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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 16: Time and application of PGRs



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Different method of application

- Spray application
- Drenching
- Sprench method
- Bulb dipping



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Spray application:

- ✓ When using plant growth regulators as a foliar spray, it is important to achieve thorough, consistent and uniform coverage.
- ✓ It is recommended to apply 2 qt. of spray solution per 100 sq. ft.



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Drench application

- ✓ Drench applications usually provide longer lasting, more uniform control of plant height than spray applications and typically use a larger, more diluted volume of solution than sprays.
- ✓ Drenches are primarily applied to the top of the media of a growing plant.



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Sprenc method

- ✓ Sprenc method is a hybrid of the spray and drench methods.
- ✓ When using this technique, a higher volume of spray is applied, achieving more of a drenching effect than that of a spray application.



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Bulb dipping:

- ✓ Involves dipping or soaking bulbs in a growth regulator solution prior to planting.
- ✓ The concentration of the chemical and the length of time that the bulbs are submersed will vary depending on the species.



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Thank you...