

Farm Survey

Type of Farming System

Standard turf management with chemical fertiliser inputs, no foliar fungicide and insecticides used.

Products used in trial

BactivatePlus⁺

**Bactivate
BioBoost⁺**

**Bactivate
SeaweedSolution⁺**

Background

Barnboughe Golf Course decided to trial the Bactivate full soil health program as a comparison to their current turf practices on the ladies tee at the 10th hole. There was no identified problems on the turf grass however the overall turf was mottled greenish and had poor colour.

The initial goals were to see:

- Greater root development
- Thicker root mass
- Deeper penetration of root system
- Begin breaking up thatch layer
- Spongier grass underfoot
- Improved organic matter in soil

Thirty grams of Bactivate Plus per m² was applied along with .03ml BioBoost+ and .015ml Bactivate Seaweed Solution per m².

Observed benefits

The superintendent was extremely surprised as to the dramatic change in only 6 weeks. This trial delivered outcomes that exceeded expectation. The Bactivate Program displayed increased root mass, depth and development as well as improved organic matter levels in a very short period of time. The treated plug showed a healthy green look with abundant grass growth as compared to the untreated plug (Fig 1). It is of particular interest the difference in the colour of the soil between the plugs (Fig 2). The plugs were pulled only 10 metres apart from a sandy profile on the 10th ladies tee. The untreated plug showed little organic matter as expected on a course by the beach. The surprise was that the Bactivate Program treated plug showed increased organic matter, with a deeper, darker colour in the soil profile.

Business Name: Barnboughe Golf Course

Crops grown: Fescue grass

Farm Data

Location: ladies tee at the 10th hole, Bridport, Tasmania

Area: half of tee area

Currently only 1 tee is currently under the Bactivate Program. The client has indicated he will use the Program on all of the greens and tees at renovation this year.



Fig 1. Treated plug on left vs. untreated plug on right.



Fig 2. Untreated plug on left vs. treated plug on right.