



Pennsylvania  
Association for  
Sustainable Agriculture



## NEW Manure Management Requirements!

Since 1972, *all* Pennsylvania farms that produce or use manure must prevent manure runoff to streams and other water bodies from land application, spillage, storage overflow or leakage, and barnyard runoff. Barnyards and manure handling areas must be managed so that rainwater does not run through these areas and carry manure to streams or other water bodies.

On October 29, 2011, the Pennsylvania Department of Environmental Protection published guidelines for manure management. A *written* Manure Management Plan must be developed and followed. The plan simply needs to be kept on the farm and doesn't need to be approved, unless the farm is a Concentrated Animal Operation or Concentrated Animal Feeding Operation.



Manure application rates can be determined through one of the following three options:

- Values from a Manure Application Rate Chart based on the crop and manure type. Use the nitrogen rate if there is a soil test within the last 3 years of less than 200 ppm phosphorus; otherwise, you need to use the phosphorus removal rate;
- Calculations using the Nitrogen or Phosphorus Balance Worksheets; or
- Manure Management Plan developed with the Phosphorus Index by an authorized planner.

The Manure Management Manual also requires:

- Manure application setbacks of 100 feet from streams or other water bodies, sinkholes, and drinking water sources. The setback from streams may be reduced to 50 feet where a recent soil test shows less than 200 ppm phosphorus, with no-till cultivation and either a cover crop or adequate residue; or to a 35-foot permanent vegetated buffer;
- Maximum winter application rates of 5,000 gallons liquid, 20 tons non-poultry solid manure or 3 tons solid poultry manure per acre, and restricted to fields with at least 25% cover crop and slopes less than 15%;
- Management of animal concentration areas (such as barnyards, feedlots, loafing areas) to prevent manure runoff to water bodies.
- Pasture management to maintain dense vegetation at least 3 inches high throughout growing season;
- Management of temporary manure stockpiles or stacks so rainwater does not transport manure to streams or other water sources;
- Records of manure applications, facilities' inspections, repairs, and other practices; and
- Monthly self-inspections of manure storage facilities.



Photo by USDA NRCS

The Manure Management Manual, with instructions, rate charts, and a workbook, is online at [http://panutrientmgmt.cas.psu.edu/manure\\_management\\_program.htm](http://panutrientmgmt.cas.psu.edu/manure_management_program.htm). County conservation districts also have copies and may help you. Many are also holding workshops on plan development. (See phone numbers on back.)

## County Conservation District Phone Numbers

Adams: (717) 334-0636	Juniata: (717) 436-8953 ext. 5
Allegheny: (412) 241-7645	Lackawanna: (570) 281-9495
Armstrong: (724) 548-3425	Lancaster: (717) 299-5361
Beaver: (724) 378-1701	Lawrence: (724) 652-4512
Bedford: (814) 623-7900 ext. 4	Lebanon: (717) 272-3908 ext. 4
Berks: (610) 372-4657	Lehigh: (610) 391-9583
Blair: (814) 696-0877 ext. 5	Luzerne: (570) 674-7991
Bradford: (570) 265-5539	Lycoming: (570) 433-3003
Bucks: (215) 345-7577	McKean: (814) 887-4001
Butler: (724) 284-5270	Mercer: (724) 662-2242
Cambria: (814) 472-2120	Mifflin: (717) 248-4695
Cameron: (814) 486-2244 ext. 5	Monroe: (570) 629-3060
Carbon: (610) 377-4894 ext. 4	Montgomery: (610) 489-4506
Centre: (814) 355-6817	Montour: (570) 271-1140
Chester: (610) 925-4920	Northampton: (610) 746-1971
Clarion: (814) 297-7813	Northumberland: (570) 286-7114 ext. 4
Clearfield: (814) 765-2629	Perry: (717) 582-8988 ext. 4
Clinton: (570) 726-3798	Pike: (570) 226-8220
Columbia : (570) 784-1310	Potter: (814) 274-8411 ext. 4
Crawford: (814) 763-5269	Schuylkill: (570) 622-3742 ext. 5
Cumberland: (717) 240-7812	Snyder: (570) 837-3000
Dauphin: (717) 921-8100	Somerset: (814) 445-4652 ext. 5
Delaware: (610) 892-9484	Sullivan: (570) 928-7057
Elk: (814) 776-5373	Susquehanna: (570) 278-4600 ext. 280
Erie: (814) 825-6403	Tioga: (570) 724-1801 ext. 5
Fayette: (724) 438-4497	Union: (570) 524-3860
Forest: (814) 755-3450	Venango: (814) 676-2832
Franklin: (717) 264-5499	Warren: (814) 726-1441
Fulton: (717) 485-3547	Washington: (724) 228-6774
Greene: (724) 852-5278	Wayne: (570) 253-0930
Huntingdon: (814) 627-1627	Westmoreland: (724) 837-5271
Indiana: (724) 471-4751	Wyoming: (570) 836-2589
Jefferson: (814) 849-7463	York: (717) 840-7430