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RESEARCH ARTICLE

Evaluation and selection of hibiscus (*Hibiscus rosa-sinensis* L.) genotypes for enhanced pigment content

■ K.R. Rajadurai and S.P. Thamarai Selvi

SUMMARY

An experiment was conducted at Department of Floriculture and Landscaping, Tamil Nadu Agricultural University, Coimbatore, India with the objectives to evaluate different hibiscus accessions for high pigment content. In this experiment, 14 hibiscus genotypes were collected from different places of Tamil Nadu and Kerala and these genotypes were evaluated continuously from June, 2014 to Sep, 2019. Among the different accessions, Acc.6 (CHR 6) was identified with highest anthocyanin yield from flower petals. The anthocyanin extract from the flowers can be used as a food colourant.

Key Words : Hibiscus, Genotype, Evaluation, Anthocyanin pigment, Food colourant

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MEMBERS OF THE RESEARCH FORUM

Author to be contacted :
K.R. Rajadurai, Horticultural College and Research Institute, **Periyakulam (T.N.) India**
Email : krrhorti@gmail.com

Address of the Co-authors:
S.P. Thamarai Selvi, Horticultural Research Station (TNAU), **Ooty, (T.N.) India**