

**EFFECTS OF CONTINUOUS 24-HOUR PHOTOPERIOD ON GROWTH AND PHOTOSYNTHESIS
IN *PLATYCODON GRANDIFLORUM* (JACQ.) A. DC. PLANTS**

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REFERENCES

- Craker L. E., Seibert M., Clifford J. T. (1983). Growth and development of radish (*Raphanus sativus* L.) under selected light environment. *Annals of Botany*, 51: 59-64.
- Highkin H. R., Hanson J. B. (1954). Possible interaction between light-dark cycles and endogenous daily rhythms on the growth of tomato plants. *Plant Physiology*, 29: 301-302.
- Kitaya Y., Niu G., Kozai T., Ohashi M. (1998). Photosynthetic photon flux, photoperiod, and CO₂ concentration affect growth and morphology of lettuce plug transplants. *HortScience*, 33 (6): 988-991.
- Kozai T., Kubota C., Jeong B. R. (1997). Environmental control for the large-scale production of plant through *in vitro* techniques. *Plant Cell, Tissue and Organ Culture*, 51: 49-56.
- Kubota C., Kozai T. (2001). Growth and net photosynthetic rate of tomato plantlets during photoautotrophic and photomixotrophic micropropagation. *HortScience*, 36 (1): 49-52
- Moran R. (1982). Formulae for determination of chlorophyllous pigments extracted with N, N-dimethylformamide. *Plant Physiology*, 69: 1376-1381.
- Ohyama K., Manabe K., Omura Y., Kozai T. (2005). Potential use of a 24-hour photoperiod (continuous light) with alternating air temperature for production of tomato plug transplants in a closed system. *HortScience*, 40 (2): 374-377.