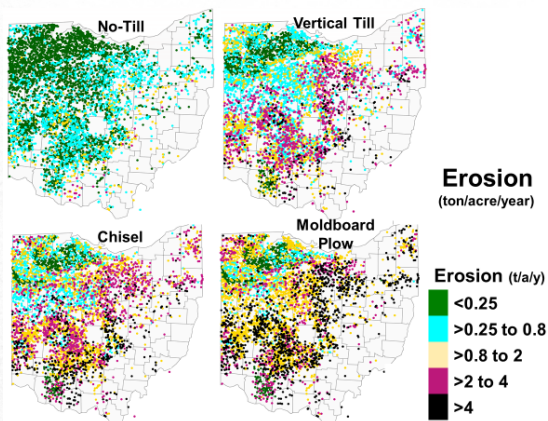


DR. ELIZABETH (LIBBY) DAYTON

Are Water Quality Targets Achievable? Management Matters

Dr. Elizabeth (Libby) Dayton, Shane Whitacre M.S., Dr. Chris Holloman, and Dr. Kim Love



Ohio agriculture is being targeted due to ongoing surface water quality degradation. The recent push to deem the Western Lake Erie Basin as “distressed” illustrates the urgency to act.

The newly developed On-Field Ohio tool provides users a long-term, average estimate of field-scale, edge-of-field phosphorus (P) runoff and erosion risk. The power is the ability to compare crop management scenarios to evaluate changes in erosion and P runoff risk. On-Field Ohio allows farmers to prioritize time and resources to make effective management decisions.

Presented will be examples of erosion and phosphorus runoff outcomes based on field properties and farmer practices, in relation to achieving improved water quality outcomes.



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