

## Propagation of Ornamental Plants

Petterson Baptista da Luz<sup>1</sup>

Plant propagation research and development is going faster and faster, and we must keep the scientific community and readers up to date.

Propagation is one of the most important processes that determine the success of growing flowers, foliage or garden seedlings. Plants can be propagated by seed (sexual propagation) or by vegetative parts (asexual propagation) in open or fully protected environments.

The high demand for economic interest plant seedlings, whether ornamental, related to vegetable production, fruit-bearing or for use in forestry; has encouraged the emergence of nurseries specializing in large-scale plant propagation. This is the so-called vertical specialization system, in which the producer specializes in the early phase of plant life.

Vertical specialization is a reality in many countries, where high technology is employed with high profitability in the practice.

Thus, new techniques, processes and applications are necessary to meet the growing demand and ensure that the flower producer has materials with the health, vigor, productivity and quality demanded by the market and consumers.

With that, in this “Propagation of Ornamental Plants” special edition, the reader is invited to explore the advances and new propagation techniques; involving plants that can be used for ornamental, medicinal, fruit-bearing or arboreal purposes.

---

### References

BARBOSA, J.G.; LOPES, L.C. **Propagação de Plantas Ornamentais**. Editora UFV, 2007, 183p.

DAMIANO, C.; FERRAILOLO, G. **Ornamental plant propagation in the tropics**. Rome: FAO, 2000. Séries: FAO plant production and protection paper, 158.

---

<sup>1</sup> Area Editor - Ornamental Horticulture, Universidade Estadual Mato Grosso (UNEMAT), Cáceres-MT, Brazil. petterbaptista@yahoo.com.br ID: 0000-0003-4067-0087