

## Publicaties: verduurzamen van teeltsubstraten

- Vandecasteele, B., Willekens, K., Van Delm, T., Van Waes, J. and Baets, W. 2014. Changes in chemical and physical properties of compost-amended growing media during strawberry cropping: monitoring depletion of nutrients with petiole sap measurements. *Acta Hort.* (ISHS) 1018:541-549
- Huang, W. K., Ji, H. L., Gheysen, G., Debode, J., & Kyndt, T. (2015). Biochar-amended potting medium reduces the susceptibility of rice to root-knot nematode infections. *BMC plant biology*, 15(1), 267.
- Debode, J., De Tender, C., Soltaninejad, S., Van Malderghem, C., Haegeman, A., Van der Linden, I., Cottyn, B., Marc Heyndrickx, M. & Maes, M. (2016). Chitin mixed in potting soil alters lettuce growth, the survival of zoonotic bacteria on the leaves and associated rhizosphere microbiology. *Frontiers in microbiology*, 7.
- De Tender, C., Debode, J., Vandecasteele, B., D'Hose, T., Cremelie, P., Haegeman, A., Ruttink, T., Dawyndt, P. & Maes, M. 2016. Biological, physicochemical and plant health responses in lettuce and strawberry in soil or peat amended with biochar. *Applied Soil Ecology* 107, 1-12.
- De Tender C, Haegeman A, Vandecasteele B, Clement L, Cremelie P, Dawyndt P, Maes M and Debode J. 2016. Dynamics in the strawberry rhizosphere microbiome in response to biochar and Botrytis cinerea leaf infection. *Front. Microbiol.* 7:2062. doi:10.3389/fmicb.2016.02062
- Dias, V., Hoekstra, B., Mechant, E., Perneel, M. and Vandecasteele, B. (2017). Sustainable growing media based on green waste compost and other organic recycled materials: use of elemental sulphur to control pH. *Acta Hort.* (ISHS), 1168, 167-174, July 2017, DOI: 10.17660/ActaHortic.2017.1168.22
- Vandecasteele, B., Viaene, J., Debode, J., Muylle, H. and Perneel, M. (2017). Selecting raw materials for sustainable growing media: a protocol to assess the risk for N immobilization. *Acta Hort.* (ISHS), 1168, 149-160, July 2017, DOI: 10.17660/ActaHortic.2017.1168.20
- Vandecasteele, B., Boogaerts, C. and Vandaele E. (2017). Balancing green energy and materials recycling: woody biomass for combustion and green waste composting combined with compost for growing media? *Acta Hort.* (ISHS), 1168, July 2017, 143-148, DOI: 10.17660/ActaHortic.2017.1168.19
- Vandecasteele, B., Dias, V., Hoekstra, B., Mechant, E. and Perneel, M. (2017). Sustainable growing media based on green waste compost and other organic recycled materials: indicators for potential biodegradation and N immobilization. *Acta Hort.* (ISHS), 1168, 349-358, July 2017, DOI: 10.17660/ActaHortic.2017.1168.45