



Guess What?

There are many other practices (often overlooked by growers) that can help reduce irrigation water use and/or save water on the farm (especially when used together)

I like to refer to these practices as "The Forgotten Practices"



Farm Issues

Affecting Use of Water on the Farm

Fertility Management Costs

Crop Pests

Reduced Water Supply
Site Challenges including Topography

Runoff and Drainage

Other (Food Safety, Water Quality, Species, etc.)





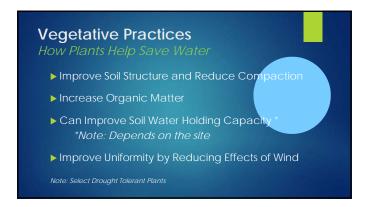














Structural Practices
That Holp Save/Produce Water

Recharge Basins

Sediment Basins

Irrigation Ponds & Reservoirs (Tanks & Liners)

Water Harvesting Systems

Offset/reduce or eliminate use of well water & demand on groundwater supply

And (of course) various irrigation system improvements

Structural Practices

How Structures Help Save/Produce Water

Capture & store rainwater and runoff

Convey or redirect runoff & irrigation water

Retain or detain storm water runoff & reduce erosion

Spread or dissipate water to increase soil infiltration

Recycle & reuse tail water or storm water runoff

Helps keep clean water clean so that it can be reused

Combining Practices
To Help Save/Produce Even More Water

When management, vegetative and structural practices are installed to complement one another ever more water can be saved or produced on the farm such as:

Plant a soil building cover crop in a seasonally fallowed crop rotation

Install a windbreak along with row arrangement and/or land smoothing to improve irrigation uniformity and reduce soil erosion

Combining Practices

To Help Save/Produce Even More Water

Change to a lower water using crop, match the crop to the soil, and install a storm water retention or detention basin

Use the natural landscape and site drainage characteristics along with row arrangement and field lay out to reduce irrigation water use

Improve water holding capacity with reduced tillage, crop residue use and mulching/composting







