

Irrigation Efficiency

Scheduling Tools for the Real World



Topics

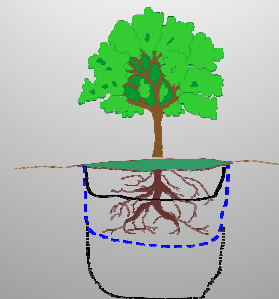
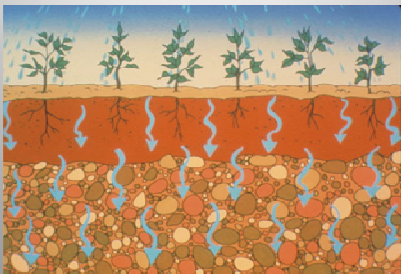
- Irrigation Efficiency
- Soil – Plants – Water; common mistakes
- Everyday tools
- Controllers and sensors
- Weather Data

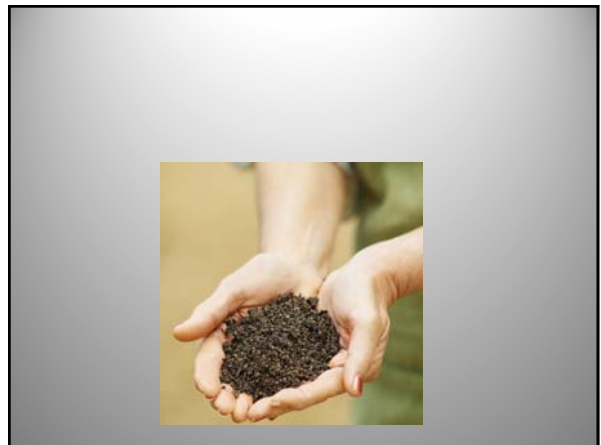
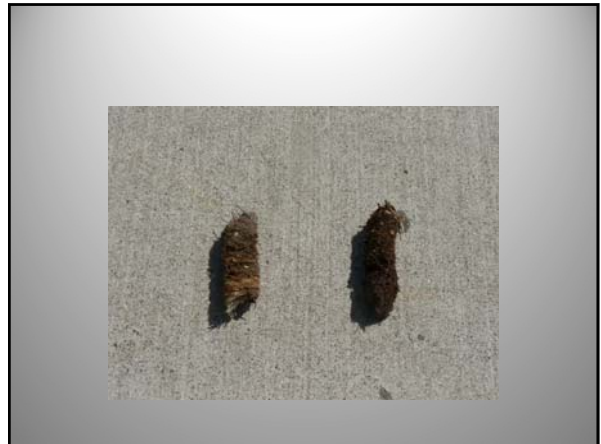
Irrigation Efficiency

$$IE = \frac{\text{water_used_beneficially_by_the_plant}}{\text{water_applied}}$$

Soils – Plants – Water The Most Common Mistakes

- Too shallow
- Too deep
- Too fast





Analyzing the Soil

- Texture
- Condition
- Root Zone
- Compaction
- Thatch



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The slide features a title "Analyzing the Soil" in green text. Below the title is a bulleted list of five items: Texture, Condition, Root Zone, Compaction, and Thatch. To the right of the list is a photograph of a person in a grey shirt and khaki pants using a soil probe on a green lawn. The probe is a long, thin metal rod with a handle. In the bottom left corner, there is a small blue icon of a document. At the bottom center, there is a small copyright notice: "Copyright 2004 H2O Systems, Inc. On loan to the WMS with permission".

