

Producer:
Location:
Farm Name:

Project or Contract:
County:
Tract Number:

Practice Location Map

(Show detailed aerial view of where practice is to be installed on farm/site, showing all major components, stationing, relative location to any landmarks, and survey benchmarks)

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Cover Sheet

Specifications

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Operation & Maintenance

Utility Safety / One-Call System Information

Description of work:

NRCS Review Only

Designed By:	Date:
Checked By:	Date:
Approved By:	Date:

TN 345 - Residue and Tillage Management, Reduced Till Implementation Requirements

The 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.
- Increase plant-available moisture.
- Reduce energy use.

Attach a RUSLE2 Profile printout or a WEPS printout that displays:

1. Planned crop(s).
 2. The amount of residue produced by each crop.
 3. All field operations or activities that affect: (1) amount of residue cover, (2) residue orientation and (3) surface disturbance.
 4. The amount of residue (pounds/acre or percent surface cover) required to accomplish the purpose, and the time of year it must be present.
 5. The maximum Soil Tillage Intensity Rating (STIR) value allowed to accomplish the purpose and the time of year that soil disturbance is allowed.
 6. The minimum Soil Conditioning Index (SCI) value required to accomplish the purpose.
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Additional Specification to Increase Plant-Available Moisture:

Reducing Evaporation from the Soil Surface. Maintain a minimum 60 percent surface residue cover throughout the year.

Operation and Maintenance:

Evaluate/measure the crop residues cover and orientation for each crop to ensure the planned amounts and orientation are being 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.

ATTACHMENTS:

RUSLE2 and/or WEPS Printouts