

How does strip tillage benefit me?

- Leaves macropores undisturbed between strips, improving infiltration, oxygen levels and yields.
- Reduces tillage time and allows for earlier planting.
- Retains carbon and organic matter, conserves soil moisture and improves aggregation, infiltration and bulk density, all indicators of a healthy, productive soil.
- Reduces soil erosion and loss of nutrients and agrochemicals.
- Incorporates nutrients directly in the row, protecting nutrients until they are used by the crop.
- Combined with variable rate application, puts fertilizer where it is needed and most efficiently used by the crop.
- Keeps soil and nutrients on the field and out of our waterways, keeping our water clean, clear and free of harmful algal blooms.
- Demonstrates commitment to the environment.



NRCS, 2014

What can you expect from strip tillage?

- Tilled strips warm up and dry out sooner. Soils can be planted before no-till fields are ready.
- Relieves compacted soils in the planting row, improving plant health and yield.
- Efficiently cover 120+ acres a day depending on size of equipment.



NRCS, 2014

What issues should you consider?

- Fall strip tillage is preferred but can be done in the spring.
- Makes additional use of high horsepower equipment.
- Can be run at up to 8 mph with 15-30 horsepower per row unit depending on implement configuration.
- Larger toolbars (up to 60') are now available with three variable rate dry fertilizer tanks. Liquid and dry fertilizer options are also available.
- May be eligible for EQIP No-till/Strip-till payment.

Additional Resources

Why Strip Till?

<http://cropwatch.unl.edu/web/tillage/stripman>

Fall Strip Tillage Systems: An Introduction

<http://ohioline.osu.edu/aex-fact/0507.html>

Consider the Strip-Tillage Alternative

<http://www.extension.iastate.edu/publications/pm1901c.pdf>

Strip-Till Considerations in Oklahoma

<http://notill.okstate.edu/publications/factsheets/PSS-2134web.pdf>

Check with your county NRCS office and Soil and Water Conservation District for financial assistance program.