

United States Department of Agriculture



Natural Resources Conservation Service
Parkade Center, Suite 250, 601 Business Loop 70 West
Columbia, Missouri 65203

March 23, 2012

MISSOURI TECHNICAL GUIDE TRANSMITTAL NO. 497

The following Missouri Conservation Practice Standards, Specifications, Operation & Maintenance (O&M) and Statements of Work (SOW) have been posted on the Missouri Field Office Technical Guide (FOTG):

- *Irrigation Pipeline (430) – Standard, Specification, O&M and SOW*
Changes have been made to be consistent with recent national standard. A new purpose of “Reduce Energy Use” and accompanying Criteria was added.
- *Irrigation Reservoir (436) – Standard, O&M and SOW*
Changes have been made to be consistent with recent national standard. New purposes of “Reduce Energy Use” and “Develop Renewable Energy Systems” along with accompanying Criteria and Reference were added.
- *Irrigation System, Microirrigation (441) - Standard and SOW*
Changes have been made to be consistent with recent national standard. The Unit was changed from (No. & Ac.) to (Ac.). A new purpose of “Reduce Energy Use” and accompanying Criteria were added. The filter permissible design head loss was changed, and a requirement for an Irrigation Water Management Plan was added.
- *Irrigation System, Sprinkler (442) - Standard and SOW*
Changes have been made to be consistent with recent national standard. A new purpose of “Reduce Energy Use” and accompanying Criteria was added.
- *Irrigation System, Surface and Subsurface (443) - Standard and SOW*
Changes have been made to be consistent with recent national standard. A new purpose of “Reduce Energy Use” and accompanying Criteria was added.
- *Irrigation System, Tailwater Recovery (447) - Standard and SOW*
Changes have been made to be consistent with recent national standard. A new purpose of “Reduce Energy Use” and accompanying Criteria was added.

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- *Irrigation System, Irrigation Water Management (449) - Standard and SOW*
Changes have been made to be consistent with recent national standard. A new purpose of “Reduce Energy Use” and accompanying Criteria was added.
- *Anionic Polyacrylimide (PAM) Application (450) - Standard and SOW*
Changes have been made to be consistent with recent national standard. A new purpose of “Reduce Energy Use” and accompanying Criteria was added.
- *Pumping Plant (533) - Standard and SOW*
Changes have been made to be consistent with recent national standard. A new purpose of “Reduce Energy Use” and accompanying Criteria was added. The Criteria Applicable to All Purposes was augmented for renewable power units, and Additional Criteria Applicable to the Improvement of Energy Efficiency was removed.
- *Subsurface Drain (606) – Standard, Construction and O&M, and SOW*
Changes have been made to revise the Purposes and expand the Conditions Where Practice Applies. The Criteria was revised, the Considerations were expanded, additions were made to Operation and Maintenance, and References were added.

If you have any questions regarding these conservation practices please contact Mari Gilford, Agriculture Engineer, State Office, Columbia, MO.



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State Conservationist

DIST: eFOTG