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Center for Smart Agriculture

High value Cut flowers



Module 2: Dutch Rose Cultivation
Session 6: Intercultural Operations



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Irrigation

- Ideal pH of irrigation water should range 6.5 to 7.0
- Ideal EC should be 0.5 to 1 dS/m
- Ideal method of irrigation is drip irrigation



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Quality of Irrigation Water

- The water should be at room temperature
- Fresh water with neutral pH
- De-ionized water should be used
- Liquid fertilizer should be applied



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Nutrient Management

- Fertigation is very common
- Fertilize the soil with 19:19:19 @ 2g/L water
- Apply this solution at two days interval





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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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Bending

- Essential for obtaining ample foliage
- Builds up good root system
- Bend stems are production factories for the growth of a plant.
- Plant leaves are an essential part for the synthesis of carbohydrates



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Disbudding

- Removal of side buds from the plant
- Keeping one flower on each stem
- Disbudding helps the plant to produce thick stems



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Pinching

- Process of removal of unwanted veg. Growth
- Results in high quality buds



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THANK YOU