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## Control of early plant development by light quality

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### Citation

Spaninks, K. (2023, May 10). *Control of early plant development by light quality*. Retrieved from <https://hdl.handle.net/1887/3618264>

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## **Control of early plant development by light quality**

1. Studies that use photoreceptor mutants should always include monochromatic LED conditions to distinguish between light-dependent and light-independent photoreceptor functions. *this thesis.*
2. The term “multi-coloured lights” should be applied to describe the spectrum of widely used “white” lights. *this thesis.*
3. All genetic studies on plant development using *Arabidopsis thaliana* should include a proof-of-principle in one or more important crops. *this thesis.*
4. Leaf heteroblasty analysis is not sufficient to distinguish between juvenile and adult *Arabidopsis* plants. *this thesis.*
5. Dark-root conditions should be included in all *in vitro* growth systems to avoid misinterpretation of results.  
*this thesis; Silva-Navas et al., 2015, Plant J. 84, 244-255.*
6. The function described for Phytochrome B in scientific articles depends mainly on the research field of the lead author.  
*Qiu et al., 2019, Nat. Commun. 10, 140; Reed et al., 1993, Plant Cell, 5, 147-157.*
7. The effects of green light on plant development have been ignored for too long.  
*Meng & Runkle, 2019, Physiol. Plant. 166, 762-771*  
*Battle & Jones, 2020, Plant Cell Environ. 43, 16-27.*
8. Grafting experiments should be included in all studies that focus on shoot-root signalling.  
*Lee et al., 2016, Sci. Signal. 9, ra106.*  
*Chen et al., 2016, Curr. Biol. 26, 640-646.*
9. Working in monochromatic LED conditions affects one’s circadian rhythm.
10. Beach volleyball is the perfect combination of summer, sand, and sport.
11. You should never judge a book by its movie adaptation.