

**Residue Management 329, Residue Tillage  
Pilot for Long Term No-Till  
EQIP - 2006**

NRCS in Delaware will provide an incentive to encourage producers to do a better overall job of improving soil quality. Benefits include:

- Sequester CO<sub>2</sub>, increase organic matter and improve the CEC (Cation Exchange Capacity) of soils
- Improve water efficiency by reducing evaporation and improving water holding capacity of soils
- Energy and fuel savings
- Air Quality impacts include: Less fuel used, reduced carbon dioxide production and less particulate matter generated

Notes:

- Practice meets the Delaware NRCS Standard Code 329
- In addition producer agrees to follow NRCS standards Code 590 nutrient management and Code 595 pest management

<b>Tier II</b>	<b>\$40/acre/year incentive payment for 3 consecutive years followed by 2 consecutive years of maintenance at the same level of management.</b>
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- RUSLE 2, SCI, 3 year rotation is  $\geq .3$ , STIR value  $\leq 15$
- No residue removed (annual crops)
- **2 out of 3 years**, during incentive payments small grain or winter cover is planned. **3 out of 5 years to be planted to cover crop.** (Eligible for cost-share through EQIP practice code 340 without further competition)
- In addition, a high residue producing crop shall be planted 3 years out of 5 during the summer growing season
- **Soil sample 0-2 inches taken every fall (average one sample per 20 acres). Shallow samples will monitor changes in organic matter and CEC.** A split soil sample 0-2 inches and a 2-6 inch (nutrient status) taken every two years
- **5 year contract**