

## AREVIEW

# *Garcinia Indica*: A review on existing morphological and chemical variations

■ N. Ravi, Anila M. Sunny, R. Hegde, M.V. Durai and Vilaskumar

### SUMMARY

*Garcinia indica* is an indigenous tree and an important non-timber forest produce having multifarious uses in pharmaceutical, food and cosmetic industry. The ability of *Garcinia indica* to grow in different altitudes (upto to 800 metres from Mean Sea Level) and the polygamodioceous nature of tree gives variation between trees and populations. Variations are existing in colour, size, weight and chemical constituents of the fruit. Genetic variations between inter and intra populations reported provides wide opportunity for identifying suitable varieties/clones through conventional breeding and genetic improvement.

**Key Words :** Chemical, *Garcinia indica*, Genetic, Kokum, Populations, Variations

**How to cite this article :** Ravi, N., Sunny, Anila M., Hegde, R., Durai, M.V. and Vilaskumar (2022). *Garcinia Indica*: A review on existing morphological and chemical variations. *Internat. J. Plant Sci.*, 17 (2): 284-295, DOI: 10.15740/HAS/IJPS/17.2/284-295, Copyright@2022:Hind Agri-Horticultural Society.

**Article chronicle :** Received : 05.06.2022; Accepted : 27.06.2022

### MEMBERS OF THE RESEARCH FORUM

**Author to be contacted :**

N. Ravi, Institute of Wood Science and Technology, (ICFRE), Malleswaram, Bangalore (Karnataka) India  
Email : [nravi.iwst@gmail.com](mailto:nravi.iwst@gmail.com)

**Address of the Co-authors:**

Anila M. Sunny, M.V. Durai and Vilaskumar, Institute of Wood Science and Technology, (ICFRE), Malleswaram, Bangalore (Karnataka) India

R. Hegde, College of Forestry, Ponnampet, UAHS, Shivamogga, (Karnataka) India