



SOIL and WATER CONSULTING

Corey M. Angelo
Consultant

April 29, 2019

Re: Spring Visit and Sample Collection

Summary of lab data:

- *Tees and Fairways data is good for this early in the season as far as availability of nutrients. If it does get dry spray acidifying tank mixes. Add Epsom Salts in all tee and fairway spray tank mixes. I don't believe a granular fertilizer is necessary this Spring. Look into the cost of Pro-Mag for tees and fairways at a rate of 150 pounds per acre. (for a later this season application)*
 - *Greens soils data was very good and consistent. Manganese is still lagging. It would take monthly applications of manganese sulfate to see a steadier and more rapid increase in levels.*
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Dear Tom,

We have already discussed some of your thoughts for 2019. You have accomplished a tremendous amount of work this year already and the golfers will love it this Summer. However, now that we are looking at the routine maintenance practices becoming more regular, thinking about fertility and chemical plans are wise as well. I am a believer that almost every golf course can save on their current chemicals budget. However, it is impossible for me to make the call in that I am not on the ground every day. You see and feel things only you can. I can help in that if we get the soils into the proper balance and keep up the regular soil solution available nutrient levels, you can use less of the "medicine".

Manganese is a natural fungicide and a great turf colorant. You are deficient in all soils areas. Manganese sulfate is not cheap or easy to apply but it does pay off over the long term.

Let's discuss how best to adjust the slight imbalances in each area's soils and see if you can have even healthier turf going into Summer. So far, you are off to a great start with much higher soil temperatures compared to 2018 and a little bit warmer temperatures recently. You still have even one more level of soil temperatures warm up that should have the grass jumping out of the ground.

If you have any further questions, please contact me. Thank you.

Sincerely,
Corey Angelo
Soil and Water Consulting

