

Producer:
Location:
Farm Name:

Project or Contract:
County:
Tract Number:

Practice Location Map

(showing 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)

Index

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:

329 - Residue and Tillage Management

No Till

Implementation Requirements

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

- | | |
|---|--|
| Reduce sheet, rill, and wind erosion. | Reduce energy use. |
| Reduce tillage-induced particulate emissions. | Increase water use and precipitation storage efficiency. |
| Maintain or increase soil quality and organic matter content. | Provide food and escape cover for wildlife |
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For all identified purposes:

Attach a planned RUSLE2 and/or WEPS profile summary printout for each designated crop management unit (CMU) that displays the following items and planning criteria needed to meet the identified practice purpose(s):

1. Planned crop(s) and yield goals for the life of the contract.
 2. Specific equipment and timing of all operations utilized for no till for each crop interval (harvest of the previous cash crop to harvest of the current cash crop.
 3. At a minimum specify the planned residue amounts (% cover or lbs/ac) for: (1) after harvest of the prior crop and (2) for planned residue cover after seeding the planned crop.
 4. The Soil Tillage Intensity Rating (STIR) for each crop interval and Soil Condition Index (SCI) for the cropping system.
 5. If applicable include baling and/or grazing and identify timing and required after residue necessary to meet purpose criteria (also attach description of baling and grazing potential impacts and justification for residue removal).
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For each purpose selected include the additional implementation requirements below (check those included):

Reduce Sheet/Rill Erosion; Reduce Wind Erosion and Tillage Induced Particulate Matter

1. Amount of randomly distributed surface residue needed (% cover or lbs/ac):
2. Time of the year the residue needs to be present in the field :

Improve Soil Quality and Organic Matter Content

1. Soil Conditioning Index (≥ 0.2):

Increase Water Use and Precipitation Storage Efficiency

1. Maintained residue cover % or lbs/ac amount (min 2000 lb/ac small grain equiv):
2. Maintained crop stubble height (min 10 in):

Reduce Energy Use

1. Provide energy calculations in above RUSLE2 documentation or attach the Washington Cropland Energy Evaluation Tool (CEET) with energy calculations for field operations only:
2. % Savings between benchmark and planned (min 25%):

Provide Food and Cover for Wildlife

1. Attach Biology Tech Note 14 and any additional mitigation or implementation requirements necessary specific to the targeted species:
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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.

ATTACHMENTS: RUSLE2 and/or WEPS Printouts



Additional considerations and/or general implementation guidance:

Empty box for additional considerations and/or general implementation guidance.

Client's Acknowledgement (To be signed after Job sheet is completed and before practice installation.)

By signing below, I acknowledge that I:

- have reviewed and understand the site specific design, installation specifications and operation/maintenance requirements in this Job Sheet and have an understanding of the purposes and criteria for use of this conservation practice;
- will install, operate, and maintain this conservation practice in accordance with the site specific Job Sheet specifications.
- will make no changes to the planned design and installation without prior written approval of the Natural Resources Conservation Service.
- will obtain all necessary permits and/or rights, and comply with all ordinances and laws pertaining to the installation, operation, and maintenance of this conservation practice, prior to the start of installation; and
- will assume responsibility for notifying all Utilities affected by the installation, operation and maintenance of this conservation practice.

Signature: _____ Date: _____

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