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COMMERCIAL FLORICULTURE

Floriculture is a fast emerging major venture in the world, especially as a potential money spinner for many third world countries. The trade of loose flowers have become more commercial in South India. There has been a gaping void in the text of commercial loose flowers which were dealt in depth and also on par with nationwide syllabus as recommended by ICAR V Deans' committee. This textbook will be of much useful to the UG/PG students of Horticulture, Agriculture and teachers dealing with floriculture.

FEATURES

- Efforts have been made to describe production of different loose flowers of commercial importance in a systematic and comprehensive manner. The subject matter illustrated with pictures and tables, wherever, felt necessary.
- Each chapter has been divided into introduction, importance and uses, origin, history, and production, classification, species or varieties, propagation and planting season, soil and climate, spacing, irrigation and weed management, manures and fertilizers, drip and fertigation, training and pruning, use of growth regulators, harvesting and yield, plant protection, physiological disorders etc.
- The book has been written keeping in view of the requirements of the graduates and post graduate students, teachers and research fellows in floriculture with latest updations.

Contents

1. Introduction to Commercial Floriculture
2. Rose (Loose Flower)
3. Jasmine
4. Chrysanthemum- *Chrysanthemum morifolium* Asteraceae
5. Tuberose - *Polianthes tuberosa* L. Asparagaceae (Older Classification is *Amaryllidaceae*)
6. Marigold - *Tagetes erecta* L. Asteraceae
7. Crossandra - *Crossandra*/Firecracker plant/'kanaka-ambaram' - *Crossandra infundibuliformis* *Acanthaceae* (*Barlaria* family)
8. Nerium - *Nerium oleander* *Apocynaceae*
9. Globe Amaranth/Globe Flower - *Gomphrena globosa* *Amaranthaceae*
10. Hibiscus - *Hibiscus rosa-sinensis* L.
11. Dutch Rose - *Rosa* sp. *Rosaceae*
12. Carnation - *Dianthus caryophyllus* *Caryophyllaceae*
13. Gerbera - *Gebera jamesonii* *Asteraceae*
14. Cut Chrysanthemum - *Dendranthema grandiflora* *Asteraceae*
15. Orchids - *Orchids* sp. *Orchidaceae*
16. Anthurium - *Anthurium andreaeanum* *Aeraceae*
17. Liliium
18. Gladiolus - *Gladiolus* sp. *Iridaceae*
19. Alstroemeria - *Alstroemeria aurantia* *Alstroemeriaceae* (Lily of the Incas or Peruvian lily)
20. Cut China Aster - *Callistephus chinensis* *Asteraceae*
21. Heliconia - *Heliconia* sp. *Heliconiaceae*
22. Cut Foliage, Flowering and Foliage Fillers
23. Postharvest Handling Techniques of Cut and Loose Flowers
24. Method of Floral Concrete Extraction
25. Method of Essential Oil Extraction
26. Methods of Dye Extraction from Flower Crops

