

**MOMORDICA CYMBALARIA A NUTRITIOUS UNDERUTILIZED VEGETABLE
TAXONOMY, NUTRITIONAL, MEDICINAL, PROPAGATION,
HYBRIDIZATION AND CYTOLOGICAL ASPECTS**

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ABSTRACT

Karchikai S. N. *Momordica cymbalaria* belongs to the family cucurbitaceae. It is considered as underutilized vegetable crop as it is not commercially cultivated because of lack of planting materials. It is a rich source of Vitamin C, Fibre & Beta carotene and also rich in Iron & Calcium content. It is having medicinal properties such as Antidiarrhoeal, Hepatoprotective, Antidiabetic, Nephroprotective, Antiallergic, Antimicrobial etc. Not only are the fruits, all parts of plant having medicinal properties. In this review a focus on Propagation, Taxonomy, Nutritional aspects, Medicinal value, Floral Biology, Karyotype analysis & Hybridisation aspects are covered. Special breeding methods have to be used in future for converting this crop into commercial cultivated crop.

KEYWORDS: A17 KDa protein, Antidiarrhoeal, Antimicrobial, Cardiac glycosides, Hepatoprotective, Nephroprotective, M.c. protein, Saponins, Tubers, Vitamin C