Agricultural Modeling Team (AMT) Meeting

July 12th
09:00 AM – 11:00 AM
Meeting Materials

Microsoft Teams: Join the meeting now
Meeting ID: 246 929 423 243
Passcode: z872qn
Dial-in by phone: +1 202-991-0477,,913721509# United States, Washington DC

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

Statement of purpose:

To evaluate the crop yields manure applications and data sources in CAST and discuss potential alternatives for Phase 7.

Decision items:

1. Approve the June minutes

Announcements:

-   None

Introduction/Recap: 09:00-09:15 [15 min (Tom Butler, EPA)]

Tom will provide a quick recap of the AMT progress from June.

Crop Yield trends 09:15- 09:45 [30 min (10 min presentation 20 min discussion) (Joseph Delesantro, ORISE)]

We will discuss progress being made to improve long term crop yields. This includes multiple potential approaches for estimating yields from the Five-Year Census of Agriculture using correlations to crops with existing annual yield data. Informational Update.

Manure Applications in CAST 09:45-10:30 [45 min (20 min presentation 25 min discussion) (Tom Butler, EPA)]

We will be sharing some potential improvements to the application of manure to the land use of grain with manure. These potential changes will be shared and discussed amongst group members. Informational.

Industry Data collection 10:30-10:55 [25 min (15 min presentation 10 min discussion) (Mark Dubin, UMD, Paul Bredwell, U.S. Poultry & Egg Association)]

In an effort to improve the data sources used in CAST for Phase 7 we will hear about a potential plan to collection relevant information directly from the poultry industry. Informational.

Recap/Closing 10:55-11:00 [5 min Tom Butler, EPA)]

Action Items:

- Discuss: crop yields update, manure application improvements, and potential industry data for Phase 7.

Adjourn – 11:00

Up Next:

Office Hours: Friday, August 9th, 2024, from 8:00 - 9:00 am.

AMT Meeting: Friday, August 9th, 2024, from 09:00 - 11:00 am.

**Common Acronyms
AgWG- Agriculture Workgroup
AMT- Agricultural Modeling Team (Phase 7)
BMP- Best Management Practice
CAST- Chesapeake Assessment Scenario Tool (user interface for the CBP Watershed Model)
CBP- Chesapeake Bay Program
CBPO- Chesapeake Bay Program Office (houses EPA, federal partners, and various contractors and grantees working towards CBP goals)
CBW-Chesapeake Bay Watershed
CRC- Chesapeake Research Consortium
EPA- [United States] Environmental Protection Agency
PSC – Principals' Advisory Committee (CBP)
STAC- Scientific & Technical Advisory Committee
TMDL- Total Maximum Daily Load
WQGIT- Water Quality Goal Implementation Team