

**IN VITRO PRODUCTION OF VIRUS-FREE CHRYSANTHEMUM
STOCK PLANTS FOR CUT FLOWERS**

Alberto Previati^{1*}, Carla Benelli², Francesco Da Re¹, and Michele Giannini¹

¹Experimental Center for Flower and Horticulture “Po di Tramontana”, Veneto Agricoltura,
7 Moceniga str., 45010 Rosolina (Rovigo), Italy,

*Fax: + 39 0426 664916, *E-mail: alberto.previati@venetoagricoltura.org

²IVALSA, Trees and Timber Institute, CNR/National Research Council,
10 Madonna del Piano str., 50019 Sesto Fiorentino (Firenze), Italy

REFERENCES

- Bajaj Y. P. S., Sidhu M. M. S., Gill A. P. S. (1992). Micropropagation of Chrysanthemum. *In*: Bajaj Y. P. S. (Ed.). *Biotechnology in Agriculture and Forestry 20, High-Tech and Micropropagation IV*. Springer-Verlag, Berlin Heidelberg: 69-80.
- George E. F. (Ed.) (1993). *Plant Propagation by Tissue Culture, Part 1 – The Technology*, 2nd Ed. Exegetics Ltd, 574 pp.
- Koubouris G. C., Maliogka V. I., Efthimiou K., Katis N. I., Vasilakakis M. D. (2007). Elimination of Plum pox virus through *in vitro* thermotherapy and shoot tip culture compared to conventional heat treatment in apricot cultivar Bebecou. *Journal of General Plant Pathology*, 73: 370-373.
- Leonhardt W., Wawrosh C., Auer A., Kopp B. (1998). Monitoring of virus diseases in Austrian grapevine using *in vitro* thermotherapy. *Plant Cell, Tissue and Organ Culture*, 52: 71-74.
- Murashige T., Skoog F. (1962). A revised medium for rapid growth and bioassay with tobacco tissue culture. *Physiologia Plantarum*, 15: 473-497.
- Nascimento L. C., Pio-Ribeiro G., Willadino L. Andrade G. P. (2003). Stock indexing and Potato virus Y elimination from potato plants cultivated *in vitro*. *Scientia Agricola*, 60: 525-530.
- Teixeira Da Silva J. A. (2003). Chrysanthemum: advances in tissue culture, cryopreservation, postharvest technology, genetics and transgenic biotechnology. *Biotechnology Advances*, 21: 715-766.
- Thomson A. D. (1956). Heat treatment and tissue culture as a means of freeing potatoes from virus Y. *Nature*, 177: 709.
- Ucman R., Zel J., Ravnkar M. (1998). Thermotherapy in virus elimination from garlic: influence on shoot multiplication from meristems and bulb formation *in vitro*. *Scientia Horticulturae*, 73: 193-202.
- Vogelmann A. (1973). *Il Crisantemo*. Graiferberg A. (Ed.). Edagricole, 308 pp. (in Italian).