

SOIL MOISTURE, PLANT WATER USE AND INFILTRATION IN DIFFERENT ARKANSAS SOILS

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Abstract

Soil moisture in different soils is an important factor in plant water use and irrigation scheduling. Results of experiment on soil moisture, plant water use, and water infiltration in different Arkansas soils in identical weather conditions will be presented in the poster. Gravimetric method and soil moisture sensors have been used to monitor soil moisture during the vegetation period of the plants.