

Optimizing spinach production: Far-red photons are more beneficial at higher ePPFD

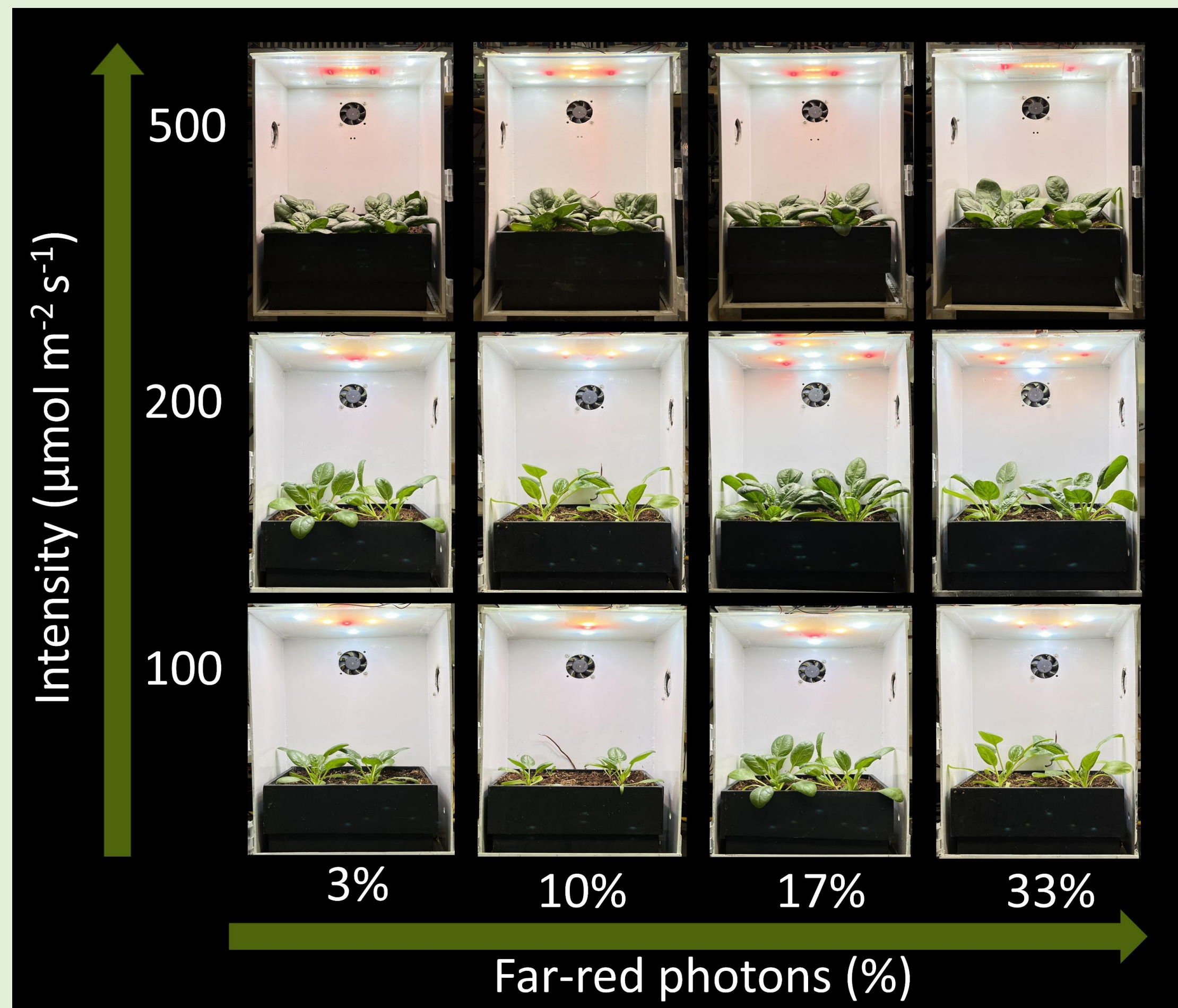
Scan me!



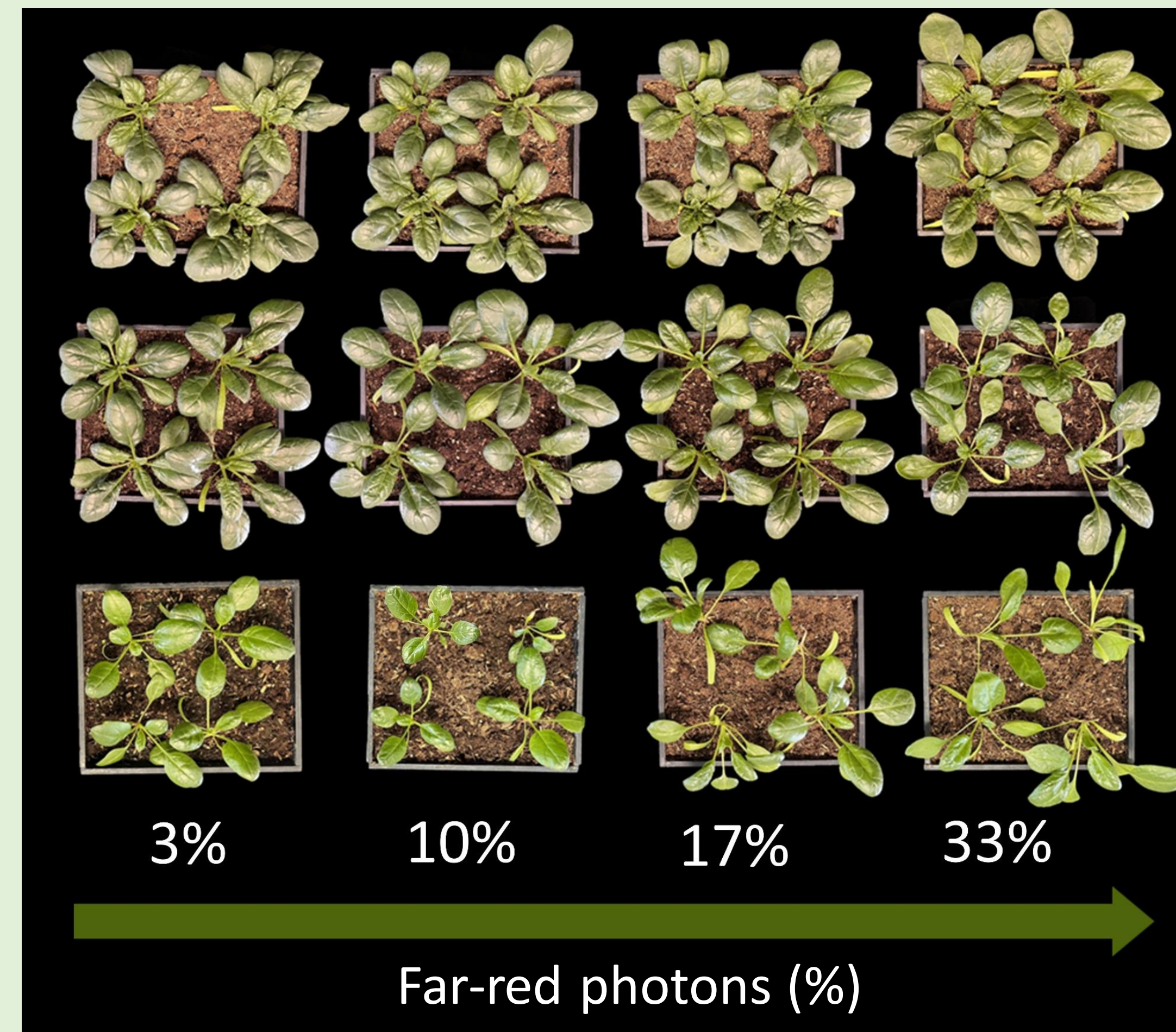
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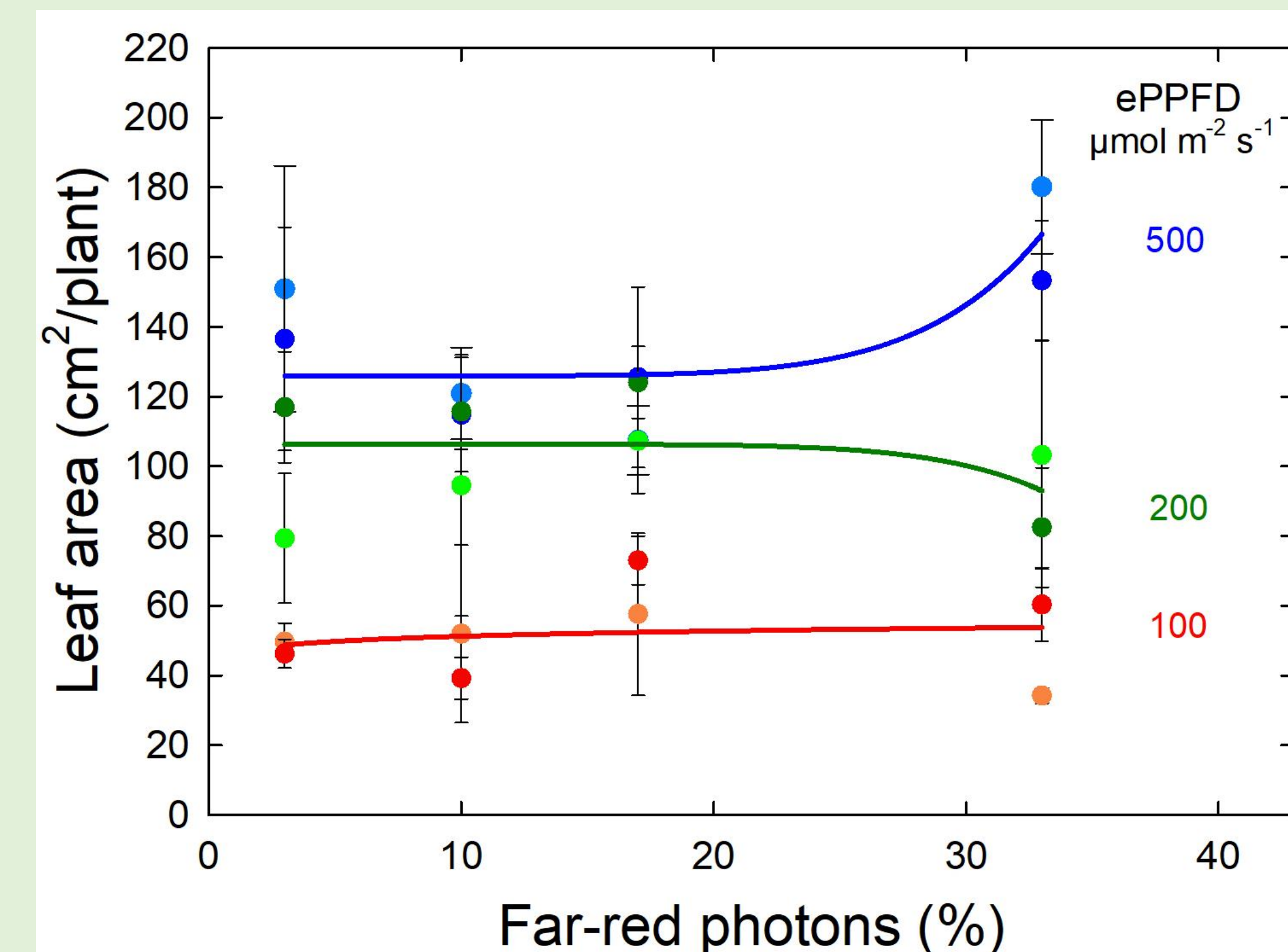
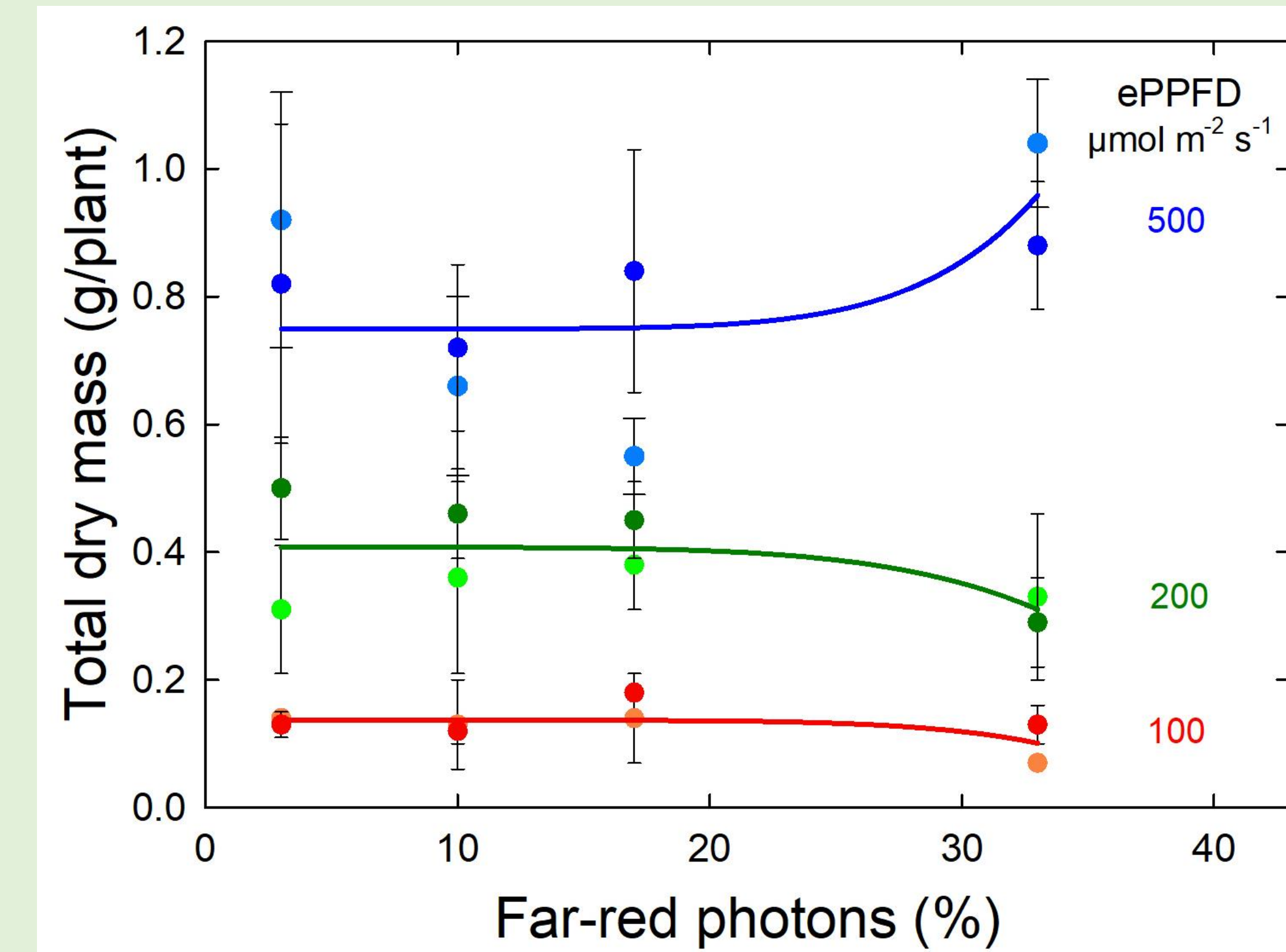
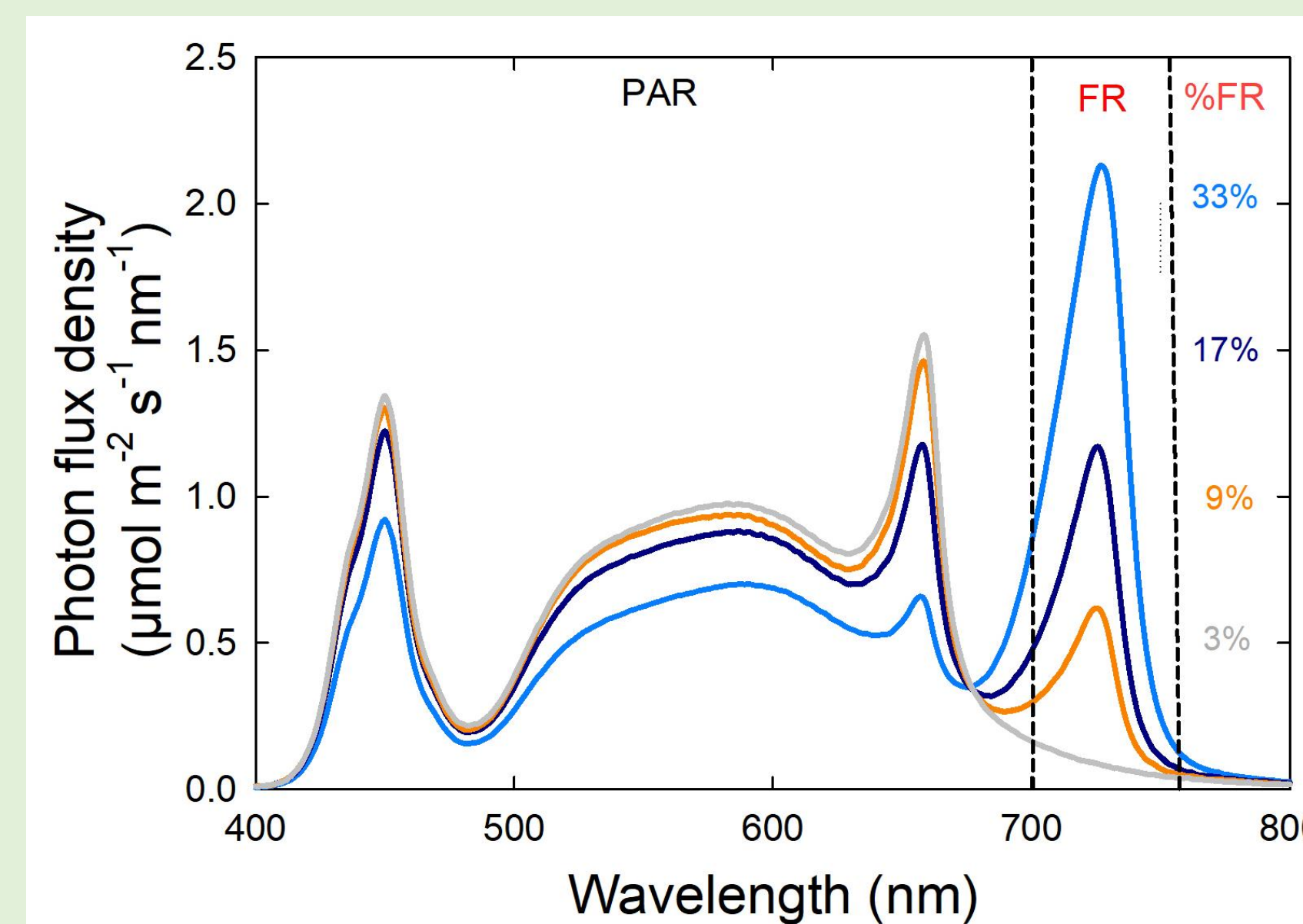
Crop
Physiology
Laboratory



cv. 'Melody hybrid'



- Plants were harvested at 24 days after emergence. Two replicate harvests.
- Spinach germination and uniformity were dramatically increased using a seed pretreatment (Langenfeld and Bugbee 2022).



Kusuma and Bugbee. 2024. On the contrasting morphological response to far-red at high and low photon fluxes. In review.

Langenfeld and Bugbee. 2022. Germination and seedling establishment for hydroponics: The benefit of slant boards.

PLoS ONE 71(10): e0275710.