



Super Science

// IN THE FIELD

NMSU STUDY ON N

By Clark Throssell, Ph.D.

A multi-year New Mexico State University study determined how N fertilization impacts the amount of water certain grasses need to have acceptable quality — specifically Kentucky bluegrass, tall fescue, buffalograss and bermudagrass. Higher N required less water to maintain the same level of quality, but N source had only moderate influence. Contact Ryan Goss, Ph.D., assistant professor of turfgrass science at ryangoss@nmsu.edu for more information.



Right side of the image is the irrigation source (linear gradient irrigation system). Amount of applied water goes from none on left to 150 percent ET on right. You can see the four turfgrass species as you progress away from the camera.

Golfdom suggests...

- **10 a.m., Feb. 4th** — Steps to improving your irrigation water quality, Golf Industry Show, San Diego
- **8 a.m., Feb. 5th** — Expanding the boundaries of ultradwarf bermudagrasses

in the upper South and the transition zone, Golf Industry Show, San Diego

- **1 p.m., Feb. 5th** — Management of fine fescues for "native" rough areas of golf courses, Golf Industry Show, San Diego

NEWS UPDATES



GEORGIA TURF EXPERT HEADS TO OREGON STATE

Alec Kowalewski, formerly an assistant professor of turf management at Abraham Baldwin Agricultural College in Georgia, began work at Oregon State University as the school's new turf specialist on Dec. 31st. He replaces Rob Golembiewski, who took a job at Bayer Environmental Science in March 2012.

He'll divide his time between teaching, researching and working as a specialist with OSU's Extension Service to help the industry. He'll carry out his research on the plots and putting greens at OSU's Lewis-Brown Farm and the Trysting Tree Golf Club near campus. He'll be aided by OSU's Brian McDonald, a research assistant who maintained the turf program after Golembiewski's departure.

“I THOUGHT THIS WAS A RARE, UNIQUE PROBLEM WHEN I FIRST WITNESSED IT IN HAWAII. BUT NOW I’VE SEEN THIS IRON LAYER IN TEXAS, MISSOURI, VIRGINIA, PENNSYLVANIA, WEST VIRGINIA, CALIFORNIA...”

Glen R. Obear on iron layering in two-tiered putting greens (see full story on page 55)