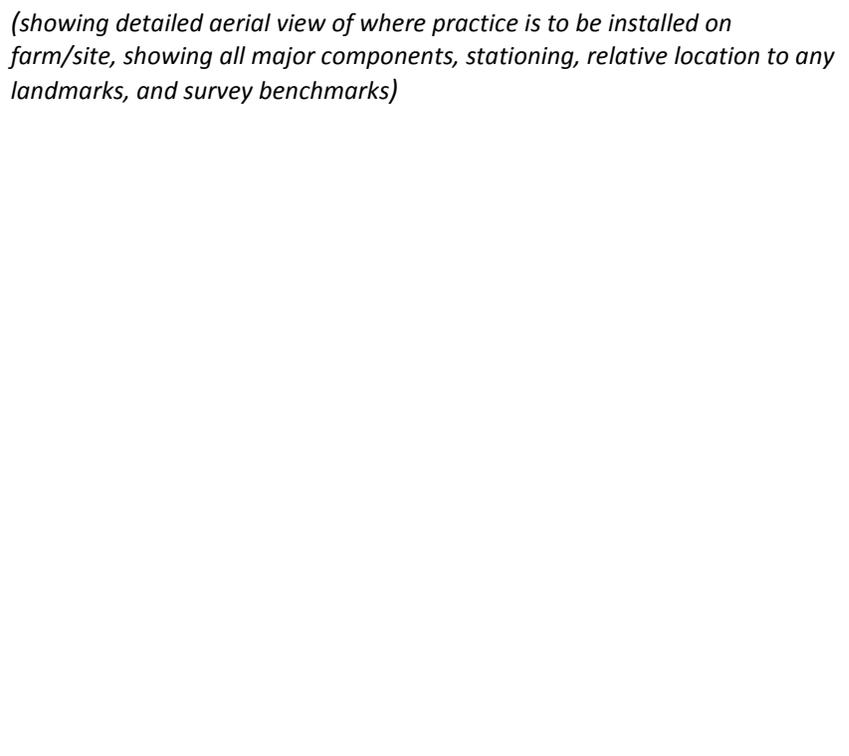


Producer:
Location:
Farm Name:

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: |

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

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

1. Planned crop(s).
 2. Specific equipment operations for each crop.
 3. The planned residue amounts: (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) and Soil Condition Index (SCI).
-

Additional Specifications to Increase Plant-Available Moisture (check all that are appropriate)

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

Trapping Snow. Fall tillage operation shall leave the crop stubble in an upright position. Maintain a crop stubble height during the time significant snowfall is expected to occur to:

- At least 10 inches for crops with a row spacing of less than 15 inches;
- At least 15 inches for crops with a row spacing of 15 inches or greater.

Maintain these heights over at least 50% of the field.

Conduct fall tillage operations as close as possible to perpendicular to the direction of prevailing winds during the time that significant snowfall is expected to occur.

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.

ATTACHMENTS:

RUSLE2 and/or WEPS Printouts