

Modern Livestock



Modern Livestock and Poultry Production



Ram Prakash Singh

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- Poultry Disease Conference: Proceedings of the Western Poultry Disease Conference, 2007.*
- Rosinski A. & Wencek E., "Current problems on waterfowl breeding and production (in Polish)", *Proceedings of Symposium "Poultry-Farm"*, Gdynia, Poland, 1997.
- Rosinski A., Rouvier R., Guy G., Rousselot-Pailley D., & Bielinski A., "Possibilities of increasing reproductive performance and meat production in geese", *Proceedings, XX World's Poultry Congress*, New Delhi, India, 1996.
- Rosinski A., Rouvier R., Wezyk S. & Sellier N., "Reproductive performance on geese kept in different management systems", *Preliminary Proceedings, 10th European Symposium on Waterfowl*, World's Poultry Science Association, 18-25, Halle, Germany.
- Ruthenberg, H., *Farming systems in the tropics*, Clarendon Press, Oxford, 1980.
- Sim, J.S. and S. Nakai, editors, *Egg Uses and Processing Technologies - New Developments*, CAB International, UK 1994.
- Slaybaugh-Mitchell, Tracy L., *Indigenous livestock production: An annotated bibliography of husbandry practices (Bibliographies in technology and social change series)*, 1995
- Smith, O.B. & Olaluku E.A., "Peri-urban livestock production systems", *Cities Feeding People Report Series*, 24. Québec, Canada, IDRC, 1998.
- Sonaiya, E.B., "Poultry husbandry in small rural farms", *Entwicklung und landlicher Raum*, 1990.
- Thear, K., *Free-Range Poultry*, Farming Press, 1997.
- Traupman, M., "Profitable poultry on pasture", *The New Farm*, May/June 1990.
- Weber, T. P. and Stilianakis, N. I., "Ecologic immunology of avian influenza (H5N1) in migratory birds", *Emerging Infectious Diseases*, 2007.
- Whyte, R.D., *The use and misuse of trees and shrubs as fodder*, Commonwealth Agricultural Bureau. Publication No.10., 1947.
- Willin, E.S., "Relation between egg weight and intensity of growth in geese", *Preliminary Proceedings, 10th European Symposium on waterfowl*, World's Poultry Science Association, Halle, Germany, 1995.
- Wilson, T., "Integrating livestock and crops for the sustainable use and development of tropical agricultural systems", AGSP-FAO, 1994.
- Wint, W. and D. Bourn, *Livestock distribution and the environment in sub-Saharan Africa*, ERGO, Oxford, 1994.

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