

# December AMT Office Hours

12/13/2024

What is on the docket for today?

Pasture

Inorganic agricultural fertilizer

Pasture

# Pasture

- One of two agricultural Land Classes

Chesapeake Bay Average			
Land class	Land Use	Loading Rate Ratio	Loading Rate (pounds per acre per year)
Cropland	Double Cropped Land	0.79	30.9
	Full Season Soybeans	0.71	27.7
	Grain with Manure	1.4	54.7
	Grain without Manure: <b>Reference land use</b>	1	39.1
	Other Agronomic Crops	0.45	17.6
	Silage with Manure	1.62	63.3
	Silage without Manure	1.16	45.3
	Small Grains and Grains	0.84	32.8
	Specialty Crop High	1.34	52.4
	Specialty Crop Low	0.31	12.1
Pasture	Ag Open Space	0.43	5.1
	Legume Hay	0.74	8.7
	Other Hay	1.04	12.3
	Pasture: <b>Reference Land Use</b>	1	11.8

# Pasture

- One of two agricultural Land Classes
- **ALSO** the reference Land Use within the pasture class.

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	<b>Pasture: Reference Land Use</b>	<b>1</b>	<b>11.8</b>

# Nutrient eligibility

- 13 can get nutrient application
- Pasture is one of these

## Land Uses that receive nutrient application

Double Cropped Land

Full Season Soybeans

Grain with Manure

Grain without Manure

Leguminous Hay

Other Agronomic Crops

Other Hay

Pasture

Silage with Manure

Silage without Manure

Small Grains and Grains

Specialty Crop High

Specialty Crop Low

# How are nutrients applied to Pasture?

- Same as other crops
  - Expected yield (yield attracting application)
- Pasture yield attracting application is based on application per acre
  - Acres are supplied by NASS
- Why?
  - No yield in NASS

# A Note on Nutrient Management on Pasture

Partnership significantly modified the LGU nutrient application recommendations.

- The approved application rate (15 lbs/acre) for pasture are reflective of an average application rate condition.

Expert panel recommendations were modified creating a neutral multiplier for pasture land uses.

- Avoid the “double crediting” of nutrient management on pasture land use as the “model credit” as already been represented in the base model condition.

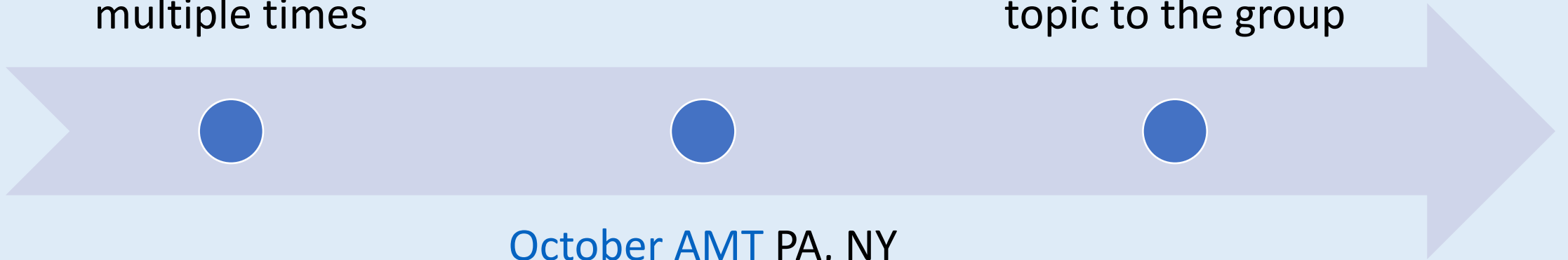


# Relevance

Virginia has  
mentioned this  
multiple times

December VA is  
formally introducing  
topic to the group

October AMT PA, NY  
asked to be included



Questions?

# Fertilizer

# Background

## Ongoing concern

- Data omission
- Time lag
- Intended use

## AMT (Phase 7)

- Alternative data sources should be examined
- Watershed wide stock could be improved

## Fertilizer Expert Group (Phase 6)

- American Association of Plant Food Control Officials (AAPFCO) sales data is universal
- Data directly from states is an improvement
- Recommended further investigations

## November introduction

### State comments (not exhaustive):

- **Alternative data sources should be examined**
  - Falcone 2020
- **Watershed wide stock could be improved**
  - Shift to state specific fertilizer stocks

# Our path to progress:

- Possible data sources
  - [Falcone](#)
    - DE, MD, NY
    - Modeled approach to nutrients
  - [USGS national nutrient inventory](#)
    - VA
    - National inventory of nutrients produced
- Scale

# Things to keep in mind:

We want to improve

We need to have support to improve

Perfection should not get in the way

It is ok if we cannot decide on anything new

- We stay with the current data and methods

Questions?





Thank you for attending  
office hours!

We will begin our main  
meeting at 09:00.