

Research Publications
Mid Year 2004 (Jan – June)

1. Amarasinghe AACAA, Premaratne S and Premalal GGC (2004). Identification of suitable pasture/fodder varieties for saline soils in Sri Lanka. Proc. 13th Annual student research sessions, Dept. of Animal Science, Univ. of Peradeniya. 13-14.
2. Chandrasiri ADN (2004). Porcine Reproduction and Breeding Strategy in Sri Lanka. Proceedings of the seminar on “Path for the Development of Pig Industry”. Auditorium of the Medical Research Institute, Colombo (2002).
3. Chandrasiri ADN, Gamage DVSdeS and Premasundara AS (2004). Sustainable Utilization of Farm Animal Genetic Resources is Central to the Sustenance of the people of Sri Lanka. Poster presentation at the FAO AnGR, FAO, Rome.
4. State of the Animal Genetic Resources in Sri Lanka. Ed. Chandrasiri ADN, ISBN 955-1136-00-4. (in print)
5. Dissanayake DMMP, Godevithanage S, Jayalath WATA, Chandrasiri ADN, Gunasekara CDA and Jinasena PHRP (2004). Urinary Osmolality : Creatinine Ratio of Spot Urine Samples Relates to Body Hydration Status. Proceedings of the Peradeniya University Research Sessions, November 10.
6. Dissanayake SN, Dematawewa CMB and Gamage DVS de S (2004). Evaluation of growth rate, age at sexual maturity, survival and egg production potential of CPRS brown and white layer lines at early stage Sri Lanka Association for the Advancement of Science, Proceedings of the 60th Annual Sessions, Colombo, 17-22 December 2004.
7. Dissanayake SN, Dematawewa CMB and Gamage DVS De S (2004) genetic variation with respect to growth, sexual maturity and early egg production of Canadian layer strains. Sri Lanka Association for the Advancement of Science, Proceedings of the 60th Annual Sessions, Colombo, 17-22 December 2004.
8. Dharmasinghe GGAP, Premaratne S, and Premalal GGC (2004). Identification of pasture and fodder varieties for waterlogged saline lands in western and southern coastal areas of Sri Lanka. Proc. 13th Annual student research sessions, Dept. of Animal Science, University of Peradeniya. 11-12.
9. Fernando GKCN and Rajapaksha WRAKJS (2004). Detection of Infectious Bursal Disease virus in chicken by RT – PCR in 2003. In: Proceedings of the 56th Annual Convention of the Sri Lanka Veterinary Association, page 29, Plant Genetic Resource Center, Peradeniya. May 14 - 15.
10. Fernando GKCN, Kotalawala H, Rupasinghe V, Wickramasinghe R, Bandara DAWWDA, Gunathilake SK and Ranatunga AD (2004). Prevalence of avian influenza in Sri Lanka. In: Proceedings of the 56th Annual Convention of the Sri Lanka Veterinary Association, page 30, Plant Genetic Resource Center, Peradeniya. May 14 –15.

11. Gunawardana GA, Frost AJ and Wilkie I (2004). Study of the immunological response of chickens to *P. multocida* bacterins with and without adjuvant by immunoblotting. British Poultry Science, Volume 45 (suppl:1) S 40 – S 41.
12. Gunawardana GA, Frost AJ and Wilky I (2004). Evaluation of the immune response and efficacy in chickens of vaccines prepared from *P. multocida* capsular type A grown in iron depleted conditions. British Poultry Science, Volume 45 (suppl:1) S 18 - S 19.
13. Leukebandara IK, “Ayurveda Sameeksha”, Sri Lanka Veterinary Association.
14. Kotalawala H, Bandara WMP, Fernando GKC, Rupasinghe V, Bandara DAWWDA and Gunathilake SK (2004). Analysis of postmortem examinations of poultry presented to the Veterinary Research Institute during the year 2003. In: Proceedings of the 56th Annual Convention of the Sri Lanka Veterinary Association, page 28, Plant Genetic Resource Center, Peradeniya. May 14 –15.
15. Niroshan TD, Demetawewa CMB, Gamage DVS de S and Srikanan S (2004). Egg production characteristics of different ecotypes of village chicken in Sri Lanka. Sri Lanka Association for the Advancement of Science, Proceedings of the 60th Annual Sessions, Colombo, 17-22 December 2004.
16. Palliyaguru MWCD, Silva SSP, Priyankarage N, Weerasinghe WMPB and Chandima RAT (2004). Assessment of the efficacy of xylanases on growth performance of broilers fed on rice by –products based diets. In: Proceedings of the 56th Annual Convention of the Sri Lanka Veterinary Association, page 38, Plant Genetic Resource Center. Peradeniya. May 14 -15.
17. Palliyaguru MWCD, Silva SSP, Priyankarage N, Weerasinghe WMPB and Sirisena DMMC (2004). Efficacy of two commercial xylanases (Grindazym GP 5000 and Avizyme 1302) and their effect on economics when supplemented to broiler diets based on rice by-products. British Poultry Science, Volume 45 (suppl:1) S 59 – S 60.
18. Palliyaguru MWCD, Priyankarage N, Silva SSP, Gunaratne SP, Weerasinghe WMPB, Fernando PS and Atapattu AHM (2004). Effect of different probiotics on nutrient utilisation and intestinal micro flora of broiler chickens. British Poultry Science, Volume 45 (suppl:1) S 58- S 59.
19. Palliyaguru MWCD, SSP Silva, Priyankarage N, Weerasinghe WMPB, Gunawardana GA and Sirisena DMMC (2004). Evaluation of the effect of exogenous enzymes on rice by-product based diet-fed broilers assessing performance, gut viscosity and small intestinal bacterial counts In: Proceedings of the 56th Annual Conversation of the Sri Lanka Veterinary Association, page 26, Plant Genetic Resource Center, Peradeniya. May 14 - 15.
20. Priyankarage N, Silva SSP, Gunawardana GA, Palliyaguru MWCD, Weerasinghe WMPB, Fernando GKC and Chandima RAT (2004). Effect of different probiotics against a lethal dose of salmonella in broiler chickens. British Poultry Science, Volume 45 (suppl : 1) S 43-S 45.

21. Priyankarage N, Silva SSP, Gunaratne SP, Palliyaguru MWCD, Weerasinghe WMPB, Fernando PS, Attapattu RMH, (2004). Comparison of the efficacy of commercial probiotics against antibiotic growth promoters with respect to performance, carcass yield and intestinal microflora of broilers. In: Proceedings of 56th Annual Convention of Sri Lanka , Veterinary Association, 14-15th May, Peradeniya, Sri Lanka.
22. Priyankarage N, Silva SSP, Gunaratne SP, Palliyaguru MWCD, Weerasinghe WMPB, Gunawardane GA, Chandima RAT, (2004). Assessment of different probiotics against Salmonella infected broiler chickens. In: Proceedings of 56th Annual Convention of Sri Lanka Veterinary Association, 14-15th May, Peradeniya, Sri Lanka.
23. Premalal GGC and Sujatha Premaratne (2005). Forage composition and quality of tankbed grassland ecosystems in Sri Lanka; a preliminary study of “tabbowa” tank. Accepted paper for publication in XX International Grassland Congress, Ireland.
24. Silva SSP, Palliyaguru MWCD, Priyankarage N, Weerasinghe WMPB and Gunaratne GDJK (2004). Effect of exogenous phytase on the performance of broilers fed on marginally low phosphorus diets containing high amounts of rice by-products. .British Poultry Science, Volume 45 (suppl: 1) S 6-S 7.
25. Sumathi S and Gamage DVS de S (2004). Preliminary Characterization of village chicken according to their Qualitative characters and Pleiotropic influence on performance traits. Annual Scientific Sessions, University of Jaffna, Jaffna, August 2004.
26. Samarajeewa AD and Gamage DVS de S (2004). Nutrient Budget for Coconut (Cocos nucifera) based Restricted Scavenging Poultry Production System, International Conference of the Coconut Research Institute of Sri Lanka, Colombo, 8-10th September 2004.
27. Sujatha Premaratne and Premalal GGC (2005). Drymatter production and nutritive quality of wild guinea grass (panicum maximum jacq.) grown in roadside habitats of Sri Lanka. Accepted paper for publication in XX International Grassland Congress, Ireland.
28. Weerasinghe WMPB, Silva SSP, Faizal ACM, Priyankarage N and Palliyaguru MWCD (2004). Formulation of cement free urea molasses multinutrient block for ruminants. In: Proceedings of the 56th Annual Convention of the Sri Lanka Veterinary Association, page 17, Plant Genetic Resource Center, Peradeniya. May 14 -15.
29. Wickramaratne SHG (2004). Typology of mixed crop livestock farming system in Sri Lanka. In summary project report: Increasing livestock productivity in mixed crop livestock farming South Asia ICRISAT, Patancheru, India.
30. Wickramaratne SHG, Parthasarathy Rao P, Brithal PS, Dharmendra Kar and Shrestha HR (2004). Increasing livestock productivity in mixed crop livestock systems in South Asia. Report of a Project, National center for Agricultural Economics and Policy Research, 168 pp. New Delhi, India. International Crop Research Institute for Semi-Arid Tropics, Patancheru, 502324, Andhra Pradesh, India.