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Centre for Smart Agriculture

Production Technology of cut and loose flower



Module 3: Post Harvest Management

Session 22: Various post harvest techniques



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Post harvest techniques-

- ✓ Operations which are followed immediately after harvesting of crop.
- ✓ It determines the final quality of crop.
- ✓ It helps to keep the product cool, to avoid moisture loss, slow down undesirable chemical.



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Pre-cooling-

- ✓ It is required to bring down the temperature of the flowers down to a much lower temperature (around 10 degrees C but not below the recommended storage temperature) as soon as the harvesting is done.
- ✓ Buckets containing flower stems dipped in water or water solution of preservatives should be kept in a pre-cooling chamber.



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De-leafing and cleaning-

- ✓ The leaves from the lower portion of the stem are removed. All infected leaves are also removed. Precautions should be taken to prevent crop injury during these processes.



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Grading, sorting and bunching

- ✓ The grading of flowers should be done according to the stem length, bud size, stem thickness and opening of flowers.





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Packaging, storage and transport-

- ✓ The flower buds should be wrapped with white or brown paper wrappers. The size of the wrappers depends upon the bud size and number of flowers per bunch. Using rubber bands of 2 into 4 in sizes below the bud and at the bottom of the stem help in minimizing transport injury and are recommended.



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- ✓ Flowers should be stored in a temperature and humidity controlled environment at a specified set point. During the storage period, the flowers should be kept in vessels/buckets containing water or water solutions as previously mentioned.



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Thank you.....