

STATEMENT OF WORK
Residue and Tillage Management – Mulch Till (345)
Oklahoma

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN**Deliverables:**

1. Design documents that demonstrate criteria in NRCS practice standard have been met and are compatible with planned and applied practices.
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required permits to be obtained by the client
 - c. Practice standard criteria-related computations and analyses to develop plans, specifications and operation and maintenance plan including but not limited to:
 - i. Results of NRCS erosion prediction tools and other applicable technical tools to address targeted criteria (Soil Condition Index, STIR, % surface residue cover).
 - ii. Planned residue/cover amount and crop(s) grown (rotation)
 - iii. Orientation of residue
 - iv. Distribution of residue
 - v. Timing of soil disturbance
 - vi. Other requirements of the conservation practice standard Residue and Tillage Management, Mulch Till (345)
2. Certification that the design meets practice standard criteria and complies with applicable laws and regulations.
3. Design modifications during application as required.
4. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
5. When soil erosion is to be calculated, the current NRCS approved erosion prediction technology will be used.
Note: The SCI, STIR and % surface residue cover are an output component of the Revised Universal Soil Loss Equation 2 (RUSLE2) computer program. RUSLE2 and WEQ are available to document crop rotations.

INSTALLATION**Deliverables:**

1. Pre-application conference with client
2. Verification that client has obtained required permits
3. Application guidance as needed
4. Facilitate and implement required design modifications with client and original designer
5. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation
6. Certification that the application process meets design and permit requirements
Note: The SCI, STIR and % surface residue cover are an output component of the Revised Universal Soil Loss Equation 2 (RUSLE2) computer program. RUSLE2 and WEQ are available to document crop rotations.

CHECK OUT**Deliverables:**

1. Records of application.
 - a. Extent of practice units applied
 - b. Actual amount and height of residue present at planting or during critical periods to meet standard criteria
 - c. STIR value and/or % surface residue cover
 - d. Crop species
 - e. SCI when needed
2. Certify and document that all the criteria listed in the Design Deliverables meet NRCS standards and specifications and are in compliance with permits.
3. Progress reporting.
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REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Residue and Tillage Management, Mulch Till (345)
- NRCS National Agronomy Manual (NAM) parts 501, 502 and 506
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook