



QuickSilver™ herbicide

Best uses

Designed for selective postemergence control of silvery thread moss (*Bryum argenteum*) on golf course greens and tees. Ideal for maintaining moss-free, high-quality playing surfaces. Safe for use on most creeping bentgrass varieties and annual bluegrass.

Key strengths

QuickSilver™ herbicide rapidly penetrates into plant cells for fast-acting control. It is effective under both cool and warm environmental conditions and has minimal risk of damage to desirable turfgrass species.

Key benefits

- + **Fast-acting control** – Visible symptoms in as little as 24 hours.
- + **Rainfast** – Within one hour.
- + **Selective and safe for turf** – Controls moss while preserving turfgrass health.
- + **No residual activity** – Allows reseeding or overseeding within one day.
- + **Works in various climates** – Effective in both cool and warm weather conditions.

Usage and control

Silvery thread moss control starts with sound agronomics. Proper fertility and mowing heights are essential in managing moss. There are limited options for managing silvery thread moss, but QuickSilver has shown to be a very effective management option for silvery thread moss along with other cultural practices that encourage healthy turfgrass growth. Ideally, QuickSilver applications should be made around the time of aerifications that promote the growth of the desirable turf. This is important in situations where moss infestations are severe. Voids left by the moss will fill in quicker due to proper agronomic practices. Initial QuickSilver application of 4.9 ml/100 m² should be made one week prior to aerification. A second application of 4.9 ml/100 m² should be made two weeks after the initial application. Once the superintendent has gained control of the moss infestation, an additional two applications of QuickSilver at 4.9 ml/100 m² can be made to aid in keeping on top of the moss populations.



Active ingredient

224 g/L Carfentrazone-ethyl



Group

14



Formulation

Emulsifiable
concentrate (EC)



Signal word

Danger



Packaging

4 x 273 ml

Usage and control

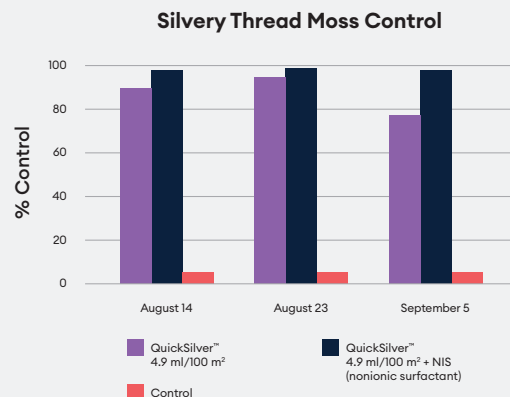
- + **Application rate:** 4.9 ml/100 m² per application.
 - Maximum per year of 19.6 ml (44 grams AI/100 m²).
 - Minimum application rate is 1.46 ml/100 m².
 - Minimum retreatment interval is two weeks.
- + **Control over longer periods:** If necessary, applications may be repeated every two weeks at a rate no less than 146 ml/ha.
- + **Adjuvants:** Use of a nonionic surfactant at a rate of 0.25% volume/volume.
- + **Application method:** Use a spray system ensuring thorough and uniform coverage.
 - Maintain the pH of the spray solution in the pH range of 5 to 8. Use buffers as necessary.
 - Avoid spray drift onto non-target plants.
- + **Spray volume:** Apply using 7.48-9.35 L/100 m² to maximize coverage, especially in dense moss populations.
- + **Tank mixing:** Ensure spray equipment is clean before use. Mix with water and maintain continuous agitation.
- + **Turfgrass safety:** QuickSilver™ herbicide is safe on most creeping bentgrass varieties.
 - It is recommended to make a test application before use. Some varieties have not been tested. Penncross and Crenshaw are safe – no need to test.
 - Avoid QuickSilver applications when desirable turf is under stress.
 - Maintain a minimum interval of five days between applications of plant growth regulators (PGRs) and QuickSilver.
- + **Restrictions:** Not for aerial application or irrigation system application.

Sustainability

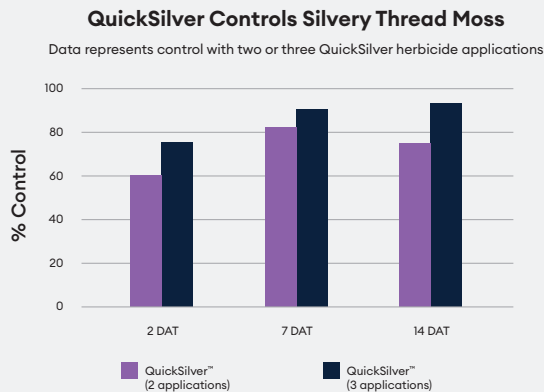
- + Reduces moss competition, allowing for healthier turfgrass growth.
- + No residual impact, making it safe for immediate reseeding or overseeding.
- + Nonvolatile and not systemic.

Physical properties

- + Liquid formulation designed for easy mixing and application.
- + Stable under normal storage conditions.
- + Mode of action; cell membrane disruption targeting silvery thread moss.



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



Miltner
Washington State University
2006
QuickSilver application rate: 4.9 ml/100 m²

For more information, visit www.ca.envu.com

To talk about your specific needs or to learn more about our solutions, please contact an Envu representative.



ca.envu.com 1-800-331-2867



ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

Environmental Science U.S. LLC, 5000 CentreGreen Way, Suite 400, Cary, NC 27513. For additional product information, call toll-free 1-800-331-2867. www.envu.com.

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