



PAOneStop

Farm Mapping and Planning System

Penn State College of Agricultural Sciences

What is PAOneStop?

PAOneStop provides online tools to help farmers meet regulatory requirements for conservation, nutrient, and manure management planning.

PAOneStop provides tools to extract data and generate high-quality maps that are required for completion of Nutrient Balance Sheets, Nutrient Management Plans, Manure Management Plans, and Agricultural Erosion and Sediment Control (AgE&S) Plans. This module is available for use at paonestop.psu.edu.

Why do we need PAOneStop mapping?

There is a clear need for a simple tool for farmers to create farm planning maps easily and inexpensively. The PAOneStop Farm Mapping Module provides this tool through a simple online interface.

Methods to develop Nutrient Management, Manure Management, and Ag E&S Plans and Nutrient Balance Sheets are available to farmers but require farm planning maps as part of the process. Maps can be a challenge to produce and are expected to contain features such as field boundaries, acreages, stream and water features, wells, sinkholes, application setbacks and buffers, soils, aerial images, and more.

PAOneStop provides secure online mapping tools that produce maps meeting all regulatory requirements.

Benefits and features:

- Generates high-quality maps based on aerial imagery

- No specialized software needed
- Farm information can be saved online for future edits and usage
- Farm only needs to be drawn once
- Field acreages automatically calculated
- Helps meet regulatory requirements designed to protect Pennsylvania's water resources
- Easy production of high-quality farm maps
- Provides aerial photography and topographic imagery
- Produces digital and hardcopy maps
- Individual farm information secured
- Extracts NRCS soils data for individual fields
- Easy to use!

Who can access farm information?

PAOneStop is maintained by Penn State Extension. Information related to any individual farm will not be shared with or distributed to any other organization without permission of the individual farmer.

Who is developing PAOneStop?

PAOneStop is being developed by Penn State Extension in collaboration with and support from:

- Pennsylvania State Conservation Commission
- Pennsylvania Department of Environmental Protection
- Pennsylvania Department of Agriculture
- USDA Natural Resources Conservation Services

Contact PAOneStop

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