

The Interplay Between Manure and Compaction

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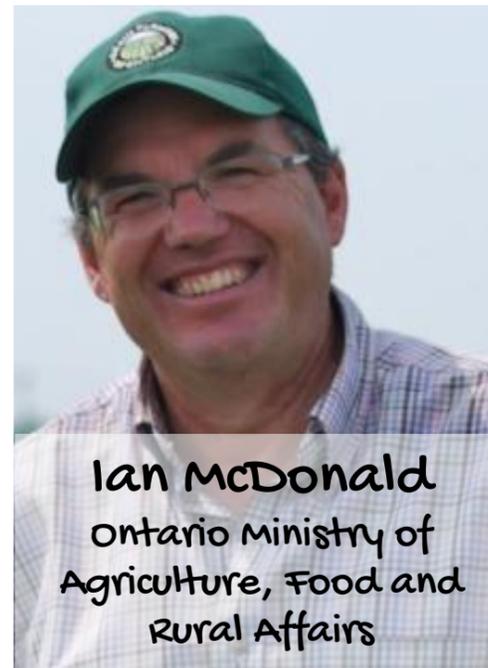
Manure is an extremely valuable input to soil health and crop production because it **supports so many functions** including water movement, microbial growth, nutrient cycling, and adds micronutrients. However, because of its bulk and weight, when applied at the wrong time/conditions compaction issues can offset manure's value. Join us to see how we can manage our manure application better to **minimize compaction effects** and maximize manure's capability to help combat compaction.

An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) will be submitted.

More Information on the Topic

- [Soil Health Nexus' Resources on Compaction](https://soilhealthnexus.org/resources/soil-properties/soil-physical-properties/compaction/)

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Linda Schott specializes on addressing the needs of stakeholders in southern Idaho related to the impacts of nutrient and livestock manure management and other land management practices on **soil health and water quality**. She received her Ph.D. from the University of Nebraska - Lincoln in 2018.
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Mahmoud Sharara is an assistant professor and extension specialist at North Carolina State University (NCSU), Department of Biological and Agricultural Engineering (BAE). His specialty is animal waste management and processing into value-added products. He received his Ph.D. in Agricultural and Biological Engineering from the University of Arkansas. Mahmoud will **serve as the moderator** for this webinar.
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Charles Ellis is a Field Specialist in Agricultural Engineering for University of Missouri Extension with over 30 years of experience with University of Missouri Extension. His area of emphasis includes precision farming practices, no-till crop production systems, and cover crop management and strategies as a member of the Midwest Cover Crop Council. He received his MS in Agricultural Mechanization from University of Missouri-Columbia.
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