

References Cited

- Bai, J., H. Gao, R. Xiao, J. Wang, and C. Huang. 2012. A review of soil nitrogen mineralization as affected by water and salt in coastal wetlands: Issues and Methods. *CLEAN-Soil, Air, Water*. 40:1099-1105.
- Cameron, K.C., H.J. Di, and J.L. Moir. 2013. Nitrogen losses from the soil/plant system: A review. *Ann App Biol*. 162:145-173.
- DiStefano, J. Fco., and H.L. Gholz. 1986. A proposed use of ion exchange resins to measure nitrogen mineralization and nitrification in intact soil cores. *Commun Soil Sci Plan*. 17:989-998.
- Erickson, J.E., K.R. Woodard, L.E. Sollenberger. 2012. Optimizing sweet sorghum production for biofuel in the Southeastern USA through nitrogen fertilization and top removal. *Bioenerg Res*. 5:86-94.
- Frankenberger, W.T., and H.M. Abdelmagid. 1985. Kinetic parameters of nitrogen mineralization rates of leguminous crops incorporated into soil. *Plant Soil*. 87:257-271.
- Grant, C.A., G.A. Peterson, and C.A. Campbell. 2002. Nutrient considerations for diversified cropping systems in the Northern Great Plains. *Agron J*. 94:186-198.
- Hargrove, W.L. 1986. Winter legumes as a nitrogen source for no-till grain sorghum. *Agron J*, 78:70-74.
- Havlin, J.L., D.E. Kissel, L.D. Maddux, M.M. Claassen, and J.H. Long. 1990. Crop rotation and tillage effects on soil organic carbon and nitrogen. *Soil Sci Soc Am J*. 54:448-452.
- He, Z.L., A.K. Alva, P. Yan, Y.C. Li, D.V. Calvert, P.J. Stoffella, and D.J. Banks. 2000. Nitrogen mineralization and transformation from composts and biosolids during field incubation in a sandy soil. *Soil Sci*. 165:161-169.
- Kuo, S., and U.M. Sainju. 1998. Nitrogen mineralization and availability of mixed leguminous and non-leguminous cover crop residues in soil. *Biol Fertil Soils*. 26:346-353
- Matson, P.A., W.J. Parton, A.G. Power, and M.J. Swift. 1997. Agricultural Intensification and Ecosystem Properties. *Science*. 277:504-58.
- McVay, K.A., D.E. Radcliffe, and W.L. Hargrove. 1989. Winter legume effects on soil properties and nitrogen fertilizer requirements. *Soil Sci Soc Am J*. 53:1856-1862.
- Park, S., P. Croteau, K.A. Boering, D.M. Etheridge, D. Ferretti, P.J. Fraser, K-R Kim, P.B. Krummel, R.L. Langenfelds, T.D. van Ommen, L.P. Stelle, and C.M. Trudinger. 2012. Trends and seasonal changes in the isotopic composition of nitrous oxide since 1940. *Nature Geosci*. 5:261-265.

- Singh, M.P., J.E. Erickson, L.E. Sollenberger, K.R. Woodard, J.M.B. Vendramini, J.R. Fedenko. 2012. Mineral composition and biomass partitioning of sweet sorghum grown for bioenergy in the southeastern USA. *Biomass Bioenerg.* 47:1-8.
- Smith, K.A., I.P. McTaggart, and H. Tsuruta. 1997. Emissions of N₂O and NO associated with nitrogen fertilization in intensive agriculture, and the potential for mitigation. *Soil Use Manage.* 13:296-304.
- St. Luce, M., J.K. Whalen, N. Ziadi, and B.J. Zebarth. 2011. Nitrogen dynamics and indices to predict soil nitrogen supply in humid temperate soils. *Adv Agron.* 112:55-102.
- Tilman, D., K.G. Cassman, P.A. Matson, R. Naylor, and S. Polasky. 2002. Agricultural sustainability and intensive production practices. *Nature.* 418:671-677.
- U.S. Department of Agriculture, Economic Research Service. 2014b. U.S. Bioenergy Statistics. Available online at <http://www.ers.usda.gov/data-products/us-bioenergy-statistics.aspx> Accessed: 31 December 2014.
- Vigil, M.F., and D.E. Kissel. 1991. Equations for estimating the amount of nitrogen mineralized from crop residues. *Soil Sci Soc Am J.* 55:757-761.
- Yamoah, C.F., M.D. Clegg, and C.A. Francis. 1998. Rotation effect on sorghum response to nitrogen fertilizer under different rainfall and temperature environments. *Agric Ecosyst Environ.* 68:233-243.
- Ziadi, N., A.N. Cambouris, and M.C. Nolin. 2006. Anionic exchange membranes as a soil test for nitrogen availability. *Commun Soil Sci Plan.* 15:2411-2422.