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Domain

Smart Agriculture

Course

Management of high-value cut-flowers

Project topic

Planting of Dendrobium seedlings



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Planting of seedlings

- Dendrobiums can be planted in plastic pots, polythene bags and earthen pots. Large holes are made to the sides to ensure good drainage and aeration.
- Orchids can be planted into beds of medium instead of individual containers.
- Planting distance depends on the spacing of bed, length and width of the structure, size of the bags, and pots, life span of the plant and plant density.
- Generally 50-60 thousand plants/ha are being accommodated.





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Potting

- Dendrobiums can be planted in plastic pots, polythene bags and earthen pots. Large holes to the sides are made to ensure drainage and aeration.
- Dendrobium plants should be planted in the corner of the pot to ensure better growth by providing space for producing new canes.
- The base of the plant or the rhizome should be just a little higher than the potting media so that leaves do not touch the media and the top of the roots are just a little bit exposed.





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Repotting and care

- Repotting is done after 2-3 years if the plants have over grown. The old roots and leaves can be pruned. Plants can be divided with a minimum of 3-4 shoots and a sprouted bud.
- Repotting should be done after the flowering period.
- Repotting is done using a fresh media. Repotting is a shock to plants.
- Repotted plants should be watered frequently.

