Water Conservation Management Program
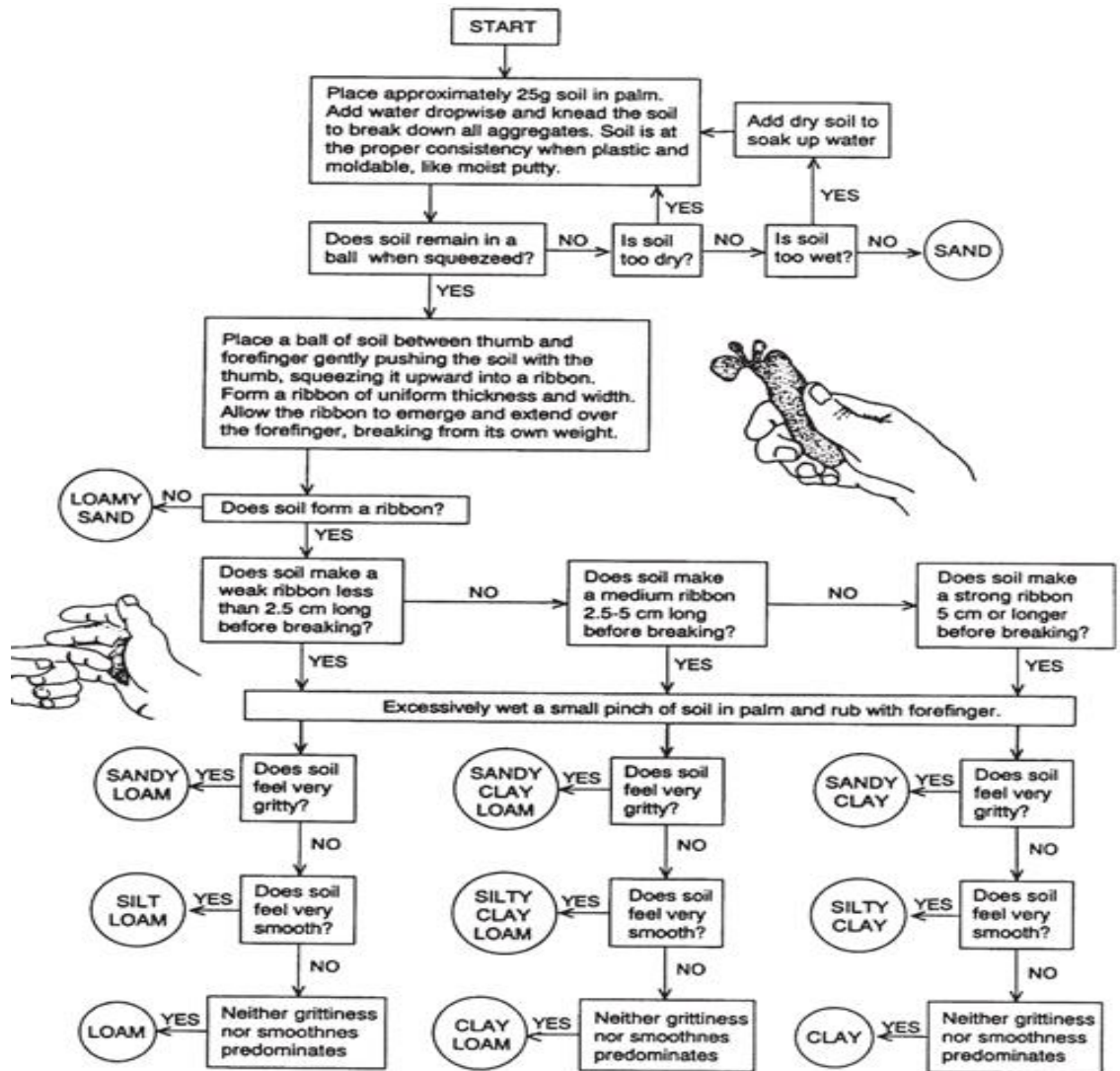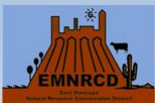
What Type of Soil Do You Have??

Managing irrigation water requires the identification of a few different components in the irrigation system. One of the components is identifying what type of soil you have so you know how much water the soil holds. This may change from one field to another or it may even change several times within a field. So the question remains, how is soil type identified? To the right is a step by step guide that is used to help identify soil types. Once the soil type is determined, the water holding capacity can be identified. The water holding capacity tells us how much water the soil holds. Applying more water than what the soil holds results in lost, unrecoverable water that the crop will not be able to use.

This information provides the base necessary to establish a sound irrigation scheduling program.

The WCMP provides irrigation services that help improve irrigation efficiency and save you money. Through a cooperative effort between the East Maricopa Natural Resource Conservation District and the Arizona Department of Water Resources, the WCMP is a free irrigation management services program helping to sustain production agriculture in the Phoenix AMA. The WCMP provides water measurement, slope determination, irrigation scheduling assistance, irrigation system evaluations, pump energy analyses, and practical recommendations to help improve irrigation efficiency.

Call today to experience the value of the WCMP
480.466.2968

The WCMP is available to assist with determining soil types, textures, water holding capacities, and many other technical services to help you maximize your irrigation efficiency.

WCMP SERVICES

- ❖ Irrigation System Performance Evaluations
- ❖ Flow Rate Measurement
- ❖ Ag BMP Enrollment
- ❖ Irrigation Scheduling Assistance
- ❖ Topographic Survey
- ❖ Soil Texture & Water Holding Capacity Identification
- ❖ Root Depth Determination
- ❖ Field & Set Size Measurement

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