No-Till, More Yield

Problem
Erosion of farmland in southeastern Idaho

Background
- Prime farmland
- Sporadic heavy rainfall
- High winds
- 5.8 tons/acre/yr lost

Solution
No-till farming

How Does No-Till Work?
- Crops left on ground after annual harvest
- Root systems hold soil particles together
- Soil is not washed or blown away

Costs and Benefits
Economics of Conventional Tillage Vs. No-Till

Tillage Comparison

Assessment Steps
Measure changes in crop yield, soil erosion, and soil quality
Compare to USDA's Web Soil Surveys from 1981 and 2011
Talk to farmers and local soil surveyors

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References
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