



plants



Special Issue Reprint

The Impact of LED (Light-Emitting Diode) Spectra on Plant Growth and Quality

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We are delighted to announce the release of a highly anticipated Special Issue of our esteemed journal, which focuses on exploring the profound impact of LED (Light-Emitting Diode) spectra on the growth and quality of plants. This collection of pioneering research articles presents an in-depth examination of the interactions between LED light and plant physiology, shedding light on the future of sustainable agriculture and horticulture.

Within this Special Issue, leading experts and scientists from around the globe delve into the intricate relationship between LED spectra and various aspects of plant development. By meticulously investigating the effects of different wavelengths, intensities, and combinations of LED light on diverse plant species, this compilation promises to revolutionize our understanding of photosynthetic processes and optimize cultivation practices.

The articles presented in this Special Issue encompass a wide range of disciplines, including plant physiology, biochemistry, genetics, and biotechnology. They provide captivating insights into the ways in which LED spectra influence plant growth, biomass accumulation, photosynthesis, morphogenesis, flowering, fruiting, secondary metabolite production, and overall crop quality.



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