



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

Bureau of Watershed Restoration
and Nonpoint Source Management



Expanded Agricultural Inspection Program Annual Summary July 1, 2021 – June 30, 2022

DEP Agricultural Advisory Board
December 8, 2022

Agenda

- Background
- Historical Accomplishments
- 2021-2022 Accomplishments
- Conclusions & Acknowledgements

Background

- Act 38 Nutrient Management Program
 - Status Reviews in the PA portion of the Chesapeake Bay Watershed
- Chesapeake Bay Agriculture Inspection Program
 - Initial Inspections
 - Compliance with planning requirements
 - Phase 2 Inspections
 - Compliance with plan implementation requirements.

Background

Table 1. Total Number of PA farms in the Chesapeake Bay Watershed as Identified in the 2017 USDA Agriculture Census and Total PA Acres in Agriculture Land Use as Identified by the Chesapeake Bay Program.

2017 USDA Ag Census Farms in PA Chesapeake Bay Watershed	30,193
2018 Ag Land Use Acres in PA Chesapeake Bay Watershed	3,067,629

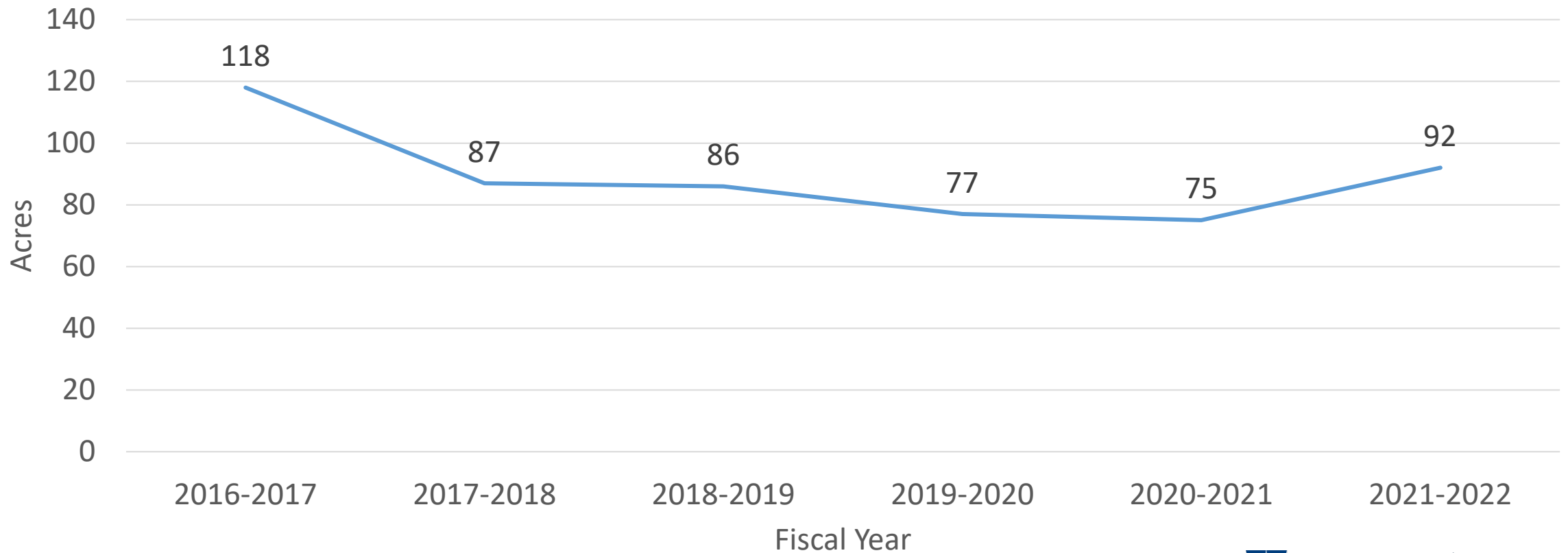
Historical Accomplishments

Figure 1: Average Size of Agricultural Operations Inspected Under CBAIP by Fiscal Year

	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	Totals
Total Farms Inspected	2,823	2,924	2,951	2,538	2,650	2,670	16,556
Total Acres Inspected	393,426 (12.7%)	329,468 (10.6%)	315,823 (10.3%)	258,805 (8.4%)	275,568 (8.9%)	322,750 (10.5%)	1,895,840 (61.8%)

Historical Accomplishments

Figure 1: Average Size of Agricultural Operations Inspected Under CBAIP by Fiscal Year



2021-2022 Accomplishments

Table 2. County Locations and Total Number of Completed Agricultural Inspections by Inspection Type

CBAIP Initial Inspections (1691)			CBAIP Phase 2 Inspections (159)	Act 38 NM Status Reviews (822)		
Adams	Franklin	Northumberland	Adams	Adams	Fulton	Snyder
Bedford	Fulton	Perry	Chester	Bedford	Huntingdon	Sullivan
Berks	Huntingdon	Potter	Clinton	Berks	Juniata	Tioga
Blair	Juniata	Schuylkill	Columbia	Blair	Lancaster	Union
Bradford	Lackawanna	Snyder	Franklin	Bradford	Lebanon	York
Cambria	Lancaster	Sullivan	Lancaster	Centre	Luzerne	
Centre	Lebanon	Susquehanna	Lebanon	Chester	Lycoming	
Clearfield	Luzerne	Tioga	Montour	Clinton	Mifflin	
Clinton	Lycoming	Union	Sullivan	Columbia	Montour	
Columbia	Mifflin	Wyoming	York	Cumberland	Northumberland	
Cumberland	Montgomery	York		Dauphin	Perry	
Dauphin	Montour			Franklin	Schuylkill	

2021-2022 Accomplishments

Table 4. Percent of Operations Evaluated Meeting the BMP Implementation Requirements of the MMP an Ag. E&S Plan

MMP – BMP Implementation & Maintenance		Ag. E&S Plan - BMP Implementation & Maintenance	
BMPs are actively being implemented according to the schedule outlined in the MMP.	96%	BMPs are actively being implemented according to the schedule outlined in the Ag. E&S Plan.	97%
BMPs in the MMP are functioning as intended	97%	BMPs in the Ag. E&S Plan are functioning as intended	98%
BMPs in the MMP address all manure-related resource concerns	94%	BMPs in the Ag. E&S Plan address all sediment-related resource concerns	97%

2021-2022 Accomplishments

Table 5. Percent of Administratively Complete Plans Found at the Time of Inspection for Agricultural Operations Required to Have and Implement the Plan(s).

Manure Management Plan		Ag. E&S Plan	
Administratively Complete at the Time of Inspection (Initial and Phase 2)	70%*	Administratively Complete at the Time of Inspection (Initial and Phase 2)	68%*
Administratively Complete at the Time of Inspection (Initial Only)	69%*	Administratively Complete at the Time of Inspection (Initial Only)	62%*
Administratively Complete at the Time of Inspection (Phase 2 Only)	81%*	Administratively Complete at the Time of Inspection (Phase 2 Only)	89%*
Planning/Technical Assistance Provided	93%	Planning/Technical Assistance Provided	98%

2021-2022 Accomplishments

BMPs to Support the Chesapeake Bay Restoration Effort

Nutrient Management

Core NM	460,000 N & P each
Supplemental NM	108,000 acres combined

Structural BMPs

Implemented	1,500
Reverified	500

Conclusions & Acknowledgements

- Successful year
- Conservation infrastructure is necessary for our success
- Thanks to CCD, DEP, SCC staff and PA Ag for their great work in 2021-2022.

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