



LED Lighting in Vegetable Crops

Guest Editors:

Prof. Dr. Zhonghua Bian

Institute of Urban Agriculture,
Chinese Academy of Agricultural
Sciences, Chengdu 610213, China

Dr. Kai Cao

Institute of Agricultural Facilities
and Equipment, Jiangsu
Academy of Agricultural
Sciences, Nanjing 210014, China

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Message from the Guest Editors

Dear Colleagues,

Light is not only the driving force for plant photosynthesis but also acts as an important transduction signal in modulating plant growth and endogenous substance metabolism. With the rapid advances in light-emitting diodes (LEDs), light environment regulation using LED light has been a vital strategy in improving vegetable crop yield and quality. With the monochromatic spectrum and flexible and controllable characteristics, LEDs provide great advantages in revealing the mechanism of light (light quality, light intensity, and photoperiod or light duration) on vegetable growth and development. Knowledge obtained in this research topic can provide useful information for high-quality production and artificial light design for greenhouse and vertical farming growth systems.

The aims of this Special Issue are to put forward important research on plant photobiology in vegetable production, presenting recent developments and important accomplishments of LED lighting in vegetable crops





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Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies, Università del Salento, Centro Ecotekne, via Provinciale Lecce Monteroni, 73100 Lecce, Italy

Message from the Editor-in-Chief

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Horticulturae Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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horticulturae@mdpi.com
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