

Presentation title

'Full control of plant growth and quality in vertical farm using plant physiological knowledge'

Biography



Leo Marcelis, Horticulture and Product Physiology group, Wageningen University, The Netherlands

Prof Dr Leo Marcelis is head of the chair group Horticulture and Product Physiology at Wageningen University, The Netherlands. This group holds a strong position in research and education on greenhouse horticulture, vertical farming and the post-harvest quality

Marcelis has a vast experience in studying the physiology, growth and product formation of plants and plant organs in order to improve sustainability and quality of crop production in greenhouses and vertical farms. In particular fluxes of assimilates, water and nutrients in the plant, sink/source interactions and partitioning among plant organs in response to abiotic constraints are subject of study.

He has (co-) authored more than 90 scientific articles with an H-index of 29 (according to Web of Science) and over 250 articles for growers. He is chief editor of the section Crop and product physiology of Frontiers in Plant Science.

More info: <https://www.wageningenur.nl/en/Persons/Leo-Marcelis.htm>