Agricultural Modeling Team (AMT) Meeting

January 13th, 2022

09:00 AM – 10:35 PM

Meeting Materials

This meeting will be recorded for internal use to assure the accuracy of meeting notes.

Statement of purpose:

This virtual meeting will improve the understanding of the AMT on CAST inputs and loads.

Decision item: Approve the December minutes

Announcements:

- 2022 Ag Census is here! Responses are due by Feb. 6, 2023 nass.usda.gov/AgCensus.

- Principals Staff Committee (PSC) made several decisions:

  o "The partnership will convene a 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. The committee will report out on progress towards this action at the next PSC meeting."

  o Request for a reprioritization will need to happen again so that the AMT can make a living workplan.

Introduction – 09:00-09:10 [10 min (Tom Butler, EPA)]

We will recap our previous meeting.

Nutrient applications: Nutrient Management – 09:10-09:45 [35 min (15 min presentation 20 min discussion) (Tom Butler, EPA)]

We will examine the effect of nutrient managment on three counties TN application and how Core Nutrient Management impacts applications.

Understanding CAST: Loads – 09:45-10:30 [45 min (25 min presentation 20 min discussion) (Gary Shenk, USGS)]

Gary will present on the foundations of how loads are calculated within CAST. This will allow us to see how the data inputs factor into calculating loads.

Closing –10:30-10:35 (5 minutes)

Adjourn –10:35

Up Next: February 10th, 2023 – 09:00-11:00; Further CAST learning, reprioritization.