



# SOIL and WATER CONSULTING

*Corey M. Angelo*  
Consultant

July 8, 2021

Re: Summer Sample Collection

***Summary of lab data:***

- *The tees and fairways are good. There is a very slight issue with potassium on tees. Apply 0-0-50 at a rate of 2 pounds of product per 1,000 square feet.*
- *The greens should have an application of 0-0-50 at the same rate as tees. The sodium is fairly high on the greens in relationship to K.*

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Dear Scott,

It was good to have recently seen the course in late May when the ryegrass had some issues. The recovery on it just 3 weeks later was really good! I went back through the data to 2018 when we sampled holes 3 and 12 in June. The soils are much more balanced from then and your 0-0-22 applications over the previous seasons have made that so. The tees organic material went from 0.42% in 2017 to 1.18% in 2021. The issues that I see with desert course tees is thatch build up over the years. It is harder to verti-cut and topdress tees because of design. This is a perfect time of year to work on them though. They seem to have a good bermudagrass base so if you can find a way to control the thatch now, it won't become an issue long term. Walk behind Gradens can help with this and may be more functional on the smaller tees. It does become a project, of course, but it will keep your tees in firmer conditions and help against disease.

The recent nitrogen application to help grow out of the disease on the ryegrass worked great and the data shows that you have plenty of nitrogen to last through Summer. As ryegrass becomes more of the main grass type than bermudagrass, you just need to watch nitrogen applications in case monsoon seasons bring in too much humidity. With the need for "green" grass all the time, disease pressure will be higher than courses in town.

Let's go over the report when you have time.

Sincerely,  
Corey Angelo  
Soil and Water Consulting

