



The Effect of CapSil® on the Reestablishment of Turgor and Subsequent Rooting in Poinsettia Cuttings

(Konjoian Floriculture Education Services, Inc., Andover, MA, 1999)

Research Cooperator: Dr. Peter Konjoian

Objective: To determine the effectiveness of CapSil on the reestablishment of leaf turgor and subsequent rooting in poinsettia cuttings.

Study Details

Location:
Andover, MA

Site Conditions:

- Greenhouse conditions: Constant temperature, 50% light reduction, intermittent misting.
- Cuttings stuck into Oasis rooting strips.

Treatments:

- CapSil and at 300 ppm
- Prestick 10 sec. dip
- Foliar spray following stick
- A second foliar spray 3 days after stick
- Control

Test period:

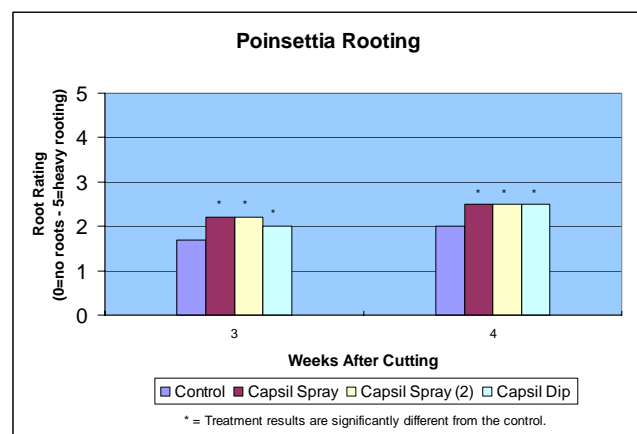
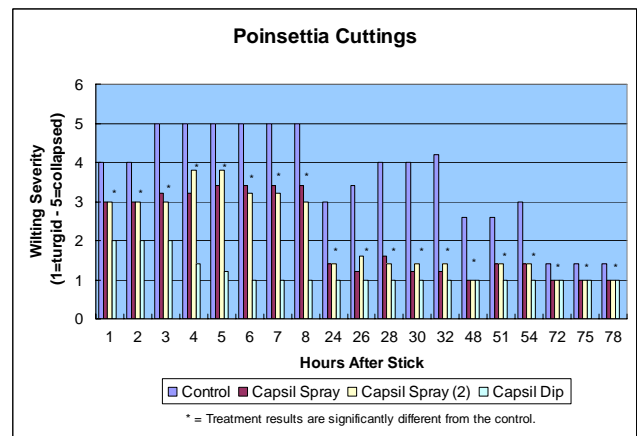
- August 1999

Evaluations:

- Severity of Wilting
- Root Development

Results

- All treatments of CapSil resulted in less wilting than the control.
- All treatments of CapSil resulted in increased rooting compared to the control.



Conclusion

Aquatrols CapSil is effective at reducing wilting and promoting root growth in poinsettia cuttings.