



Sampling Protocol

- Soil test – three areas, one good area, one average area, and one poor area
- Paste extraction test on all areas.
- Provide water quality test from all irrigation sources
 - These tests will show differences of soils and water quality
Develop soil nutrient development plan
- Ongoing:
 - Test water quality – monthly. This will show the season changes as they occur, and appropriate management plans are in place.
 - Soil test poor areas – every 60 days to ensure program is adjusting soil needs.

EarthWorks Soil Test Monitoring Service

The Roadmap to knowing your soil.don't drive blind!

Have you ever driven down a country road at night and switched off the headlights? Not seeing what is ahead and then preparing for the next turn makes it impossible to stay on the road!

As a turf manager, being unaware of the current limiting factors in your soil is driving blind.

During the summer months heat and drought increase the stress and demands on turf. An un-balanced soil chemistry and unknown water quality will multiply these issues.

Soil and Water Testing identifies Limiting Factors:

- At this time of year – there is nothing applied to turf more than water. Due to seasonal changes - it is critical to understand irrigation water quality.
- Build-up of sodium in the root zone
- Lack of phosphorus available to provide turf health
- Limited calcium solubility to fight drought, disease, and traffic
- Bicarbonate accumulation that tie-ups nutrients and minimizes microbiology

Just like headlights illuminate the upcoming curve in the road, soil and irrigation water tests provide valuable information allowing the turf manager to manage issues before they cause damage!

A few soil and water tests done at strategic times provide an incredible amount data and minimize poor turf quality.

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