

## Foreword

Welcome to the **Second Issue 2016** of the Journal of Tropical Agricultural Science (JTAS)!

JTAS is an open-access journal for the Tropical Agricultural Science published by Universiti Putra Malaysia Press. It is independently owned and managed by the university and run on a non-profit basis for the benefit of the world-wide science community.

This issue contains **ten articles**, out of which one is a short communication and nine are regular papers. The authors of these articles come from different countries, namely, **Malaysia, Pakistan, Kazakhstan, Bangladesh, Thailand** and **Iran**.

The short communication paper briefly reports on the effectiveness of various botanical traps against apple snail, *Pomacea maculata*. (Gastropoda: Ampullariidae) in a rice field. In the findings, all the traps studied have the potential to attract juvenile and adult snails. However, jackfruit skin and damaged pomelo were the most attractive botanical traps (Syamsul, R. B., Muhamad, R., Arfan, A. G. and Manjeri, G.).

The nine articles cover a wide range of topics. In the first research paper, the accumulation of Potato Virus Y- in *Nicotiana tabacum* callus culture was studied. In the findings, virus showed the highest optical density (OD) on the 25<sup>th</sup> day of inoculation (Khassanov, V. T., Beisembina, B. and Fida, M. A.). The next paper discusses on the Arsenic management in contaminated irrigation water for rice cultivation. The experiment was conducted at the Bangladesh Rice Research Institute (BRRI) farm Bhanga, Faridpur (A. L. Shah, U. A. Naher, Z. Hasan, S. M. M. Islam, M. S. Rahman, Q. A. Panhwar and J. Shamshuddin). The other papers are consist of the study on the influence of salt and water stress on growth and yield of soybean genotypes (M. S. A. Khan, M. A. Karim, M. M. Haque, M. M. Islam, A. J. M. S. Karim and M. A. K. Mian); discrimination between cave and house-farmed edible bird's nest based on major mineral profiles (Seow, E. K., Ibrahim, B., Muhammad, S. A., Lee, L. H., Lalung, J. and Cheng, L. H.); path analysis of agronomic traits of Thai cassava for high root yield and low cyanogenic glycoside (Kongsil, P., Kittipadakul, P., Phumichai, C., Lertsuchatavanich, U. and Petchpoung, K.); nutritional compositions and antioxidant activities of non-polar and polar extracts of germinated brown rice (Lim, S. M., Goh, Y. M. and Loh, S. P.); effect of elemental sulphur timing and application rates on soil p release and concentration in maize (Karimizarchi, M., Aminuddin, H., Khanif, M. Y. and Radziah, O.); natural product compounds from *Calophyllum depressinervosum* (Nor Hisam Zamakshshari, Gwendoline Cheng Lian Ee, Soek Sin Teh, Shaari Daud, Thiruventhan

*Karunakaran and Intan Safinar*); and finally, a seroprevalence and detection of Contagious Bovine Pleuropneumonia (CBPP) in northeast states of peninsular Malaysia (*Zarina, M., Zamri-Saad, M., Latiffah, H., Shahrom, M. S. and Norlida, O.*).

I 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.

I would also like to express my gratitude to all the contributors, namely, the authors, reviewers and editors, who have made this issue possible. Last but not least, the editorial assistance of the journal division staff is fully appreciated.

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

**Chief Executive Editor**

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