



United States Department of Agriculture
Natural Resources Conservation Service

Conservation Activity Plan

Irrigation Water Management

*Not bad, but
drip-micro is
better in Arizona
and California*

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Irrigation Water Management

An irrigation water management conservation activity plan is a site-specific strategy to help a landowner optimize water productivity, control leaching, and reduce energy consumption.

NRCS Technical Service Providers (TSPs) prepare these plans using inputs such as:

- Irrigation water requirements by crop, **by your reasoned goals**
- Soil and water tests for salinity and nutrients
- Estimates of planned irrigation application volumes and flow rates
 - **Critically, we estimate application rates in terms of inches/hour (net), and then you or your manager integrate our other estimate of irrigation sagacity into your irrigation set schedules (gross).**

Conservation practices recommended by such a plan can include:

- Irrigation pipelines and control valves; Water Filtration
- Irrigation systems such as surface sprinklers, surface, and micro-irrigation
- Salinity and sodic soil management
- Pumping plants
- Soil moisture monitoring combined with historical weather data & local crop factors
- Gypsum, Acid & Fertilizer Injection
- Enabling "on demand" irrigation

For more information, please visit www.nrcs.usda.gov and search for Technical Service Providers in Arizona and California with specialties in all Irrigation Categories.

www.waterbalance.net

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.....where diagnosis always
precedes recommendations.**