



THATCH RELIEF

BIOLOGICAL THATCH REDUCTION

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.



Thatch Relief helps maintain a porous, open, well aerated soil profile capable of supporting a vigorous, healthy stand of grass.



THATCH DIGESTION

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.

BENEFITS OF THATCH RELIEF ON:

- 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



THATCH RELIEF

TECHNICAL DATA

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).

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

TURF APPLICATIONS: 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, in most cases. For the northern zones, apply in spring/early summer and in late summer/fall. For the southern zones apply fall, winter, spring.



Thatch Relief used with Oasys Ultra wetting agent, provides a *Liquid Aeration* program to eliminate the need for expensive core aeration of lawns.

APPLICATION METHOD:

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

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SOILTECH
Teaming With Biology

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Research has shown that Thatch Relief reduces the thatch layer by an average of 15% per application.