



SOIL and WATER CONSULTING

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Consultant

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Re: Fall Sample Collection

Summary of lab data:

- *The tees and fairways, for the sake of better balance in the soil, should have an application of 125 pounds of product per acre rate of Pro-Mag.*
- *The greens should receive monthly applications of 3 pounds of product per 1,000 square feet rate applications of 11-55-00 once per month until at least December. Then again in February if weather is normal.*

Dear Kent,

I think you had one of the best overseeds I saw on my recent Southwest area tour! Probably one of the best you have had in Tucson. The 21-0-0 applications over Summer had the bermudagrass base nearly perfect to seed in to. You could even see seed germinate in the lines from slicing you had done in July. The Verti-quake and roto-knife have been great tools for that soil type. They keep things opened and draining better-even though monsoon season was very dry. The tees and fairways were fine for all nutrient levels, but I recommend the Pro-Mag application to help the soil be more balanced on the Base Saturation portion of the Soils test. Also, being that nitrogen is unnecessary at this time, the magnesium, iron and manganese combination in the Pro-Mag will give the ryegrass great color.

The greens were slightly low in Phosphorus. I think it will be worth the effort to apply M.A.P. because the recent seeding you did on the greens will need some root development help through the Winter months. Even though the seedling mortality rates are high when you interseed into existing greens, having the proper nutrition for the new plants will give you the best chance for success. We looked at the new bermudagrass PG behind the Clubhouse and you have said the members love it. The spots on the course where you have sodded the edges with bermudagrass have allowed you to expand #14 and keep a tough area alive like on the back of #15. With the almost certain resurfacing of the greens, (at a minimum) I see no downside to incorporating bermudgrass this way.

On this trip, I had many Superintendents tell me how hard it is to find and keep crew members or that hours had been reduced even if they had full staff. It sounded about the same for you. For many, as the COVID-19 issue persists, I believe 2021 will see a need to reduce budgets even more. This is when I think this sort of information becomes more valuable. Many Superintendents try to save fertilizer dollars by not applying anything even though they may need something specific and others simply guess and apply a nitrogen-based fertilizer. Now is a time to know what should be applied and what cultural practices make a difference on your specific grounds.

Sincerely,
Corey Angelo
Soil and Water Consulting

