# Agricultural Modeling Team updates

Tom Butler, EPA 1.19.23

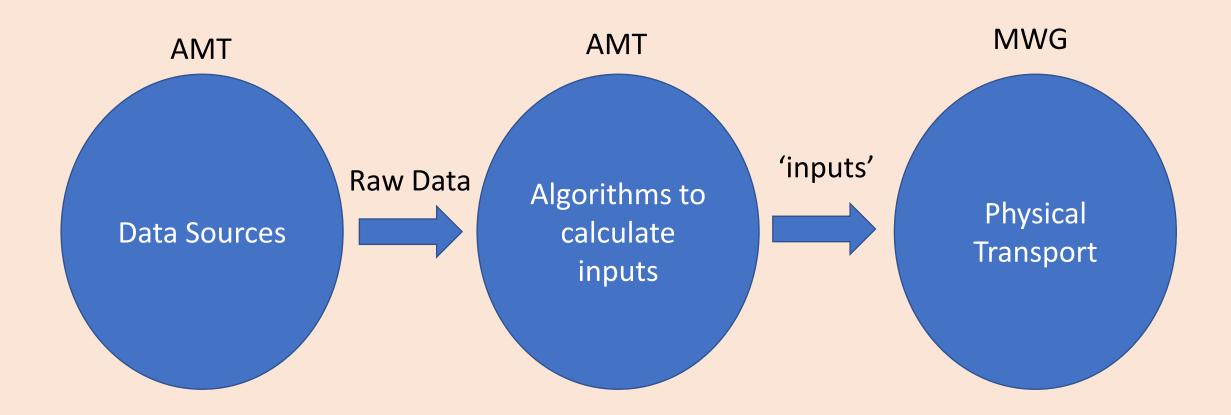
### Agricultural Modeling Team Refresh

Technical

Ag input data

Phase 7

### **CAST Domains**



### Where is the group now?

### Learning how CAST works

- Initial topic prioritization
- Nutrient applications
- Nutrient management
- Nutrient loads

### Data vs Algorithm

Where are we headed?

# Continued CAST learning

- More algorithm experimentation
  - Animals
- Workplan re-prioritization

#### An aside on fertilizer

### PSC charge

 Create a formal committee to develop short-term, interim resolutions to fertilizer data concerns before moving forward with CAST 2021 as well as long-term resolutions for Phase 7 model.

### What does this mean?

We already had an informal short-term group This group has been formalized Present solutions for Phase 6 Recommendations for Phase 7 (AMT)

### Progress and timeline

Meet individually with jurisdictions to discuss data

June - Dec. 2022

Hold group meeting to disccuss potential data sources

**March 2023** 

Summarize investigation results and create brief for PSC

**June 2023** 

Jan - Feb 2023

Discuss initial findings with CBP advisory group

**April 2023** 

Analyze viability of new data sources and brief MB on results

## Questions?