



Producer: _____

Location: _____

Farm Name: _____

Project or Contract: _____

County: _____

Tract Number: _____

Definition

Limiting soil disturbance to manage the amount, orientation and distribution of crop and plant residue on the soil surface year around.

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.
- Provide food and escape cover for wildlife.

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. Partial removal of crop residue due to baling or grazing shall be limited to retain the amount of residue needed. Remaining crop residue shall be maintained until planting of the next crop.
4. No full width tillage shall be performed regardless of the depth of the tillage operation. If spot tillage is needed (leveling ruts, etc.), tillage shall be limited to no more than 25% of the field.
5. The Soil Tillage Intensity Rating (STIR) value shall include all field operations that are performed during the crop interval between harvest of the previous crop and harvest or termination of the current crop (includes fallow periods). The STIR value shall be no greater than 20.

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** _____

Operation and Maintenance:

- Evaluate/measure the crop residues cover and orientation after each crop to ensure the planned amounts and orientation are achieved.
- Adjust management as needed to maintain adjusted residue amount and orientation or adjust the planting and/or harvesting equipment.
- Limited tillage is allowed to close or level ruts from harvesting equipment. No more than 25% of the field may be tilled for this purpose.
- 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