

IRRIGATORS

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

WHO: The Montana Association of Conservation Districts (MACD*) can help you implement **Irrigation Water Management** on your farm.

WHAT: 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.

Apply the technology and advantage of Irrigation Water Management on a portion of your irrigated cropland. Irrigation Water Management will help you evaluate the effectiveness of irrigation equipment, calculate good water management decisions, and justify irrigation adjustments in your existing system.

The MACD's Irrigation Water Management Service will work with irrigators to set up customized irrigation water management tools 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.

WHY: The MACD's Irrigation Water Management Service complements the financial and technical assistance provided by the NRCS EQIP program.

WHEN & WHERE: The sign-up period for the 2012 growing season is July 1, 2011 until August 15, 2011. The program is available throughout Montana.

HOW: For more information visit your local Conservation District or www.macdnet.org

**MACD is a private, non-regulatory association that helps landowners manage natural resources.*



Montana Association of
Conservation Districts

www.macd.org