicide.

- Effective in reducing up to 90% of silvery thread moss
- Controls moss in just two applications when applied at a rate of 6.7 fluid ounces of product per acre (0.154 fluid ounces of product per 1,000 square feet) two weeks apart*
- Extremely gentle on turf, including most creeping bentgrass and Bermudagrass varieties
- Works in both cool and warm temperatures for year-round control as needed
- Leaves minimal soil residue, allowing for quick reseeded and fast reestablishment of turf
- Quickly and easily applied through typical spray equipment, keeping chemical, equipment and labor costs within any budget

*A third application at lower rates may be applied if needed in two or more weeks after the second application to control moss that may have reestablished. Up to four applications are permitted per year, if needed.

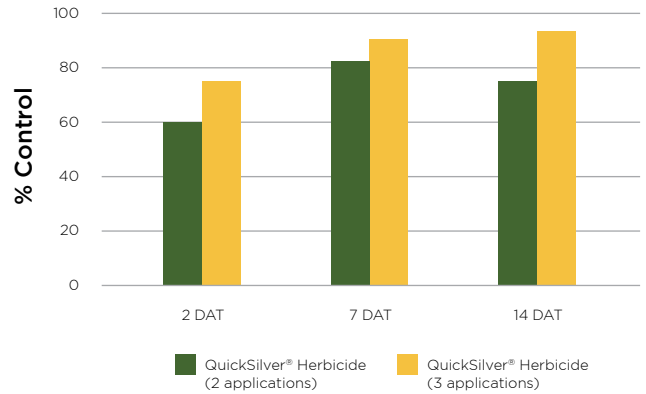
Silvery Thread Moss Control



Fred Yelverton, Ph.D.
North Carolina State University
2003

QuickSilver® Herbicide Controls Silvery Thread Moss

Data represents control with 2 or 3 QuickSilver® applications



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Washington State University
2006
QuickSilver® Application Rate: 6.7 oz./acre