

# Agricultural Modeling Team

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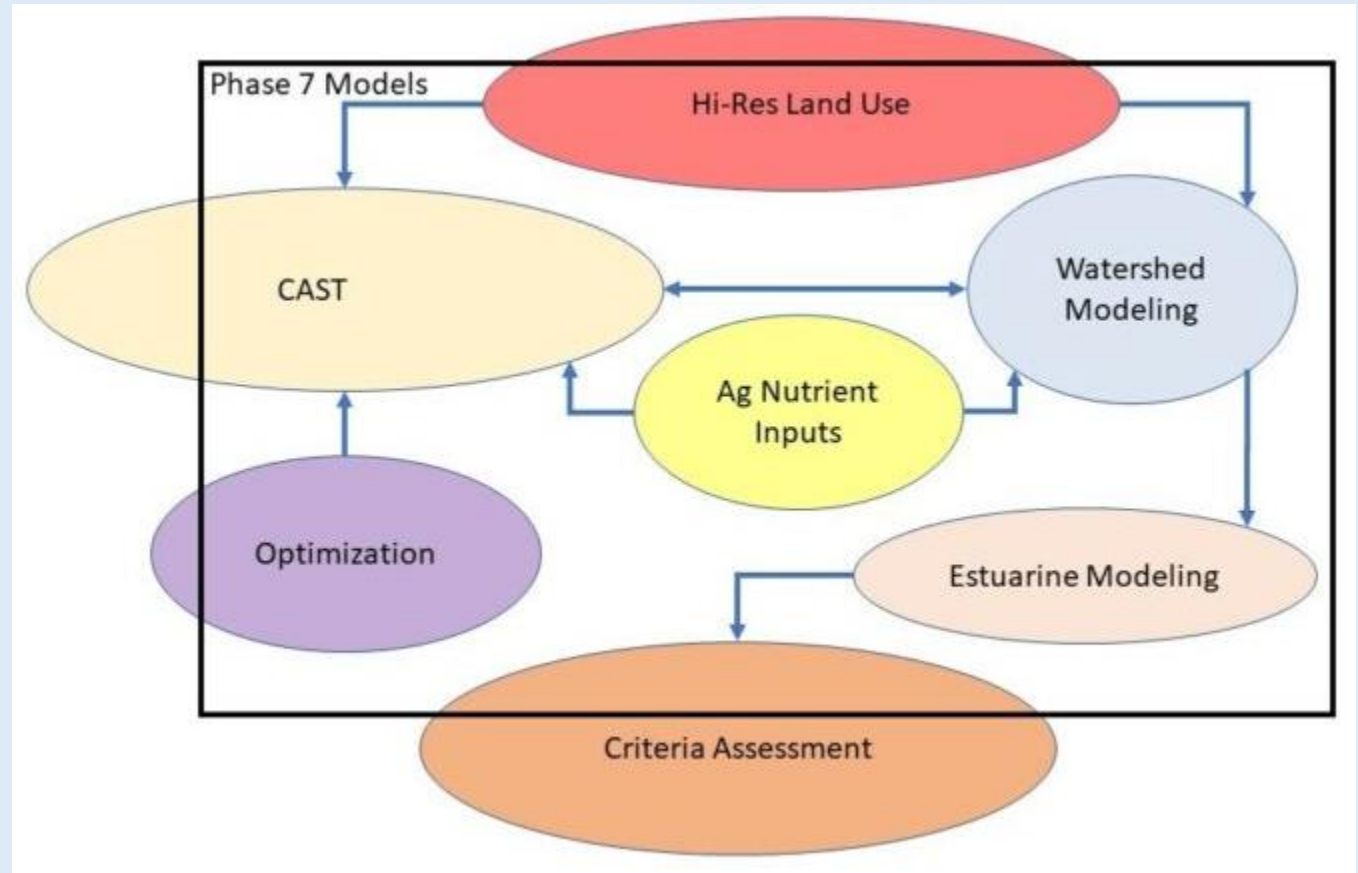
1/9/2024

# Agricultural Modeling Team (AMT)

Phase 7

Decision  
making

Agricultural  
data inputs



What has the AMT been up to?

Crop Yields

Land Uses

Sensitivities (advising)

# Crop Yields

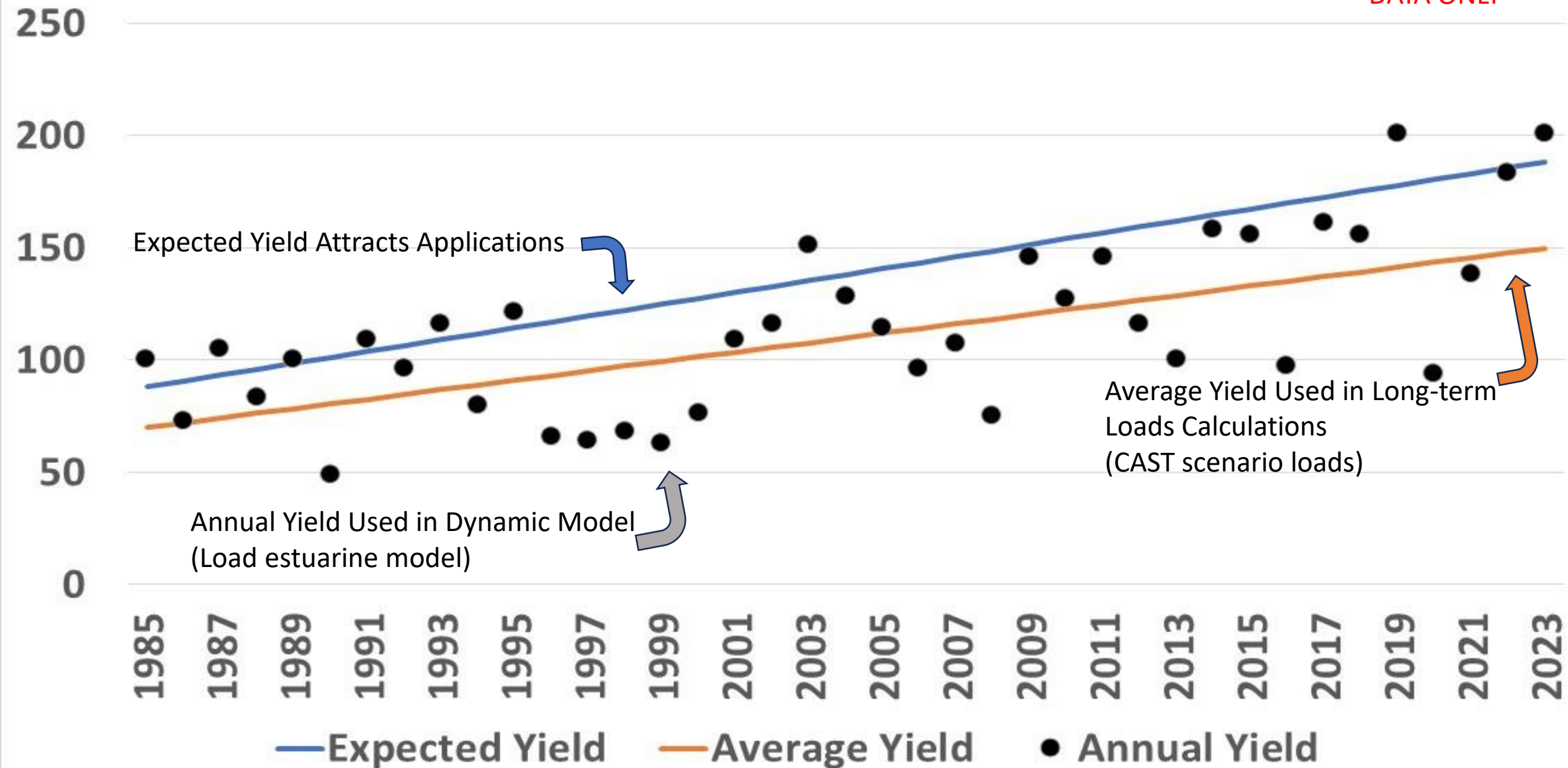
Best method of simulating nutrient applications

Requires us to know:

- Yield trends over time
- How a farmer views yields in relation to nutrient applications

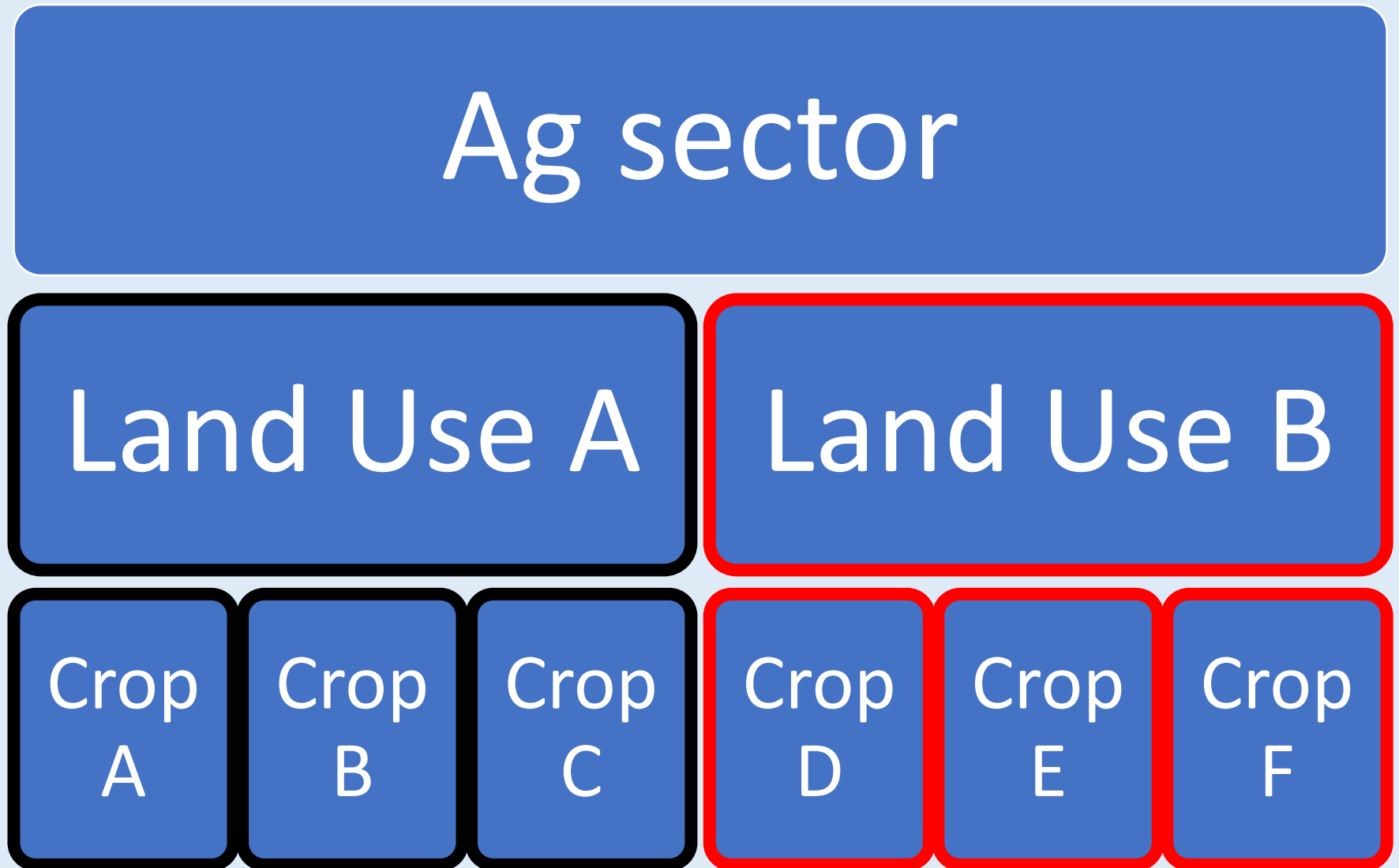
# Yield Values in CAST

\*EXAMPLE  
DATA ONLY



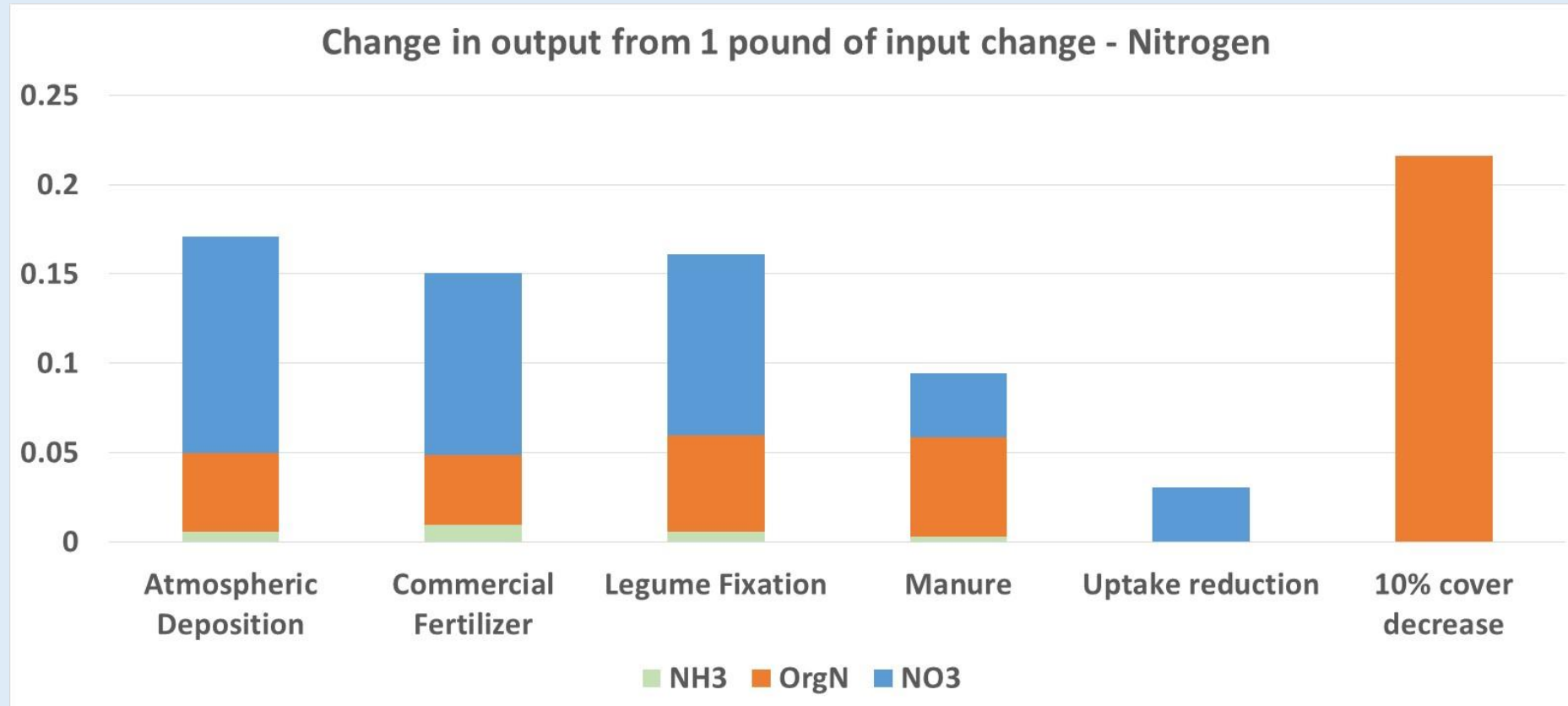
# Land Uses

- Examining current land use categories
  - Relationships between crop types
  - Desired level of specificity
- Input on Phase 7 Loading rates



# Sensitivities

- These are a Modeling Workgroup decision
  - AMT wants to provide input



# Summary

- The AMT is working on multiple Phase 7 topics including:
  - Crop Yields
  - Land Uses
  - Loading Rates
- The AMT will be working with the modeling workgroup to
  - Provide input to agriculturally relevant sensitivities



Questions?