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# Center for Smart Agriculture

## High value Cut flowers



### **Module 1: Gerbera Cultivation** **Session 6: Intercultural Operation**



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# Irrigation

- Ideal pH of irrigation water should range 6.5 to 7.5
- Ideal EC should be  $< 0.7$  dS/m
- Gerbera requires approximately 500 to 700 ml water per plant daily





During hot summers, foggers can be used for few seconds to maintain relative humidity of polyhouse atmosphere



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# Weeding

- Weed Appears during early stages
- 2 to 3 manual weeding are recommended
- Clean the implements before using them



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# Fertilization

- **3 weeks after planting : 19:19:19 @ 0.3 g/plant**
- **At flowering: 20:20:20 @ 0.3 g/plant**





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# Removal of old leaves/ stalks

- **Aim** : To keep the disease and pest infestation below ETL
- The old, dry, infested leaves should be removed from the plant and removed from the production site.
- **Result** : This helps in ideal distribution of dry matter and maximize production



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# Repairing of collapsed bed

- Beds usually collapse after weeding, irrigation and other intercultural operation
- Even walking over beds may even result in collapse of bed
- This can be safeguarded by plasting the sides of the bed with red soil to improve its stability
- The bed stability can also improved by organic matter in the bed



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**THANK YOU**