**(Sample Harvard System)**

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# Annual Report 2021

# Publications and Communications in Conferences

## Faculty of Agriculture

### Department of Agronomy

**Journal**

1. Thayalaseelan, S., Pradheeban, L., Nishanthan, K. and S. Sivachandiran. (2017). Effect of Growth and Yield Performances of Mungbean (*Vignaradiata* L.) under Different Mulching Practices. *World Journal pharmaceutical and Life Science*. 3(6): 42-50*.*
2. Satheesan, T., Sivachandiran, S., Sivananthawerl, T., Pushpakumara, *D.K.N.G.* and K. Jeyavanan. (2017). Height and Diameter Relationship of *Tectona Grandis* L. in Mullaitivu District of Sri Lanka. *International Journal Of Advancement In Engineering Technology, Management and Applied Science (IJAETMAS).*4(6): 23-28
3. Shivatharsinii, J., Siyambalapitiya, B. and K. Jeyavanan. (2017). Application of Goal Programming on Yield Optimization of Selected Agricultural Crops. *International Journal of Innovative Research in Science, Engineering and Technology.* 6(7):12472- 12477

**Communications**

1. Selvaskanthan, S., Pushpakumara, D.K.N.G. and J.P. Eeswara. (2017). Development of a Protocol for In- vitro Establishment of Gyrinopswalla. Twenty Ninth Annual Congress of the PGIA, University of Peradeniya held on 17-18 November 2017. pp.32.
2. Sasika, Y.G.S.W., Sivachandiran, S., Jeyavanan, K., Pushpakumara, D.K.N.G. and T. Sivananthawerl. (2017). Status, Importance and Future Perspective of Naa tree (*Mesuaferrea*) in Nagancholai Area of Dry zone of Mullaitivu District in Sri Lanka. Fourth International Conference on Agriculture and Forestry, Colombo held on 24-25th August 2017. Pp. 41

### Department of Animal Science

**Journal**

1. **Sarmini**, M. and S. Premaratne. (2017). Yield and nutritional quality potential of three fodder grasses in the northern region of Sri Lanka. ***Tropical Agriculture Research.*** *28*(2)*:* 175 – 182.
2. **Sarmini**, M., Premaratne, S., Premalal, G.C.E. and M.B.P.K. Mahipala. (2017). Ensiling Property and Nutritional Quality of palmyrah (*Borassus flabellifer*) leaves incorporated corn (*Zea mays*) or sorghum (*Sorghum bicolor* (L.) moench) Silage. ***Tropical Agriculture Research***. *29*(1)*,* 25-31.

**Communication**

1. Sivajanani, S and J. Sinniah. (2017). A Preliminary Study on Making Complete Feed Blocks for Cattle with Different Combination of Fodder Grasses and Agricultural Wastes. Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp. 76
2. Kavingna,V and J. Sinniah. (2017).The Present Status of Goat Production in the Islands of the Jaffna Peninsula. Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp. 76.
3. Gnanagobal, H. and J. Sinniah. (2017). Evaluation of growth parameters and forage yield of Sugar graze and Jumbo plus under three different spacing in the maha season in the Dry Zone of Sri Lanka. Proceeding of Jaffna Science Association, Twenty-Fourth Annual Sessions. Pp.14.
4. Piratheepan, S., Perera, E.R.K. and S. Puvanendiran. (2017). Prevalence and Economic impact of Contagious Pustular Dermatitis disease of Goats in Sri Lanka. 69th Proceedings of Annual Scientific Session of Sri Lanka Veterinary Association, pp.12.
5. Sarmini, M., Premaratne S. and S. Kalpana. (2017). Production and economic characteristics of goat management systems in Vavuniya District, Sri Lanka. Fourth International Conference on Agriculture and Forestry, Colombo held on 24-25th August 2017. pp.105
6. Sarmini, M and S. Premaratne. (2017). Yield and Nutritive Value of Palmyrah (*Borassus flabellifer*) Leaves at Different Growth Stages. Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp.74.
7. Thatchananeshkanth, S. (2017). Effect of storage methods and time on quality of chicken eggs in the hot climate of Sri Lanka. Proceeding of Jaffna Science Association, Twenty-Fourth Annual Sessions. Pp.13.

### Department of Agricultural Biology

**Journals**

1. Suvanthini, T., Priyatharsan, U. and G. Thirukkumaran. (2017). Handpicking is an Efficient Practice for Blister Beetle *Mylabris pustulata* (Meloidae: Coleoptera) In Garden. ***International Journal of Scientific & Technology Research****.* **6**(8):125-127
2. Thanachseyan, P., Samarasinghe, W.L.G. and G. Thirukkumaran. (2017). Diversity Assessment of *Annona muricata* L. Through Molecular Characterization using SSR Markers. ***International Journal of New Technology and Research*** *(IJNTR)*, **3**(9):57- 62
3. Rajeshkanna, S., Sivaraga, N. and G. Mikunthan. (2017). Biology and Management of Amaranthus Stem Borer (*Hypolixus truncatulus*) (Coleoptera: Curculionidae). ***Annals of Sri Lanka Department of Agriculture*.19**: 258 – 266
4. Kishojini, P. Pakeerathan, K. and G. Mikunthan. (2017). Integrated approaches to manage the invasive alien weed Parthenium in Nothern Sri Lanka. ***International Organization for Biological Control Newsletter*.101**:5-6

 **Communications**

1. Thenuvathany, B., Sathiyaseelan, V. and G. Mikunthan. (2017). Morphology of Medicinal plant, *Mollugo cerviana* and its Growth Potential in the Northern Province of Sri Lanka. Proceedings of 3rd International Conference on Dry zone Agriculture - 2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp. 58
2. Denisiya, A.M. and G. Mikunthan. (2017). Application of Mycorrhizae Isolated from *Cymbidium* *bicolor* into the Roots of Chilli (*Capsicum annum*) and Onion (*Allium cepa*) to improve their Productivity. Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp.59
3. Sharjana, K. and G. Mikunthan. (2017). Distribution, Infestation and Occurrence of *Noorda blitealis* Wlk. and *Gitona distigma* (Meigen) in *Moringa oleifera* Lam. in the Home Gardens of the Jaffna District, Sri Lanka. Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp.80
4. Pakeerathan, K. Bariana, H. S. and U. K. Bansal. (2017). Measuring Effectiveness of Leaf Rust Resistance QTL using In-Planta Fungal Quantity by Chitin Assay in a Aus27506/Aus27229 RIL Population**.** Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp.81
5. Sukirtharuban, S., Ranaweera, K.K., Ranatunga, M. A. B. and G. Thirukkumaran. (2017). The Preliminary Investigation of Somatic Embryo Induction from Stem Cuttings through Direct Somatic Embryogenesis in Tea [[*Camellia sinensis*](https://en.wikipedia.org/wiki/Camellia_sinensis) (L.) O. Kuntze] Cultivar, ‘TRI2024’. Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp. 82
6. Tharmili, Y. Mikunthan, G. Jegathambigai, V. and A. Sivinningen. (2017). Management of Root Rot Caused by *Curvularia* spp. on *Ludwigia repens* using Biocontrol Agents. Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp. pp*.*86
7. Gobinantha, S. and G. Mikunthan. (2017). Natural Occurrence of Acaropathogenic *Rhizopus* sp. on *Oligonychus* sp. Damaging *Gliricidia* Leaves and the Effect of Pesticides on its Existence**.** Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp*.*87
8. Niroja, M. Niranjan, K. and G. Mikunthan. (2017). Suitability of Some Organic Wastes as Substrates to Promote Oyster and Milky Mushrooms. Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017, pp.102
9. Kishojini, P. Pakeerathan, K. and G. Mikunthan. (2017). *Parthenium* Based Composting: An Approach to Minimize the Existing Weed Population in Northern Province of Sri Lanka. Proceedings of 3rd International Conference on Dry zone Agriculture -2017 (ICDA 2017), UOJ, Sri Lanka, 1st – 2nd November 2017. pp.101
10. Safana, A. M. Mikunthan, G. and Y.B. Iqbal. (2017). Influence of Varieties Under Vegetative And Flowering Growth Stages of Rice on Population of Brown Plant Hopper *Nilaparvata Lugens* (Stal ) In Ampara District of Sri Lanka. Proceeding of the sixth annual Science Research Session 2017. South Eastern University, Sri Lanka, 6(1):5
11. Raasitha, F., Terensan, S. and G. Mikunthan. (2017). Efficiency of Vermicomposting By Using Different Animal Wastes To Reduce The Environmental Pollution. Proceeding of the sixth annual Science Research Session 2017. South Eastern University, Sri Lanka. 6(1):4
12. Thanusha , V. Rajeshkanna , S. and G. Mikunthan. (2017). Egg laying preference of parasitoid wasp *Acerophagus papaya* on papaya mealybug, *Paracoccus marginatus.* Proceeding of Jaffna Science Association. 24(1):11
13. Nirosha. A, Rajeshkanna, S. and G. Mikunthan. (2017).Effect of oil cakes and garlic aqueous based formulations of *Trichoderma viride* on management of *Meloidogyne incognita* in Chilli. Proceeding of 4th International Conference on Agriculture and Forestry 2017. Colombo, Sri Lanka, 4(1):42