

Patents

Brune, D. E., J. A. Collier, and T. E. Schwedler. 2001. Partitioned Aquaculture System. United States Patent No. 6,192,833.

Journal Articles

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Burtle, G.J., E.L. Styer, and G.W. Lewis. 2000. Control of blue-green algae with planktivorous fish. University of Georgia, College of Agriculture and Environmental Science, Department of Animal and Dairy Science. Annual Report, pp. 7-9.

Burtle, G.J., G.W. Lewis, M. Fowler, and T. Cummings. 2001. Establishing a catfish off-flavor control program in Georgia. *Journal of Animal Science* 79 (Suppl. 1):219.

Drapcho, C. M. and D. E. Brune. 2000. Modeling of oxygen dynamics in the partitioned aquaculture system. *Aquacultural Engineering* 21:151-162.

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Grimm, C., S. Lloyd, R. Batista, and P. Zimba. 2000. Using MD/SPME/GC/MS for analyzing fish tissue. *Journal of Chromatographic Science* 38:289-295.

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Schrader, K.K., and M.D. Harries. 2001. Compounds with selective toxicity towards the noxious, musty-odor cyanobacterium *Oscillatoria perornata*. *Bulletin of Environmental Contamination and Toxicology* 66:801-807.

Stuart, K. R., A. G. Eversole, and D. E. Brune. 2000b. Filtration of green and cyanobacteria algae by freshwater mussels in the partitioned aquaculture system. *Journal of the World Aquaculture Society* 32:105-111.

Tepe, Yalcin and C. E. Boyd. 2001. A sodium nitrate-based, water-soluble, granular fertilizer for sportfish ponds. *North American Journal of Aquaculture* 63:328-332.

Thunjai, T. and C. E. Boyd. 2001. Pond soil pH measurement. *Journal of the World Aquaculture Society* 32:141-152.

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Extension Publications

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Bodary, M., and N. Stone. 2000. Effects of soil-incorporated sodium nitrate on phosphorus release from baitfish pond soils. (Poster presentation). Aquaculture Field Day, University of Arkansas at Pine Bluff, Pine Bluff, AR.

Bodary, M. and N. Stone. 2002. Effects of soil-incorporated sodium nitrate on phosphorus release from baitfish pond soils. *Arkansas Aquaculture 2002*, Little Rock, AR, 22-23 March. (Poster presentation).

Bodary, M., and N. Stone. 2001. Effects of soil-incorporated sodium nitrate on phosphorus release from baitfish pond bottom soils. Annual Research Forum 2001, University of Arkansas at Pine Bluff, Pine Bluff, AR.

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- Brune, D. E., J. A. Collier, T. E. Schwedler, and A. G. Eversole. 1999. Water reuse systems. A workshop presented at the North Carolina Aquaculture Development Conference, New Bern, North Carolina.
- Brune, D. E., G. Schwartz, J. A. Collier, T. E. Schwedler, A. G. Eversole, and T. Goode. 2000. Designing a commercial scale partitioned aquaculture system. Catfish Farmers of American research Symposium. Albuquerque, New Mexico.
- Brune, D. E., G. Schwartz, J. A. Collier, A. G. Eversole, and T. E. Schwedler. 2000. Designing partitioned aquaculture systems for marine shrimp culture. World Aquaculture Society Annual Meeting, Nice, France.
- Brune, D. E., S. Reed, G. Schwartz, J. A. Collier, A. G. Eversole, and T. E. Schwedler. 2002. High rate algal systems for aquaculture. Algal biotechnology: Ninth International Congress on Applied Algology, Almeria, Spain.
- Brune, D. E., S. Reed, and G. Schwartz. 2002. Bacterial and algal processes in aquaculture. Presentation at Aquaculture America, San Diego, CA.
- Burtle, G. J. 2000. Off-flavor. The University of Georgia Cooperative Extension Service. Extension Workshop, Louisville, Georgia, 7 September.
- Burtle, G.J., E.L. Styer, G.W. Lewis, T. Ingram, and D. Blakey. 2000. Effects of threadfin shad and fathead minnows on blue green algae in channel catfish ponds. Southern Division, American Fisheries Society Mid-Year Meeting. Savannah, GA.
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- Holmes, B.D., C.M. Foran, D. Schlenk, K. Schrader, and D. Nanayakkara. 2000. Toxicological evaluation of a cyanobacteria-specific biocide. Society of Environmental Toxicology and Chemistry, 21st Annual Meeting, Nashville, TN.
- Lo Giudice, G.M., D.R. Bayne, and T.J. Popma. 2000. Threadfin shad effects on water quality, phytoplankton, and fish production in channel catfish ponds. Mid-South Aquatic Plant Management Society Annual Meeting.
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- Phillips, M. J., C. E. Boyd, and P. Edwards. 2001. Systems approach to aquaculture management, pp. 239-247. In: R. P. Subasinghe, P. Bueno, M. J. Phillips, C. Hough, S. E. McGladdery and J. R. Arthur (editors), Aquaculture in the Third Millennium. Technical Proceedings of the Conference on Aquaculture in the Third Millennium, Bangkok, Thailand, 20-25 February 2000. NACA, Bangkok, Thailand and FAO, Rome, Italy.
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- Stuart, K. R., A. G. Eversole, and D. E. Brune. 2000. Algal uptake rate of freshwater mussels. Aquaculture America 2000, New Orleans, Louisiana.
- Stuart, K. R., A. G. Eversole, and D. E. Brune. 2000a. Effect of flow rate and temperature on algal uptake by freshwater mussels. Freshwater Mollusk Conservation Society Proceedings, pp.219-224.
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- Turker, H., A. G. Eversole, and D. E. Brune. 2002. Effect of tilapia size on the phytoplankton filtration rate in the Partitioned Aquaculture System. Presented at the World Aquaculture Society, San Diego, CA.

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- Goode, T. R. 2002. The Partitioned Aquaculture System: A comparative economic analysis with traditional catfish technology and risk analysis for investment and adoption of technology. Ph.D. dissertation, Clemson University, 150 pp.
- Miller, B. 1999. Effects of three water management practices on water quality and algal populations in channel catfish production mesocosms. M.S. Thesis, Louisiana State University.
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