

Agricultural Modeling Team (AMT) Meeting

April 14th, 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 current crop nutrient application methodology in CAST and discuss potential alternatives for Phase 7.

Decision items:

1. Approve the [March minutes](#)
2. Nutrient application timing and eligibility

Announcements:

- Fertilizer Expert Group meeting Monday April 3rd. Discussion of Phase 6 inorganic fertilizer data sets.
 - Tentative recommendations [here](#).

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

Recap of previous CAST discussions.

Scenario Discussions: Crop Nutrient Application 09:20-10:55 [95min (20 min presentation 75 min discussion) (Tom Butler, EPA)]

We will discuss and reevaluate Crop Nutrient Applications. Today's item will consist of a brief informational presentation on several scenarios altering the timing and eligibility of manure applications to crops. These scenarios include:

1. Making all manure eligible crops on manure eligible land uses 100% eligible for manure applications and remove the timing component to create a single annual average application.
2. Making all grains and silage land uses eligible to receive manure applications

The group will follow this up with a discussion about whether to change how applications occur.

Closing –10:55-11:00 (5 minutes)

Action Items:

- Discuss Crop Nutrient Applications.

Adjourn – 11:00

Up Next: Friday, May 12th, 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](#)