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Results of Strip-Till vs. No-Till in Continuous Corn – Lexington, NE

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In continuation of the Sustainable Projects at **Orthman Research & Proving Grounds** – and even in the tough years of drought there is news that the Strip-Tillage method is having a positive impact in continuous corn. Lead Agronomist, Mike Petersen offers this brief report to you.



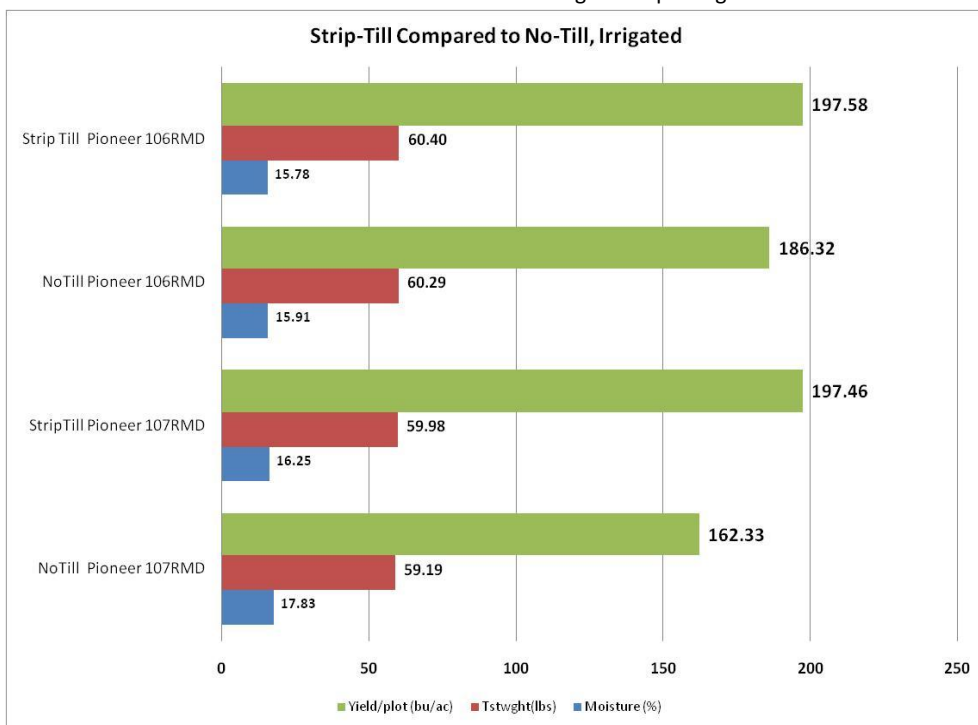
Strip-Till corn emerging – Lexington, NE

For the fourth year in a row [2009-2012] in continuous corn, strip-till has excelled in yield and income/acre. It is our observation in heavy clay loam soils, soil temperature is warmer (2-7°F) in the strip providing an early start, and fertilizer is placed in the root path compared to topical broadcast operations. Using top quality advanced hybrids, strip-till is showing it competes well in corn-on-corn irrigated farming.

In the chart to the right, first trial of ST vs. NT 106 day hybrid, strip-till was 5.5% better; in the second test 107 day hybrid strip-till climbed to 17.7% better than No-Till.



Orthman 8row Research Testing Unit – putting down fertilizer



Tillage Effects: Maintaining fertility equal in both methods, water quantity the same; strip-till in clay loam soils of the Platte Valley can surpass Direct Seeding methodology.

