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## Effect of different media treatments on rooting of carnation (*Dainathus cryophyllus* L.) cuttings of cv. BALTICO under poly house conditions

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**ABSTRACT :** The present experiment was conducted to study the effect of media on rooting of carnation cuttings of cv. BALTICO under poly house conditions, during September, 2011 to March, 2012 and the experiment was conducted in Randomized Block Design. All the media treatments studied recorded superior rooting parameters over control. Among the media treatments studied red earth + coco peat recorded minimum number of days for root initiation, maximum percentage of rooting, cumulative root length, maximum fresh weight of roots and percentage of establishment of rooted cuttings followed by coco peat + vermicompost and vermicompost alone. Media in combination recorded maximum rooting percentage, cumulative length of roots and fresh weight of roots over individual media treatments studied.

**KEY WORDS :** Carnation, Cocopeat, Pressmud, Red earth, Rooting, Vermicompost

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