



SOIL AND WATER CONSULTING

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Re: Spring Visit

Dear Juan,

I added one type of testing to the data this time- Nitrogen availability on the Standard Soil Audit. All areas of the course were low or in a good range, so if you see the need for Nitrogen applications this Spring feel free. However, as I will discuss in this letter, be patient and wait for the natural flush of growth with rising soil temperatures and better weather. I believe that May 1st each year, should be your beginning point of all fertility programs. Although we see green grass and warmer weather, the averages tell me that no one looks "good" until Memorial Day. So with that in mind, plan any of the recommendations for product applications accordingly.

For this visit, we were two weeks ahead of when we sampled in 2016. You had roughly the same air and soil temperatures. If you consider the 2017 Spring sample collection a month later than this year (May 17th) you can see how fast the air and soil temperatures combine for much better growing conditions. Historically speaking, April 's weather is a bust! Yes there are some good days, but from a grass growing standpoint the weather is just not good enough.

The recent applications to the tees of 0-0-50 and K-Mag were helpful. You can see a difference on the Saturated Paste results. I think one more application of the same on tees before July 1st will be enough for Summer. The fairways will need some potassium this Spring. The best option is a blanket application of 0-0-50 at a rate of 100 pounds of product per acre. This can be done at any time.

The greens were still in Winter dormancy when I was there. The soil temperatures were still very low and without higher overnight air temperatures you just can't make things happen. So, for now focus on where things are deficient and wait on any Nitrogen applications until soil temperatures reach a steady 60 degrees. Please apply the following products to all the greens as soon as time allows:

2 pounds of product per 1,000 square feet rate of Manganese Sulfate **two times by June 1st**
4 pounds of product per 1,000 square feet rate of Poly-K (slow release 0-0-50)

As you have time, let's go over the report in more detail. The Clubhouse grounds should be easy to get started with. I appreciated your time during my visit and I look forward to talking with you soon. Thank you.

Sincerely,
Corey Angelo
Owner
Soil and Water Consulting