

Selected Publications G. Grabenweger, Agroscope

- Reinbacher, L., Bacher, S., Knecht, F., Schweizer, C., Sostizzo, T., and **Grabenweger, G.** (2021): Preventive field application of *Metarhizium brunneum* in cover crops for wireworm control. *Crop Protection*, <https://doi.org/10.1016/j.cropro.2021.105811>
- Reinbacher, L., Bacher, S., Praprotnik, E., and **Grabenweger, G.** (2021): Standard non-target tests for risk assessment of plant protection products are unsuitable for entomopathogenic fungi—a proposal for a new protocol. *Journal of Soils and Sediments*, <https://doi.org/10.1007/s11368-021-02919-w>
- Kaiser, D., Handschin, S., Rohr, R.P., Bacher, S. and **Grabenweger, G.** (2020). Co-formulation of *Beauveria bassiana* with natural substances to control pollen beetles – Synergy between fungal spores and colza oil. *Biological Control* 140, (104106).
- Kaiser, D., Bacher, S., Mène-Saffrané, L. and **Grabenweger, G.** (2018) Efficiency of natural substances to protect *Beauveria bassiana* conidia from UV radiation. *Pest Management Science*, doi 10.1002/ps.5209.
- Benjamin, E.O., **Grabenweger, G.**, Strasser, H. and Wesseler, J. (2018). The socioeconomic benefits of biological control of western corn rootworm *Diabrotica virgifera virgifera* and wireworms *Agriotes* spp. in maize and potatoes for selected European countries. *Journal of Plant Diseases and Protection*, doi.org/10.1007/s41348-018-0156-6.
- Mayerhofer, J., Eckard, S., Hartmann, M., **Grabenweger, G.**, Widmer, F., Leuchtmann, A. and Enkerli, J. (2017). Assessing effects of the entomopathogenic fungus *Metarhizium brunneum* on soil microbial communities in *Agriotes* spp. biological pest control. *FEMS Microbiology Ecology* 93, fix117.
- Eckard, S., Bacher, S., Enkerli, J., and **Grabenweger, G.** (2017). A simple in vitro method to study interactions between soil insects, entomopathogenic fungi, and plant extracts. *Entomologia Experimentalis et Applicata* 163, 315–327.
- Rogge, S.A., Mayerhofer, J., Enkerli, J., Bacher, S. and **Grabenweger, G.** (2017). Preventive application of an entomopathogenic fungus in cover crops for wireworm control. *BioControl* 62, 613–623.
- Grabenweger, G.**, und Keiser, A. (2017). Biologische Drahtwurmbekämpfung: Nützliche Bodenpilze lösen das Problem. *UFA-Revue*, 4/ 2017, 44-45.
- Sieber, S., Carlier, A., Neuburger, M., **Grabenweger, G.**, Eberl, L. and Gademann, K. (2015). Isolation and total synthesis of Kirkamide, an aminocyclitol from an obligate leaf nodule symbiont. *Angew. Chem. Int. Ed.* 54, 7968–7970
- Grabenweger, G.** (2015). Da ist der Wurm drin: Drahtwurmbekämpfungsmöglichkeiten im Kartoffelbau. *Agrarforschung Schweiz* 6 (11–12), 538–541.
- Eckard, S., Ansari, M.A., Bacher, S., Butt, T., Enkerli, J., and **Grabenweger, G.** (2014). Virulence of *in vivo* and *in vitro* produced conidia of *Metarhizium brunneum* strains for control of wireworms. *Crop Protection* 64, 137-142

A complete list of publications is available upon request