



Producer: _____
 Location: _____
 Farm Name: _____

Project or Contract: _____
 County: _____
 Tract Number: _____

DEFINITION

Managing the amount, orientation, and distribution of crop and other plant residue on the soil surface year-round while limiting soil-disturbing activities used to grow and harvest crops in systems where the field surface is tilled prior to planting.

Practice Purpose(s): (check all that apply)

- Reduce sheet, rill, and wind erosion.
- Reduce tillage-induced particulate emissions.
- Maintain or increase soil quality and organic matter content.
- Reduce energy use.
- Increase plant-available moisture.

Specification

Practice Location Map (see conservation plan maps)

1. Crop residue shall be uniformly distributed on the soil surface.
2. Crop residue shall not be burned.
3. Limit tillage intensity to the level as listed in the attached RUSLE 2 output to achieve soil erosion, soil quality, energy use and/or plant available goals.

Additional Specifications to Increase Plant-Available Moisture

Maintain a minimum 60 percent surface residue cover throughout the year.

Planned crop(s)	Amount of residue produced by each crop (lbs/acre or % surface cover)	List ALL fields operations or activities that affect residue cover, residue orientation, or surface disturbance	Operation or activity timing (month)
See RUSLE 2 output (Use worksheet profile output <i>NRCS_Profile_with_SCI_STIR_Fuel_Use_and_Crop_interval_erosion04232015.pro</i>)			
Additional comments:			

Designed By: _____ Date: _____

345 – Residue and Tillage Management Reduced Till Implementation Requirements

Operation and Maintenance:

- Evaluate/measure the crop residues cover and orientation for each crop to ensure the planned amounts and orientation are achieved.
- Adjust management as needed to either plan a new residue amount or orientation, or adjust the planting, tillage, or harvesting equipment.
- If there are areas of heavy residue accumulation (because of movement by water or wind) in the field, spread the residue prior to planting so it does not interfere with planter operation.

Certification Statement: (certification may be documented in the conservation assistance notes)

I certify that implementation of this conservation practice is complete, meets criteria for the stated purpose(s), and meets the NRCS conservation practice standard and specifications.

X

Planner/Technical Service Provider