



Extension

UNIVERSITY OF WISCONSIN-MADISON
AGRICULTURE WATER QUALITY



BUILDING KNOWLEDGE ABOUT PHOSPHORUS STRATIFICATION IN SOIL HEALTH SYSTEMS

Extension's Agriculture Water Quality Program is looking for high quality on-farm data to help improve our understanding on how soil health practices impact soil phosphorus stratification. Questions still exist on if cover crops, and their impact on soil biology, structure, and nutrient cycling, exacerbate or alleviate phosphorus stratification. Our program seeks to explore this relationship and hopes to answer "Do long term no till + cover crops sites have similar levels of stratified P as long term no-till sites? How uniformly does P stratification exist in no-till fields?". Fields of interest include those with high soil test phosphorus values and those utilizing soil health practices (reduced tillage, cover crops, manure) for varied lengths of time.

WHY COLLABORATE

Learn About Soil Fertility Distribution

Individual participants will gain awareness of their soil nutrient stratification.

Scientific Contribution

Your contribution to this work will aid in an understanding of phosphorus stratification and what relationships occur across different landscapes and within different soil health management systems.

Minimize Risk

Groups will learn about aggregated local results and recommendations for minimizing nutrient loss.

Contact Chelsea Zegler at zegler@wisc.edu for more information or to participate