

## Refereed Publications

- Andraski, B.J. and B. Lowery. 1992. Erosion effects on soil-water storage, plant-water uptake, and corn growth. *Soil Sci. Soc. Am. J.* 56:1911-1919.
- Arriaga, F.J., and B. Lowery. 2003. Corn production on an eroded soil: effects of total rainfall and soil water storage. *Soil & Tillage Res.* 71:87-93.
- Arriaga, F.J., and B. Lowery. 2003. Soil physical properties and corn yield of an eroded soil as affected by long-term cattle manure applications. *Soil Sci.* (Accepted September 2003).
- Azooz, R.H., B. Lowery, and T.C. Daniel. 1995. Tillage and residue management influence on corn growth. *Soil and Tillage Res.* 33:215-227.
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- Brevik, E.C. and T.E. Fenton. 1998. Improved mapping of the Lake Agassiz Herman Strandlines by integrating geological and soil maps. *J Paleolimnology.*
- Brevik, Eric C., Thomas E. Fenton, and Andreas Lazari. 2002 Differences in EM-38 Readings Taken Above Crop Residues Versus Readings Taken With Instrument-Ground Contact. *Precision Agriculture.*
- Brevik, Eric C., Thomas E. Fenton, and Dan B. Jaynes. 2002 Evaluation of the Accuracy of a Central Iowa Soil Survey and Implications for Precision Soil Management. *Precision Agriculture.*
- Brevik, Eric C., Thomas E. Fenton, and Louis P. Moran. 2002. Effect of Soil Compaction on Organic Carbon Amounts and Distribution, South-Central Iowa. *Environmental Pollution* 116: S137-S141.
- Brevik, Eric C., Thomas E. Fenton, and Robert Horton. 2002. Effect of Daily Soil Temperature Fluctuations on Soil Electrical Conductivity as Measured with the Geonics® EM-38. *Precision Agriculture.*
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- Cihacek, L.J., M.D. Sweeney, and E.J. Deibert. 1993. Characterization of wind erosion sediments in the Red River Valley of North Dakota. *J. Environ. Qual.* 22:305-310.
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