



SOIL and WATER CONSULTING

Corey M. Angelo

Consultant

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Re: Spring Sample Collection

Summary of lab data:

- *The greens are low in manganese. Monthly applications of Manganese Oxide or Manganese Sulfate at a rate of 3 pounds of product per 1,000 square feet can increase levels within the year. Apply 2 pounds of product per 1,000 square feet rate of Poly-K (0-0-50)*

Dear Greg,

I was glad that I was able to make the meeting at your place. Sounded like everyone loved the greens! They were looking very good when I sampled and the aerification was fully healed. I like the late February time for greens aerification. It is starting to warm up by then, but the holes stay open a little longer. The greens seem settled in and all reacting similar. The potable water is really helping and got you over that initial hump when you came on. The data was good on the greens. I didn't have a note saying that you had fertilized the greens prior to me sampling, but the nutrients you had were very available as seen in the Saturated Pastes.

You had recently aerified tees and fairways and I did catch some of that in the samples. An advantage of collecting samples routinely is that when I sample and you just fertilized, we can get some different and interesting information. The nitrogen levels on the soils and tissues were high on the longer cut grass. Also, the solubility of the minerals in the soils was high. It shows what you get from that acidification action of certain fertilizers. How long that reaction is evident in the turf's health process is hard to say but it was at least a few weeks of readily available nutrition.

Although I don't get into client's equipment needs often, I would highly recommend the purchase of a fairway aerifier. (and tractor if needed) With the difficult soils, busy golf schedule and poor irrigation system, constant fairway aerification would make a significant difference in the bermudagrass base as well as at overseeding. In a year with fertilizer prices on the rise, I am recommending trading the cost of the application for the time and labor of the aerification. It is a very underused process in Las Vegas.

When you can, let's catch up and go over the data in detail.

Sincerely,
Corey Angelo
Soil and Water Consulting

