

**PA329 - Residue and Tillage Management No Till
Implementation Requirements / Job Sheet**

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.
- Reduce energy use.
- Increase water use and precipitation storage efficiency.
- Provide food and escape cover for wildlife

Attach a RUSLE2 profile summary printout that displays:

1. Planned crop(s).
 2. Specific equipment utilized for no till for each crop.
 3. At a minimum specify the planned residue amounts 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) and Soil Condition Index (SCI).
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Crop stubble height during the time of expected evaporation losses shall be:

- 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.

These stubble heights shall be present on at least 60% of the field.

Trapping Snow. Crop stubble height during the time significant snowfall is expected to occur shall be:

- 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.

These heights shall be present over at least 50% of the field.

Fall field operations that disturb residue shall be done as close to perpendicular as possible 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 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 Printouts

Check Out and Certification Requirements:

I certify that the above Specifications and Implementation requirements _____ have _____ have not been met in accordance with the criteria of the NRCS PA Conservation Practice Standard PA329. The total of _____ acres of this practice were installed on the locations covered by this implementation requirement job sheet on the date(s) of _____.

Signature Designated Conservationist or Technical Service Provider

Date