

Ag Modeling Subcommittee

Priority Rankings for Workshop Recommendations

- Goal: Identify top 5 most important tasks from workshop recommendations
- Preliminary top 3 tasks
 - Address legacy and residual nutrient issues
 - Identify additional sources of data for manure nutrient content and application timing
 - Incorporate soil and nutrient content data into next version of the model
- Most recommendations rated as moderate to high priority by committee members, but relative rankings varied for the remaining recommendations.

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Priorities from Matt Johnston and Scenario Builder Team

- Crop cover per month
- Detached sediment per month
- Fertilizer applied per month
- Legume fixation per month
- Manure applied per month
- Maximum uptake per year
- Uptake per month
- Land uses
- Additional files for BMPs

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Questions from Matt Johnston and Scenario Builder Team

Nutrients

- How should nutrients be applied in the future?
- Should inorganic fertilizer fulfill leftover crop need? Or should it be a limited and defined “bucket” taken from fertilizer sales or other data?
- Should manure nutrients be estimated from animal populations? Or should it be an estimated “bucket” taken from farmer surveys of nutrient applications?

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Questions from Matt Johnston and Scenario Builder Team

Application

- Application rates are currently tied to maximum application rates as defined by state agronomy guides, and are further adjusted based upon average yield data.
- Should yields take a more prominent role to define application rates?
- How should manure be spread across the landscape? Should it be spread equally, or only on a limited number of acres?

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Sub-committee schedule

- Quarterly in-person meetings the day before or after Ag Workgroup meetings (first meeting in Oct.)
- Conference calls as needed