- STOP 2 -

LABORATORY, CLASSROOM, AND IRRIGATION SYSTEMS

Shawn McBurney and John Kaufmann

The laboratory and classroom is yet to be furnished. The room has been designed for up to 40 students in a laboratory. Space around the perimeter of the laboratory is reserved for benches that will accommodate balances, drying ovens, microscopes, and other field laboratory equipment.

The irrigation system designed and installed on the 10 acre Hancock Turfgrass Research Center allows for automatic and uniform coverage of research plots totalling 8 acres. This irrigation system is the most independently controlled system for turfgrass research.

Three of the nine research irrigation systems are capable of distributing varying uniform amounts of water for determining adequate, yet efficient, irrigation regimes for the different turfgrass species. Specific water rate research will be conducted to determine the influence of irrigation scheduling on the encroachment of annual bluegrass. Studies will also be conducted on the influence of water rates and frequency on rooting of bentgrass putting greens.

The remaining research systems are primarily for quality turfgrass maintenance, but can be utilized somewhat for irrigation research. Specifically, the large blocks of Fylking, Touchdown, Omega and Yorktown II at the south end of the research center will be used to study the influence of irrigation levels on Fusarium blight and other diseases.

Table 3.

ROBERT W. HANCOCK TURFGRASS RESEARCH CENTER

IRRIGATION SYSTEMS