

VERÖFFENTLICHUNGEN 2017

Abteilung Pflanzenzüchtung, Göttingen

- Hönigsberger, B., Antonelli, L., Samad, A., Horneburg, B., Trognitz, F., 2016: Genotype dependent microbiome of 60 different tomato cultivars. 67. Tagung der Vereinigung der Pflanzenzüchter und Saatgutkaufleute Österreichs 21.-23.11.2016, HBLFA Raumberg-Gumpenstein, Irnding, Österreich.
- Holzinger, A., Rehberg, M., Horneburg, B., 2017: Ökologisch produzierte Tomatenjungpflanzen für Hobbygärtner. *Gemüse* 9/2017, 48-49.
- Horneburg, B., Seiffert, S., Schmidt, J., Messmer, M.M., Wilbois, K.P., 2017: Weed tolerance in soybean: a direct selection system. *Plant Breeding* 136, 372–378.
- Kotschi, J., Rehberg, M., Horneburg, B., 2017: Open-source seeds and the tomato cultivar Sunviva. *SAVE e-News* 2/2017; <http://www.save-foundation.net/?lang=en>.
- Lange, J., Raj, R.P., Horneburg, B., 2017: Participatory breeding for improved Phytophthora-resistance in the Organic Outdoor Tomato Project. In: Rahmann, G. et al., 2017: Proceedings of the Scientific Track “Innovative Research for Organic Agriculture 3.0”, Organic World Congress 2017 in New Delhi, India, November 9-11, 348-351.
- Mahasuk, P., Kullik, A. S., Iqbal, M. C., Möllers, C., 2017: Effect of boron on microspore embryogenesis and direct embryo to plant conversion in *Brassica napus* (L.). *Plant Cell, Tissue and Organ Culture (PCTOC)*. doi:10.1007/s11240-017-1232-5.
- Römer W., Claassen, N., Hilmer, R., Steingrobe, B., Möllers, C., Dittert, K., 2017: Wie viel Phosphor braucht der Raps? *Zeitschrift Raps* 4, 28-32.
- Sallam, A., Ghanbari, M., Martsch, R., 2017: Genetic analysis of winter hardiness and effect of sowing date on yield traits in winter faba bean. *Scientia Horticulturae* 224, 296-301.
- Sallam, A., Moursi, Y., 2017: Selection index for seedling root traits to improve frost tolerance in winter faba bean. *Ann. Agric. Crop Sci.*, 1(3), 1014.
- Schaefer, H.L., Brandes, H., Ulber, B., Becker, H.C., Vidal, S., 2017: Evaluation of nine genotypes of oilseed rape (*Brassica napus* L.) for larval infestation and performance of rape stem weevil (*Ceutorhynchus napi* Gyll.). *PLoS ONE* 12(7): e0180807. <https://doi.org/10.1371/journal>.
- Schulte auf'm Erley, G., Li Wang, Wollmer A.-C., Rudloff, J., Becker, H.C., Mühling, K.H., 2017: Classification of oilseed rape accessions according to sulfur-related plant traits in short-term experiments reflects agronomic performance in field experiments. *Industrial Crops and Products* 107, 73–80.
- Tacke, R., Link, W., 2017: Towards a localization of the “vc-“gene responsible for low vicine and convicine content in seeds of faba bean (*Vicia faba* L.) and towards a low vicine and

convicine winter faba bean cultivar. 8th International Conference on Legume Genetics and Genomics, September 18-22. Siófok, Hungary. ICLGG Ungarn. Page 115.

Schierholt, A., Siyang, L., Becker, H.C., Feuerstein, U., Luesink, W., Schulze, S., Asp, T., Studer, B., Dehmer, K., 2017: DArT, SNP, and SSR analyses of genetic diversity in *Lolium perenne* (L.) using Bulk Sampling Antje Schierholt; BMC Genetics, in press.

Steinschneider, C., Horneburg, B., Lerch, F., 2017: Freiland-Paradeiser in Österreich bei Befallsdruck durch *Phytophthora infestans*. In: Ländliches Fortbildungsinstitut Österreich (Hrsg.) Biogemüsefibel 2017: 9-13. [http://www.bio-net.at/startseite/news-item.html?tx_ttnews\[tt_news\]=374&cHash=9eaac78cb257eafc6abb04d4ef6c9e4e](http://www.bio-net.at/startseite/news-item.html?tx_ttnews[tt_news]=374&cHash=9eaac78cb257eafc6abb04d4ef6c9e4e).

Zanklan, A.S., Becker, H.C., Sørensen, M., Pawelzik, E., Grüneberg, W.J., 2017: Genetic diversity in cultivated yam bean (*Pachyrhizus* spp.) evaluated through multivariate analysis of morphological and agronomic traits. Genet. Resour. Crop Evol. DOI 10.1007/s10722-017-0582-5.

Monographien

Pfalsdorf, Luisa 2017: Development of dual use maize cultivars – corn as food and stover for biogas production. Dissertation Georg-August-Universität Göttingen. <http://hdl.handle.net/11858/00-1735-0000-0023-3EAF-7>

Puspitasari, Winda 2017: Association analyses to genetically study reproduction and seed quality features of faba bean (*Vicia faba* L.). Dissertation Georg-August-Universität Göttingen. <http://hdl.handle.net/11858/00-1735-0000-0023-3F11-1>

Ruland, Michael, 2017: Site-specific adaptation by natural selection. A case study with lentil. Dissertation, Georg-August-Universität Göttingen.

Stever, Mareile, 2017: Maissorten für den ökologischen Landbau – Unkrauttolerante Maishybriden und blühbiologische Untersuchungen zur Entwicklung offen abblühender Maissorten. Dissertation, Georg-August-Universität Göttingen.

Widiarsih, Sasanti 2017: Inheritance of seed quality traits, seed germination and seed longevity in three doubled haploid populations of *Brassica napus*. Dissertation, Georg-August-Universität Göttingen.

Valdés Velázquez, Ariana Istar, 2017: Inheritance of microspore embryogenic potential and direct embryo to plant conversion in the oilseed rape DH population DH4079 x Express 617. Dissertation, Georg-August-Universität Göttingen. <http://hdl.handle.net/11858/00-1735-0000-0023-3E44-8>.