

## PHYSIOLOGICALLY DIVERSE MORPHOTYPES OF *BACOPA MONNIERI* L. PANNELL

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**Abstract:** The aim of the experiment was to evaluate morphological and physiological variability among different accessions of *Bacopa monnieri*. Variation in leaf colour was reported in DBM-13, which exhibited exceptionally light green colour leaves as well as purple flower colour with least total chlorophyll content among studied accessions. A maximum number of leaves per stolon were reported by DBM-10, having the least leaf size and leaf area. The highest basal leaf area was reported in DBM-2, which is economically important for higher biomass content. Information on the extent of morphological variability among yield-related traits is a prime requirement for selection, trait improvement, and to design of a suitable breeding line.

**Keywords:** Leaf diversity, Chlorophyll content, Flower colour, Jal Brahmi

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