It's a proven fact that thatch is a major problem in highly maintained turf. Thatch reduces air and water movement into the soil, impedes utilization of fertilizers, and provides a favorable environment for insects, fungi, and diseases. The sample on the left shows what happens when thatch is allowed to build up. And look at that compaction layer. Now take a close look at the plug on the right. Bio de-thatch was applied to this turf. Before total decomposition, the grass turned a darker green and the rate of growth increased. The actual decomposition became apparent approximately 8 months after application. By the end of 12 months, most of it had disappeared and the changes in soil structure were dramatic. It's readily apparent that the micro-organisms in bio de-thatch have done their job well—the thatch is gone, leaving a rich humus for better water penetration, retention, and improved soil tilth. It all adds up to a stronger, healthier turf when using this proven product. If you'd like more information on bio-de-thatch see your local USSAC distributor or, write to USS Agri-Chemicals, P.O. Box 1685, Atlanta, Georgia 30301.