

Phosphorus Related Reports

Booklet: Ag Phosphorus and Eutrophication, Second Edition---USDA ARS, Sept, 2003

- 1) Survey of Water-Extractable Phosphorus in Livestock Manures
Kleinman, Wolf, Sharpley, Beegle, Saporito
April 11, 2005
- 2) Relating Soil Phosphorus to Dissolved Phosphorus in Runoff: A Single Extraction Coefficient for Water Quality Modeling
Vadas, Kleinman, Sharpley, Turner
2005
- 3) Phosphorus Losses in Simulated Rainfall Runoff from Manured Soils of Alberta
Volf, Ontkean, Bennett, Chanasyk, Miller
April 5, 2007
- 4) A Model for Phosphorus Transformation and Runoff Loss for Surface Applied Manures
Vadas, Gburek, Sharpley, Kleinman, Moore, Cabrera, Harmel
Jan. 9, 2007
- 5) Using Simulated Rainfall to Evaluate Field and Indoor Surface Runoff Phosphorus Relationships
Guidry, Schindler, German, Gelderman, Gerwing
Oct. 27, 2006
- 6) Role of Rainfall Intensity and Hydrology in Nutrient Transport via Surface Runoff
Kleinman, Srinivasan, Dell, Schmidt, Sharpley, Bryant
July 6, 2006
- 7) Surface and Subsurface Phosphorus losses from Fertilized Pasture Systems in Ohio
Owens, Shipitalo
May 31, 2006
- 8) Effect of Broadcast Manure on Runoff Phosphorus Concentrations over Successive Rain Events
Kleinman and Sharpley
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- 9) What Aspect of Dietary Modification in Broilers Controls Litter Water-Soluble Phosphorus: Dietary Phosphorus Phytase, or Calcium?
Leytem, Plumstead, Maguire, Kwanyuen, Brake
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- 10) Phosphorus Transport Pathways in Tile-Drained Agricultural Watersheds
Gentry, David, Royer, Mitchell, Starks
Jan. 25, 2007
- 11) Phosphorus transport through Subsurface Drainage and Surface Runoff from a Flat Watershed in East Central Illinois
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- 12) Source Related Transport of Phosphorus in Surface Runoff
Shigaki, Sharpley, Prochnow
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- 13) Sources of Sediment and Phosphorus in Stream Flow of a Highly Productive Dairy Catchment
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- 14) Tile Water Quality following Liquid Swine Manure into Standing Corn
Coelho, Roy, Topp, Lapen
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- 15) Phosphorus Runoff during Four years following Composted Manure Application
Wortmann and Walters
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- 16) Phosphorus Losses through Agricultural Tile Drainage in Nova Scotia, Canada
Kinley, Gordon, Stratton, Patterson, Hoyle
March 1, 2007
- 17) Soil and Surface Runoff Phosphorus relationships from Five Typical USA Midwest Soils
Allen, Mallarino, Klatt, Baker, Camara
March 1, 2006
- 18) Sorption Dynamics of Organic and Inorganic Phosphorus Compounds in the Soil
Berg and Joern
August 9, 2006
- 19) Phosphorus Movement and Speciation in a Sandy Soil Profile after Long-Term Animal Manure Applications
Koopmans, Chardon, McDowell
January 9, 2007
- 20) Relative Movement and Soil Fixation of Soluble Organic and Inorganic Phosphorus
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- 21) MANURE—Mineralizable Carbon, Nitrogen, and Water-Extractable Phosphorus Release from Stockpiled and Composted Manure and Manure-Amended Soils
Dao and Cavigelli
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- 22) Controls on Catchment Scale Patterns of Soil Phosphorus in Soil, Streambed, Sediment, and Stream Water
Van der perk, Owens, Deeks, Rawlins, Haygarth, Bevenm
JEQ-April 5 2007
- 23) Nitrogen and Phosphorus Attenuation within the Stream Network of a Coastal, Agricultural Watershed
Ensign, McMillan, Thompson, Piehler
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- 24) Freezing and Drying Effects on Potential Plant Contributions to Phosphorus in Runoff
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- 25) Field-scale variation of soil phosphorus within small Alberta watersheds
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- 26) Soil Sampling Methods for Phosphorus-Spatial Concerns ____A SERA-17 Position Paper
Mallarino, Beegle, Joern
- 27) The Importance of Sampling Depth when Testing Soils for their Potential to Supply Phosphorus to Surface Runoff
Vadas, Mallarino, McFarland
- 28) Manure Source Effects on Soil Phosphorus Fractions and Their Distribution (Abstract Only)
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- 29) Sediment and Chemical Content of Agricultural Drainage Water
Schwab, Fausey, Kopcak
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- 30) Soils, Water Quality, and Watershed Size: Interactions in the Maumee and Sandusky River Basins of Northwestern Ohio
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- 31) Soil Testing to Predict Phosphorus Leaching
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- 32) Preferential Flow of liquid Manure in Macropores and Cracks
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- 33) Fate and Transport of Nutrients: Phosphorus---Working paper No. 8
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- 34) Phosphorus Leaching Through Intact Soil Columns Before and After Poultry Manure Application
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- 35) Using Soil Phosphorus Data to Assess Phosphorus leaching Potential in Manured Soil
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- 36) Measuring Water-Extractable Phosphorus in Manure as an Indicator of Phosphorus in Runoff
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- 39) Overcoming the Challenges of Phosphorus-Based Management in Poultry Farming
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- 40) Estimating Source Coefficients for Phosphorus Site Indices
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- 41) Nutrient Management Planning: Is it the Answer to Better Management?
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- 42) Intra-annual variability in the contribution of tile drains to basin discharge and phosphorus export in a first-order agricultural catchment
M.L. Macrae, M.C. English, S.L. Schiff, M. Stone
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- 43) Effect of cover crops established at time of corn planting on phosphorus runoff from soils before and after dairy manure application
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- 44) Differences in Phosphorus and Nitrogen Delivery to the Gulf of Mexico from the Mississippi River Basin
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- 45) Trace Element Mobilization of Glyphosate
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