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Centre for Smart Agriculture

Production Technology of cut and loose flower



Module 2 : Cultural practices followed in cut and loose flowers

Session 21 : Harvesting



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- Harvesting is the process of gathering a ripe crop from the field.
- In case of flowers harvesting includes the decision of when, how and where to cut and the actual act of cutting the flowers.





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- The optimum stage of harvesting for each variety to ensure the quality of flowers after harvest.
- For maximum vase life of cut flowers, harvest flowers daily at their proper stage of development.
- Harvesting too early or too late significantly reduces the vase life of the flowers.
- If harvested after the optimum stage, the developing flowers use the carbohydrates that will be used for the development of smaller flower buds, thus, slowing down the growth of other flowers.



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- **Tuberose** is **harvested** by cutting off the spikes from the base for decoration or the individual **flower** is picked from the spike for making garlands. The **flower** spike should be cut-off and placed immediately in cool water with germicide.





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- **Gladiolus** takes 110-120 days to produce spikes. While **harvesting**, at least four basal leaves should be retained on the plant to ensure proper development of corms and cormels. Soak the stem in water to avoid wilting and lodging of stem and flower.





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- In jasmine, for fresh **flowers**, fully developed, unopened **flower** buds are hand-picked early in the morning. The **flowers** should be handled carefully during **harvest** and transport. The life of a **jasmine** plantation is between 10-15 years. It is advisable to replant the whole plantation after every 15 years.





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- **In crossandra,** **flowering** will start a month after transplanting. Fully opened **flowers** are picked once in two days. An average yield of 2000 kg of **flowers** per ha/year can be obtained. In Delhi **Crossandra**, 2800 kg of **flowers** per ha per year can be obtained.





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Thank you.....