

Water Quantity Enhancement Activity – WQT02 – Mulching for moisture conservation



Enhancement Description

This enhancement consists of using fibrous mulch to reduce irrigation evaporation losses from bare soil surfaces.

Land Use Applicability

Cropland

Benefits

This enhancement conserves irrigation water by reducing the evaporative effects of wind and high temperatures on bare soil surfaces.

Criteria

1. This enhancement is for mulching material used for an irrigated cropping system.
2. Implementation of this enhancement requires compliance with the requirements of the Conservation Practice Standard, Mulching (484).
3. A minimum of 60% of the soil surface must be covered in order to qualify for this enhancement.
4. All mulching material must be biodegradable.

Documentation Requirements

1. List of fields where this enhancement was applied, field size, and type of mulch used
2. Photo documentation of mulching; photos must be date stamped and labeled with field number

ALABAMA SUPPLEMENT TO ENHANCEMENT WQT02 MULCHING FOR MOISTURE CONSERVATION

The use of mulching material can improve soil moisture conservation by reducing evaporation and reducing the need for irrigation. This enhancement is applicable to irrigated crop land. The producer must use mulching material that is biodegradable that will cover a minimum of 60% of the soil surface. Implementation of this enhancement requires compliance with Conservation Practice Standard, Mulching (484). Refer to the national enhancement for more information.

Documentation Requirements:

1. List of fields where this enhancement was applied, field size, and type of mulch used.
2. Photo documentation of mulching: date stamped and labeled with field number.

NRCS, Conservation Practice Standard, Mulching (484)

<http://efotg.sc.egov.usda.gov/references/public/AL/484rev04.pdf>

ALABAMA SUPPLEMENTAL INFORMATION FOR THIS ENHANCEMENT

WQT02 - Mulching for Moisture Conservation

Documentation Form

Producer Name:			Date:		
Tract Number(s):			County:		
Fields:					
Field Size (acres):					
Type of Mulch used:					

NOTE: Attach photo documentation of mulching. Photos must be date stamped and labeled with field #.
The supplied documentation accurately reflects the implementation of this enhancement.

SIGNATURE: _____