



Project Profile: Residential Development Soil Modification

ProGanics™ Biotic Soil Media™ Gets Denuded Site Off to a Great Start

Site Conditions

Forced into foreclosure in 2009, a 2.7-acre (1.1 ha) home development site sat abandoned in rural Alabama near Tallassee. While untouched, it didn't go unnoticed by the Alabama Department of Environmental Management (ADEM), which eventually pressed its owner to keep the site from further washing away.



Unexpected Results

But now?

“It’s almost crazy to say that after one month, we achieved 100% stabilization,” said Hunter Bruce, P.E., owner of SpreadRite, LLC, and the contractor tabbed for the job. “There’s no way this site would be growing the way it is without ProGanics.”

Patent-pending ProGanics, the world’s most advanced Engineered Soil Media, is designed as a topsoil alternative that accelerates the development of depleted soils/substrates with low organic matter, low nutrient levels and limited biological activity.

Site Prep & Soil Modification

Bruce began restoration by grading all of the deep gullies on March 19, 2015. ProGanics was applied on March 25. By April 17, the site had been stabilized with vegetation establishment well under way.

Hunter attributes a great deal of this initial success to ProGanics, which is a combination of recycled Thermally Refined® bark and wood fibers with a proprietary blend of biopolymers, biochar, seaweed extract, humic acid, endomycorrhizae and other beneficial constituents. The BMPs included other important elements as well. Development of the BMPs started with soil testing directed by Marc S. Theisen, vice president of business development and engineered products for Profile Products. Once the soil analysis was complete, Theisen provided recommendations for ProGanics BSM, and also included ProPlus® NeutraLime™ to correct the acidic soil pH, BioPrime™ and JumpStart™. Those Prescriptive Agronomic Formulations quickly neutralized the soil pH, provided both immediate and slow-release nutrients to the vegetation, and augmented the biological content of ProGanics. After its application, slopes were covered with ProMatrix™ Engineered Fiber Matrix™ (EFM™). Flatter areas were covered with wheat straw mulch which was then anchored in place with Profile Tornado Tack™ ST-1000.



“Profile is a leader for a reason,” Bruce said. “Whenever it’s dead-set, gotta happen now, like this site was, I turn to Profile.”

Upper Photos: Heavily rutted, neglected site **Bottom Photos:** After ProGanics application and initial germination three weeks later
ProGanics helps bring dead soil back to life.