

Indian Institute of Spices Research

Calicut, Kerala.

Proceedings of the Study Circle, 29 June 2012

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The Study Circle meeting was held at 11 am in the Silver Jubilee Hall under the chairmanship of Dr. M. Anandaraj, Director, IISR.

After the introduction of two new members Dr T. John Zachariah presented the deputation report of his visit to Jarkarta, Indonesia to attend the Meeting of Expert Members of International Pepper Community on Quality being held during 4th to 5th June 2012. After that the following six research papers were presented.

Contribution No. 653:- "Molecular characterization of small cardamom (*Elettaria cardamomum* Maton) using ISSR markers" by B.L Vishma, K.P Sayuj, R. Senthil Kumar, K. Nirmal Babu & S J Anke Gowda was accepted with a suggestion to modify the title adding the term "released varieties".

Contribution No. 654: "Soil based land use plans for Calicut and Wayanad; an Appraisal." By R. Dinesh, V. Srinivasan, S. Hamza was accepted and was advised to modify the title with the terms "Kozhikode and Wayanad , Kerala". It was suggested to analyze the data from non cropped area of the locality and incorporate and also indicate the choice of journal for publication.

Contribution No. 655: "Influence of zinc on yield and quality of turmeric (*Curcuma longa* L.)" by V. Srinivasan, K. Kandiannan, S. Hamza and R. Dinesh was accepted. It was suggested to correlate quality parameters with dry matter production.

Contribution No. 656: "Screening spices for production of food extrudates and optimization of machine parameters for extrusion of cassava cardamom flour." by E. Jayashree, J.T Shereiff , Dennis Abraham George, T. John Zachariah and N.K Leela was accepted with a suggestion to rectify the reference part and also to try other spice combination including seed spices.

Contribution No. 657: "Optimizing packaging conditions for storage of spices, with special reference to black pepper, ginger and turmeric" by S. Sindhu, B. Chempakam, E. Jayashree, N.K Leela and M Anandaraj was approved. It was suggested to modify the title as "Management of aflatoxin in spices; effect of storage containers and storage conditions" and to publish two papers separately on the following aspects (i) the packing materials (ii) quality parameters.

Contribution No. 658: "Intercropping Vegetables and Pulses in Black Pepper (*Piper nigrum* L)" by Thankamani C.K, Srinivasan V, Kandiannan K. and Krishnamurthy K.S. The Table No 1 has to be modified. Dr. Thankamani was advised to make a demonstration of her experiment at Peruvannamuzhi farm and to recalculate the economics based on farm gate price and not on market rate.

The meeting came to an end at 1.30 pm.

Dr. C.K. Sushama Devi
Secretary, Study Circle