

Agricultural Modeling Team (AMT) Meeting

June 9th, 2023

09:00 AM – 11:00 AM

[Meeting Materials](#)

Zoom Link: <https://umces-edu.zoom.us/j/83326580784>

Meeting ID: 833 2658 0784

Passcode: 573041

Phone: +1 301 715 8592 US (Washington DC)

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

Statement of purpose:

To evaluate the crop yield and land uses in CAST and discuss potential alternatives for Phase 7.

Decision items:

1. Approve the [May minutes](#)
2. Crop Yields trends

Announcements:

- Fertilizer Expert Group meeting Monday June 5th. Discussion of Phase 6 inorganic fertilizer data sets.
 - Tentative recommendations [here](#).

Introduction: 09:00-09:05 [5 min (Tom Butler, EPA)]

Approval of May minutes and take attendance.

Fertilizer Expert Group Recommendations: 09:05-09:15 [10 min (Tom Butler, EPA)]

We will go over the recommendations of the Fertilizer Expert Group for addressing inorganic fertilizer in Phase 7.

Scenario Discussions: Crop Yield trends 09:15-10:55 [100 min (15 min presentation 85 min discussion) (Tom Butler, EPA)]

We will discuss the trends of crop yields used in CAST and how we can improve the ability of CAST to capture the behavior of yields over time.

Closing –10:55-11:00 (5 minutes)

Action Items:

- Discuss Crop Yields and Land Uses
- Provide feedback on Fertilizer Expert Group recommendations

Adjourn – 11:00

Up Next: Friday, July 14th, 2023 from 09:00 - 11:00am.

****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](#)