

## PLANT ADAPTATION TO LIGHT SPECTRA COMPOSITION AND INTENSITY

Jan PILARSKI, Krzysztof TOKARZ  
Maciej KOCUREK

**ABSTRACT** *Solar radiation reaching the earth surface is partially reflected, partially absorbed and partially passes through, leading to changes its spectral composition. Light quality and quantity reaching the plant surface has a fundamental impact on plant's growth and development. It influences the efficiency of photosynthesis process, as well as it provides information about environmental conditions and seasons, leading to best adaptation to current conditions in photo-morfogenesis process. The plant photomorfogenesis receptors are: cryptochrome, phototropin and phytochrome.*

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