



SOIL and WATER CONSULTING

Corey M. Angelo
Consultant

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Re: Spring Sample Collection

Summary of lab data:

- *The tees need an application of 0-0-50 at the rate of 2 pounds of product per 1,000 square feet.*
- *The greens need applications of 0-0-50 at a rate of 2 pounds of product per 1,000 square feet and 3 pounds of product per 1,000 square feet rate of Manganese Sulfate, Succrate or Oxide in April, May and June.*

Dear Ben,

I appreciate you working with me on this report with collecting the samples yourself! I will be in your area in June and have you on my schedule to visit you and the course. It is always better to see things in person and combine the data to make the best recommendations. However, I think I can see things in the lab results alone that may be helpful this Spring. For now, my comments are soil chemistry only. I don't know the environments of each hole, which certainly matters on how grass grows. Nor do I know the physical make up of the soils, but the chemistry is often dictated by the physics. For example, from the data, I can tell the greens are clearly sandier than the tees and fairways. The sulfur levels, (which can show how a soil drains) are higher on the tees and fairways from the greens.

Each of the areas- tees, fairways and greens- on the course are consistent. That helps to make the amendments or applications simplified. For now, the tees you sampled can all be treated the same, and fairways and greens likewise. The recommendations above, are for deficiencies that I see in Potassium and Manganese. Easy fixes with some diligence. The fairways are different. They are mineral rich but high pH and watered with irrigation that is more of a cementing agent than anything else. I also see high Boron levels could be inhibiting normal growth.

I don't want to make big statements from one visit without seeing the property. So, let's go over the report and my thoughts when you have time.

Sincerely,
Corey Angelo
Soil and Water Consulting

