

Thatch Relief™

Thatch Reducing Liquid

Thatch Relief liquid provides an effective method of bio-activation which speeds up decomposition of the organic residues (dead stolons, rhizomes and roots) that make up the thatch layer. By restoring the microbial activity that is required to keep the soil in balance, Thatch Relief helps promote higher quality turf.



The build-up of excess thatch prevents the soil profile from freely passing oxygen and water. Thatchy conditions contribute to a host of soil problems including black layer, compaction, and increased frequency and severity of turfgrass disease.

Thatch Relief contains selected bacteria cultures, enzymes and soil penetrants. Applications of this

easy-to-use liquid result in the rapid conversion of the thatch layer into rich humus that absorbs moisture easily.

By accelerating the natural process of thatch digestion by beneficial microbes, Thatch Relief helps maintain a porous, open, well aerated soil profile capable of supporting a vigorous, healthy stand of grass.

Use Thatch Relief for:

HYDROPHOBIC SOILS: Increases Penetration of Water and Fertilizers

PESTICIDE EFFECTIVENESS: Improves Utilization of Soil Applied Pesticides

WILT STRESS: Lessens Wilting by Increasing Percolation Rate

DISEASE PRESSURE: Suppresses Several Turfgrass Pathogens

THATCH BUILDUP: Accelerates Grass Clipping Break Down

ENVIRONMENTAL ISSUES: All Natural and Safe for The Environment



Product Description

Thatch Relief liquid is a combination of naturally occurring bacteria strains, plant enzymes and surfactants.

Purpose

Thatch Relief is a natural product for the accelerated decomposition of excessive thatch in turfgrass. It is used to reduce the need for expensive mechanical de-thatching (raking, slicing, aerating).

Mode of Action

Thatch Relief liquid acts to decompose thatch by accelerating microbial activity near the soil surface and increasing temperature. This exothermic reaction from increased microbial activity breaks down thatch at the soil level. Any thatch build-up is then rapidly reduced and the decomposed organic matter is recycled as a food source for the turf.



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Thatch Relief™

Biological Thatch Reduction

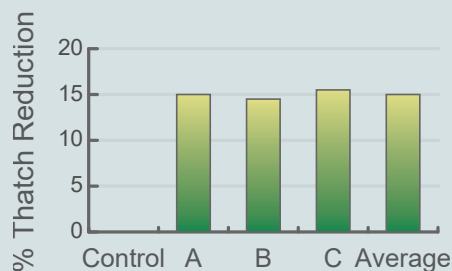


Dosage

Use one gallon of Thatch Relief per acre, mixed in water or liquid fertilizer. Applications should be made when soil temperatures are between 50-90° F. Apply 3-4 times per season when thatch exceeds one inch. Once the thatch has been reduced below one inch, a twice yearly schedule will be sufficient.

Sumitomo Chemical Co.
Experimental Farm, Japan

Thatch Reduction



“Over the last few years I’ve struggled with green speed, firmness and scalping in summer months on my greens. I used Thatch Relief this year from May thru mid October. After 3 or 4 applications I already had noticed that the greens we’re getting firm and my green speed had increased. Normal green speed at our course usually runs about a 9 on stimpmeter. This year we averaged a 10 and in September we were up to 11 and 12. During July we also noticed a significant change in scalping of the greens as well. This is definitely a product I will keep on my shelf.”

Greg Wetmore, Supt.
Woods Fort CC
Troy, Missouri



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Application Method

Apply Thatch Relief liquid with water or liquid fertilizer (min. 40 gallons/acre). The product should be watered in by irrigation or rain after application. Allow 2 days between Thatch Relief applications and the use of herbicides, fungicides and insecticides.

Application Timing

For the northern zones, apply twice in spring/early summer and once in fall. For the southern zones apply every 30-60 days in fall, winter, spring. Thatch Relief used with Oasys Ultra wetting agent, provides a Liquid Aeration program to reduce the need for expensive mechanical aeration of golf course, turf, and sport fields.