

เอกสารและสิ่งอ้างอิง

กรมควบคุมมลพิษ. 2546. แนวทางการจัดการกากตะกอนจากระบบบำบัดน้ำเสีย. เอกสารเผยแพร่ทางราชการ. 123 น.

ประพิศ แสงทอง และภavana ลิกขนานนท์. 2544. การปลดปล่อยไนโตรเจนในดินจากการใส่กากตะกอนน้ำเสีย. วารสารดินและปุ๋ย 23: น. 99-110.

พัชรี หอวิจิตร. 2529. การจัดการสิ่งแวดล้อม. มหาวิทยาลัยขอนแก่น, ขอนแก่น.

ภavana ลิกขนานนท์. 2528. ปุ๋ยชีวภาพ. กระทรวงเกษตรและสหกรณ์, กรุงเทพฯ.

เมืองทอง ทวนทวี. 2532. สวนผัก. กลุ่มหนังสือเกษตร, กรุงเทพฯ.

ขงยุทธ โอสดสภา. 2528. หลักการผลิตและการใช้ปุ๋ย. โรงพิมพ์ไทยวัฒนาพานิช, กรุงเทพฯ.

วรพจน์ รัมพนินิล. 2529. ปุ๋ยและการใช้ปุ๋ย. สำนักพิมพ์ยูไนเต็ดบุคส์, กรุงเทพฯ.

อุดม โกสยสุก. 2537. การปลูกผักกินใบ. มหาวิทยาลัยเกษตรศาสตร์, กรุงเทพฯ.

อุดม โกสยสุก. 2537. การปลูกผักกินผล. มหาวิทยาลัยเกษตรศาสตร์, กรุงเทพฯ.

Alcock, R., H.G. Nieswand, M.E. Singley, M.P. Bolan and B.L. Whitson. 1981. **Systems Analysis of the Camden Composting Operation.** Sludge Composting and Utilization: Systems Analysis of Camden Composting Operation. New Jersey Agric. Exp. Station, Rutgers, New Jersey. 2 p.

Alexander, M. 1961. Introduction to Soil Microbiology, pp. 534-538. In L. Obeng, ed. **Environment Sanitation Reviews.** Asia Inst. Of Technol., Bangkok.

- Asian Institute of Technology. 1998. **Feasibility Study on Agricultural Use and Land Application of Sewage and Nightsoil Sludge for Bangkok Metropolitan**. Final Report, Thailand.
- Barbarick, K.A. and J.A Lppolito. 2000. Nitrogen Fertilizer Equivalency of Sewage Biosolids Applied to Dry Land Winter Wheat. **Journal of Environmental Quality** (29): 1345-1351.
- Bayes, C.D., J.M. Davis and C.M.A. Taylor. 1987. Sewage Sludge as a Forest Fertilizer: Experiences to Date. **Water Pollut. Control Fed**: 158-171.
- Black, C.A. 1965. **Method of Soil Analysis**. Academic press, Inc.
- Brinton, W.F. 2000. **Compost Quality Standard & Guidelines**. New York State Association of Recyclers. 16 p
- Burge, W.D., W.N. Cramerpstein and E. Epstien. 1978. **Destruction of Pathogens in Sewage Sludge by Composting**. Trans.ASAE. pp. 510-514
- CAB International. 1993. **Tropical Soil Biology and Fertility a Handbook of Method**. 2nd ed. University of Oxford, Oxford, UK.
- California Compost Quality Council. 2001. **Compost Maturity Index**. CCQC, California. 25 p.
- Cambell, C.A., B.H. Ellert and Y.W. Jame. 1993. Nitrogen Mineralization Potential in Soil, pp. 341-349. *In* M.R. Carter, ed. **Soil Sampling and Methods of Analysis**. Lewis Publisher, Boca Raton.

- Cogger, C.G., D.M. Sullivan, A.I. Bary and S.C. Fransen. 1999. Nitrogen Recovery from Heat-Dried and Dewatered Biosolids Applied to Forage Grasses. **Journal of Environmental Quality** (28): 754-759.
- European Communities (EC). 2001. Setting Maximum Levels for Certain Contaminants in Foodstuffs. **Official Journal of the European Communities** (466): 77.
- Dodd, A.W. 2000. Efficiency of Utilization of Nitrogen in Sludge and Slurries, pp. 258-289. *In*: P.L' Hermiten, ed. **Processing and Use of Organic Sludges and Liquid Agricultural Waste**. D. Reidel Publishing Company, Dordrecht.
- Finstein, M.S., K.W. Lin and G.E. Fischler. 1982. **Sludge Composting and Utilization: Review of the Literature on the Temperature Inactivation of Pathogens**. Report of New Jersey Agricultural Experiment Station Project No. 03543, New Brunswick.
- Gilmour, J.T. and V. Skinner. 1999. Predicting Plant Available Nitrogen in Land Applied Biosolids. **Journal of Environmental Quality** (28): 1122-1126.
- Gotaas, H.B. 1976. **Composting**. Dept. of Engineering, Univ. of California, Berkeley. 205 p.
- Gray, K.R., K. Sherman and A.J. Biddlestone. 1971. A Review of Composting-Part. **Process Biochem.** (6): 32-36.
- Hampshire Research Institute. 1995. **Risk Assistant, Version 1.1 For Windows**. Thistle Publishing Inc., Alexandria, VA.
- Henry, C.L., D. Sullivan, R. Rynk, K. Dorsey and C. Cogger. 1999. **Managing Nitrogen from Biosolids**. Northwest Biosolids Management Association, Seattle, W.A.

- Honeycutt, C.W. 1999. Nitrogen Mineralization from Soil Organic Matter and Crop Residues: Field Validation of Laboratory Predictions. **Soil Science Society of America Journal** (63): 134-141.
- John, L.H., D.B. James, L. T. Samuel and L.N. Werner. 1999. **Soil Fertility and Fertilizers : An Introduction to Nutrient Management**. 6th ed. Prentice Hall, New Jersey.
- Kelling, K.A., L.M. Walsh, D.R. Keeney, J.A. Ryan and A.E. Peterson. 1977. A Field Study of the Agricultural Use of Sewage Sludge: II. Effect on N and P. **Journal of Environmental Quality** (6): 345-351.
- Kolberg, R.L., B. Rouppe, D.G. Westfall and G.A. Peterson. 1997. Evaluation of an In Situ Net Soil Nitrogen Mineralization Method in Dryland Agroecosystems. **Soil Science Society of America Journal** (61): 504-508.
- Konz, J., K. Lisi and E. Friebele. 1989. **Exposure Factors Handbook**. EPA/600/8-89/043. Environment Protection Agency, Office of Health and Environmental Assessment, Washington DC.
- Lake, D.L. 1987. Chemical Speciation of Heavy Metals in Sewage Sludge and Related Matrices, pp. 15-40. In J.N. Lester, ed. **Heavy Metals in Wastewater and Sludge Treatment Process**. CRC Press Inc., Boca Raton, USA.
- Likhananont, B. 1996. **Microbiological Pre-study of Sewage Sludge Performed at Soil Microbiology Research Group Laboratory**. Department of Agriculture, Bangkok.
- Louvar, J.F. and B.D. Louvar. **Health and Environmental Risk Analysis**. Prentice Hall, Upper Saddle Rivers, New Jersey. 856 p.

Metcalf and Eddy. 1991. **Wastewater Engineering: Treatment, Disposal and Reuse**. Mc Graw-Hill Publishing Company Ltd., New Delhi. 1334 p.

Mitchell, M.J., R. Hartenstein, B.L. Swift, E.F. Neuhauser, B.I. Abrams, R.M. Mulligan, B.A. Brown, D. Craig and D. Kaplan. 1978. Effects of Different Sewage Sludge in Some Chemistry and Biological Characteristics of Soil. **J. of Environmental Quality**. 7(4): 551-558.

Polprasert, C. 1980. Composting Night soil and Water Hyacinth in the Tropics, pp. 25-27. *In* L. Obeng, ed. **Environmental Sanitation Reviews**. Asian Inst. Of Technol., Bangkok.

Polprasert, C. 1995. **Organic Waste Recycling**. 2nd ed. John Wiley & Sons.

Prasatsrisupub, J., V. Sabua, S. Tammarate, M. Pumklom, P. Chaipanakupt and S. Srithongtim. 2002. **The Effect of Irradiated Wastewater Sludge Cake on Maize and Environmental**. 17th WCSS August, Thailand.

Raison, R.J., M.J. Connell and P.K. Khanna. 1987. Methodology for Studing Fluxes of Soil Mineral-N In Situ. **Soil Biology and Biochemical** 19(5): 521-531.

Regan, R.W. and J.S. Jeris. 1970. A Review of the Decomposition of Cellulose and Refuse. **Compost Sci**. 11(1): 17-20.

Sripanomtanakorn, S. and C. Polprasert. 2001. Plant Available Nitrogen from Anaerobically Digested Sludge and Septic Tank Applied to Crops Grown in the Tropics. **Waste Management and Research** (19): 1-7.

United Kingdom (UK). 1989. **Statutory Instrument 1989 No. 1263 Sludge (Use in Agriculture) Regulations**. MAFF, HMSO, London. pp. 15-27.

U.S. EPA. 1983. **Process Design Manual for Land Application of Municipal Sludge.**

EPA/625/1-83-016, United State Environment Protection Agency, Office of Research and Development, Cincinnati, Ohio.

U.S. EPA. 1995. **Process Design Manual-land Application of Sewage Sludge and Domestic**

Septage. EPA/625/R-95/001, United State Environment Protection Agency, Office of Research and Development, Washington DC.

U.S. EPA. 1998. **Toxicological Review of Hexavalent Chromium.** Cas. No.18540-29-9,

United State Environment Protection Agency, Office of Research and Development, Washington DC. 77 p.

U.S. EPA. 1999. **Environment Regulations and Technology. Control of Pathogen and**

Vector Attraction in Sewage Sludge. EPA/625/R-92/013, United State Environment Protection Agency, Office of Research and Development, Washington DC.

Water and Rivers Commission. 2002. **Western Australia Guideline for Direct Land**

Application of Biosolids and Biosolids Product. Department of Environmental Protection, Australia

World Health Organization (WHO). 2001. **Safety Evaluation Certain Food Additives and**

Contaminants. 55th Meeting of the Joint FAO/WHO Expert Committee on Food Additives. Toxicological Monographs, WHO Food Additives Series No. 46, Geneva