

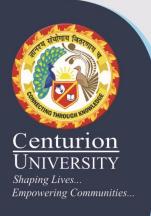
Center for Smart Agriculture

High value Cut flowers



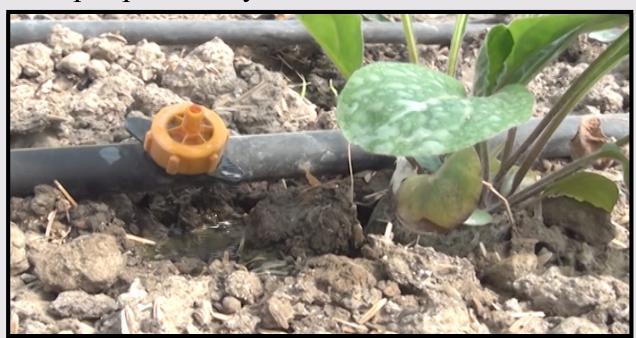
Module 1: Gerbera Cultivation

Session 6: Intercultural Operation



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



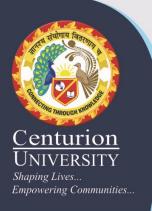


During hot summers, foggers can be used for few seconds to maintain relative humidity of polyhouse atmosphere



Weeding

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



Fertilization

• 3 weeks after planting: 19:19:19 @ 0.3 g/plant

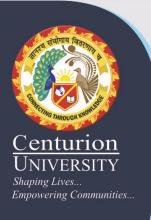
• **At flowering:** 20:20:20 @ 0.3 g/plant





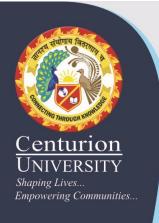
Removal of old leaves/ stalks

- **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



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



THANK YOU