

# Foreword

Welcome to the third issue of 2022 for the *Pertanika Journal of Tropical Agricultural Science (PJTAS)*!

PJTAS is an open-access journal for studies in Tropical Agricultural Science published by Universiti Putra Malaysia Press. It is independently owned and managed by the university for the benefit of the world-wide science community.

This issue contains 18 articles; four review articles, one short communication, one case study and the rest are regular articles. The authors of these articles come from different countries namely Bangladesh, Indonesia, Malaysia and Thailand.

A selected article entitled “Feed Intake and Apparent Nutrient Digestibility of Growing Rabbits Fed *Asystasia gangetica* with Different Levels of Corn” identified the effect of different corn levels on intake and digestibility in rabbits. The rabbits were divided into four groups and given *Asystasia gangetica ad libitum* as a basal diet and supplemented with either 80 g (T1), 60 g (T2), 40 g (T3), or 0 g (T4) corn/head/day. This study concluded that the apparent nutrient digestibility was significantly improved in growing rabbits following supplemental feeding with a diet containing 60-80 g of corn. The further details of this study are found on page 587.

A regular article entitled “Alternate Wetting and Drying (AWD) on Rice Irrigation” evaluated the feasibility of alternate wetting and drying (AWD) implementation by applying two treatments: continuously flooded (control) and AWD irrigation, onto the paddy cultivation. The growth performance evaluation, the grain yield performance evaluation, and the chlorophyll measurement were done. However, the analysis showed that there is no significant difference at  $p < 0.05$ , a 95% confidence level. The detailed information of this article is available on page 649.

Suharjo and Suaib from Indonesia investigated the effects of planting media and gutter slopes on the growth of lettuce (*Lactuca sativa* L.) using the Nutrient Film Technique (NFT) in a hydroponic system. There are two types of treatment, which involved the differences in media and the gutter slope of pipes, respectively. A randomized block design (RBD) with three replications was carried out. The plant height, number of leaves,

and plant fresh weight were the observed variables, and analyzed using analysis of variance (ANOVA) followed by the least significant difference (LSD) test at a 5% level. The results revealed that the treatments had significantly affected the growth of the lettuce. Full information of this study is presented on page 805.

We anticipate that you will find the evidence presented in this issue to be intriguing, thought-provoking and useful in reaching new milestones in your own research. Please recommend the journal to your colleagues and students to make this endeavour meaningful.

All the papers published in this edition underwent Pertanika's stringent peer-review process involving a minimum of two reviewers comprising internal as well as external referees. This was to ensure that the quality of the papers justified the high ranking of the journal, which is renowned as a heavily-cited journal not only by authors and researchers in Malaysia but by those in other countries around the world as well.

We would also like to express our gratitude to all the contributors, namely the authors, reviewers, Editor-in-Chief and Editorial Board Members of PJTAS, who have made this issue possible.

PJTAS is currently accepting manuscripts for upcoming issues based on original qualitative or quantitative research that opens new areas of inquiry and investigation.

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