

ORIGINAL RESEARCH ARTICLE

## A new agrotechnology for the quality production of menthol-mint shoots and suckers

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### Key Words

*Mentha arvensis*

Menthol-mint

Productivity

Shoots

Sprout

Suckers

### ABSTRACT

Menthol-mint (*Mentha arvensis* L.), cultivated worldwide in tropical and subtropical countries, is a major source of natural menthol and dementholized oil. A field experiment was conducted at CSIR-Central Institute of Medicinal and Aromatic Plants, Research Centre, Pantnagar, Uttarakhand, India, to study the effect of different aerial parts of menthol-mint on its shoot/sprout and suckers production during Kharif season 2021 & 2022. The results clearly showed that the top aerial plant cutting (10-15 cm length) from the main crop of menthol-mint i.e., taken at the time of harvest and used for the raising of shoot/sprouts (T<sub>4</sub>), provided maximum quality menthol-mint shoot/sprout yield (32.22 q/ha) and menthol-mint suckers yield (204.42 q/ha) as compared to other treatments. The treatment T<sub>4</sub> proved maximum productivity in terms of menthol-mint shoot/sprout yield and menthol-mint suckers. The results showed that it was due to having maximum regenerative quality compared to other treatments.