

Reducing Tillage Reduces Carbon

No-till is...

a technique where all of a previous crop's residue is left on the soil's surface after harvest. This residue boosts soil health by protecting against soil erosion, temperature extremes and water evaporation while adding soil organic matter. **No-till farming minimizes soil disturbance, keeping carbon in the soil.**

How it works...

Rather than tilling, farmers leave a permanent soil cover and drill through the upper soil layers to plant seeds, using herbicides and maneuvering organic matter in the soil to manage weeds. **Since its left intact, soil holds onto carbon dioxide, which means less CO₂ is released into the atmosphere.**

Fun fact...

According to the USDA, no-till farming saves a combined 812.4 million gallons of fuel each year – roughly the annual amount of energy required by 3.2 million homes - and reduces CO₂ emissions by 9.1 million tons – the equivalent annual emissions of 1.9 million passenger cars.



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