

**Annual Karsten Center Turfgrass
Research Field Day
University of Arizona**

WHEN: **Thursday, May 15, 2008**
7:00 am to 2:00 pm (lunch included)

WHERE: **Karsten Turfgrass Research Center**
2101 East Roger Rd. Tucson, AZ 85721

WHAT : Technology Tour. Use of electronic field equipment in turfgrass management.

7:00 am – Registration & continental breakfast

7:30 am to 11:15 am -

“How moist is my soil”

Using Soil moisture sensing using time-domain reflectometry (TDR). Dr. Markus Tuller, Soil Physicist. Soil, Water and Environmental Science Department, U of A.

“Salinity profiles – on the run”.

Electromagnetic induction (EM-38) to determine soil salinity
Paul Brown, Extension Biometeorologist, Soil, Water, and Environmental Science Department, U of A.

“Field point measurements of irrigation water and soil salinity”

Soil electrical conductivity (EC) determination by proper turfgrass site sampling
Jim Walworth, Extension Soils Specialist, Soil, Water, and Environmental Science Department, U of A.

“Beat the clock!”

Smart system controllers for improving turfgrass irrigation.
Jeff Gilbert, Research Specialist, Plant Sciences Department, U of A.

“How hard can it be?”

USGA Tru-Firm turfgrass firmness measurements.
Brian Whitlark, Agronomist, USGA Southwest Section.

“When you’re hot, you’re hot. When you’re not, you’re not”

Infrared (IR) thermometry to evaluate turfgrass plant water stress
David Kopec, Extension Specialist and Kai Umeda, Extension Area Agent, U of A.

11:15 – 12:15 **Lunch**

12:15 – 2:00 PM

Turfgrass Plot Tour : *NTEP bermudagrass, NTEP paspalum, Salinity overseed, Fairway overseed, homeowner overseed trails, and salinity screening.*