

# **Manure Management Planning for Youth Projects**

*A Penn State Extension curriculum, students will learn the potential for pollution through unmanaged manure and take action to develop a plan to manage the manure of their livestock project. Please contact [mindy-musser@juniataccd.org](mailto:mindy-musser@juniataccd.org) to plan a course schedule.*

Manure Management Planning for Youth Projects was designed and developed by Penn State Extension to teach 4-H, FFA, and Ag-Ed students the importance of manure management. The activities aid in the understanding of Pennsylvania Department of Environmental Protection Regulations. Each chapter provides foundational information, student reflection to assess their understanding of the material presented, suggestions for independent study, and career connections.

The coursework is as follows:

- Chapter 1: Science of Manure
- Chapter 2: Best Recipe for Manure and Soil
- Chapter 3: Plants Utilizing Nutrients
- Chapter 4: Manure Stacking
- Chapter 5: Mapping the Land
- Chapter 6: Being Water Wise with Manure
- Chapter 7: Manure for All Seasons
- Chapter 8: Manure Management Plan Implementation
- Chapter 9: Putting Your Plan into Action