

IRRIGATORS:

LOOKING FOR WAYS TO SAVE WATER, ELECTRICITY, AND MONEY?

The **Montana Association of Conservation Districts (MACD)** can help you implement the technology and advantage of *Irrigation Water Management* on your irrigated cropland.

Irrigation Water Management is the practice of monitoring and managing the rate, volume, and timing of water application according to the seasonal crop needs, giving consideration to the soil intake and water holding capacity. Soil moisture should be managed to obtain optimum yields without losses to deep percolation or runoff.

Irrigation Water Management will help you:

- Evaluate the effectiveness of irrigation equipment
- Calculate good water management decisions,
- Justify irrigation adjustments in your existing system.

Our team works with irrigators to **customize** irrigation water management specific to the watering requirements of their crops and soils.



Available tools include:

- “Checkbook” method to monitor and balance soil moisture in irrigated cropland.
- Flow meters to record instantaneous flow rates and total volume usage.
- Soil moisture sensors and meters to monitor soil water deficit.
- Soil moisture data loggers to record soil moisture history throughout the growing season.

MACD’s Irrigation Water Management Service complements the financial and technical assistance provided by the NRCS EQIP program. MACD’s sign-up period for the 2015 growing season is currently open. For more information visit www.macdnet.org or send an email to macdiwm12@hotmail.com.

MACD is a private, non-regulatory association of conservation districts supporting agriculture.

