

PROJECT STAKEHOLDERS

- Ground Services Inc.
- SiteOne Landscape Supply

CHALLENGES

- Ensuring the successful application of ProGanics through a jet agitated hydroseeder
- Applying soil amendments to partially vegetated lawn

LOADING RATE

- ProGanics jet agitated hydroseeder loading rate: 33 lb/100 gal (15 kg/379 L) of water. Recommended rate for a mechanically agitated hydroseeder is 75 lb/100 gal (34 kg/379 L) of water

APPLICATION

- ProGanics® BSM™:
 - 1,700 lb/ac (1,900 kg/ha) on turf
 - 5,000 lb/ac (5,600 kg/ha) on thin spots
- Turface® All Sport®: 250 lb/1,000 ft² (1.2 kg/m²)

RESULTS

- The jet agitated hydroseeder applied the product smoothly at the reduced load rate
- Within one week, the contractor noted significant improvements to the thin spots on the lawn
- Ground Services is now applying this solution to other lawn and landscape projects

Ground Services Inc. in Ocala, Florida, was looking for a solution to encourage growth on thin spots of established lawns using a jet agitated hydroseeder. The contractor knew he needed to improve soil fertility to encourage vegetation, but he wasn't sure which products would work in a jet agitated machine or on existing lawns. Profile Products recommended applying Turface® All Sport® and ProGanics® Biotic Soil Media™ (BSM™) to the lawn because both products could amend the soil and be applied at an appropriate loading rate for the jet agitated hydroseeder.



Twenty-one days after application

Turface All Sport is a soil amendment that increases soil porosity, holds moisture and permanently reduces soil compaction. ProGanics is an Engineered Soil Media™ (ESM™) that provides an abundant source of organic matter and soil-building components to modify soil chemistry and initiate growth. These two products work hand-in-hand to relieve soil compaction and provide the beneficial microbial activity the soil needs to support vegetation.

Ground Services Inc. applied Turface All Sport across the lawn at 250 pounds per 1,000 square feet (1.2 kg/m²). ProGanics was mixed at a lighter rate than typical to achieve a watered down slurry. ProGanics was applied at 1,700 pounds per acre (1,900 kg/ha) without additional seed across the turf. In areas where the lawn was thinner, Ground Services Inc. applied the ProGanics at 5,000 pounds per acre (5,600 kg/ha). In as few as seven days, the contractor saw significant improvement to the lawn, especially on the thinner areas. Ground Services Inc. is now applying this solution to several lawn and landscape jobs they are working on.



Thin spots prior to application



Three days after application



Seven days after application



ProGanics on top of the existing lawn improved soil fertility without smothering the lawn