

# DeThatch-9

## Microbial Thatch Reducer & Compost Accelerator

DeThatch-9® is a high concentration of a patented microorganism that, when applied to turf, breaks down dead plant tissue and frees up soil from harmful thatch accumulation. This powerful microbe actually uses thatch as a food source and converts it to by-products that are beneficial and usable to plants and turf.

### Benefits:

- Reduces or eliminates unhealthy thatch
- Breaks down cellulose
- Converts thatch to nutrients usable plants
- Accelerates composting
- Can be used to enhance compost teas

DeThatch-9® is all-natural and 100% safe to plants, animals and people. Growers and superintendents who use DeThatch-9® have seen a significant reduction of unhealthy thatch layering as well as thicker, lusher, less problematic turf. DeThatch-9® is also a powerful tool in compost acceleration.

Integrating DeThatch-9® into your turf management program or composting program today will save you time and money reducing your thatch problem.

## DeThatch-9®— Technical Information

DeThatch-9® is a high concentration of a patented strain of *Streptomyces*. Each gram of DeThatch-9® contains billions of spores of this organism. This population concentration is absolutely necessary to insure degradation of thatch build up and, thus, labeled rates should be strictly followed.

### Compatibility

DeThatch-9® can be tank mixed with fertilizers, chemical fungicides, insecticides, and herbicides as well as and other biologicals.

Avoid using in conjunction with bactericides and soil fumigants.

### APPLICATION DIRECTIONS:

#### Turf Grass

Mix DeThatch-9®, with appropriate amount of water (100-125 gallons or more per acre). Apply at a rate of 54-oz of DeThatch-9®, per acre (36 grams per 1,000 sq. ft.) for initial application or problem areas. Maintenance applications of 18-oz per acre (12-gr/1,000 sq. ft.) every 4 to 6 weeks is recommended.

If applying as a spray, water in immediately for 2-3 minutes with sprinklers in order to move the active ingredient into the thatch.

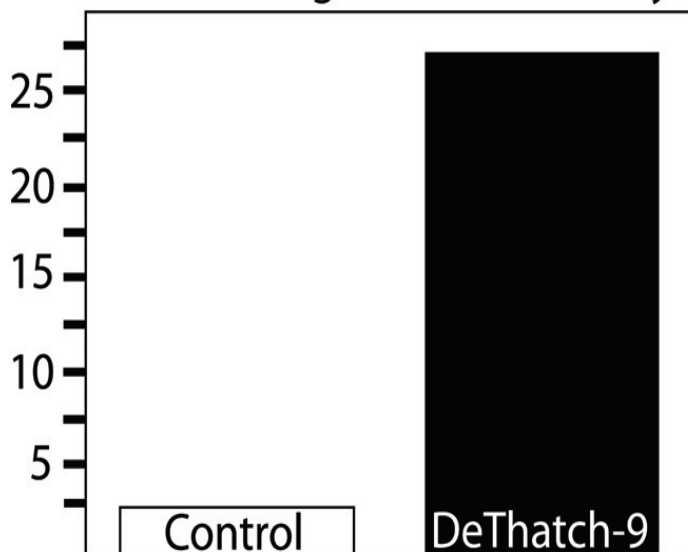
#### Composting

Dissolve 6-oz of DeThatch-9® into 50 gallons of water to create solution. Apply solution to compost at a rate of 50 gallons per 6 cubic yards of soil.

#### Compost Teas

Add 1/2 tsp of DeThatch-9® per gallon of compost tea. Do this during tea application or just prior to tea application.

### % Thatch Degradation in 30 days



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