

## 5.2 Other research facilities in Austria\*, <http://orgprints.org/8760/>

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Infrastructures	Long-term crop experiment MUBIL”	This long term field experiment concerning the monitoring of the effects of conversion to organic farming on soil, water, flora and fauna is performed at the organic farm "Rutzendorf" of the BVW GmbH (Federal experimental station Ltd.) in the Marchfeld and started in 2003. The experimental area covers 142.9 hectares cropland (organic since 2003) and provides the basis for the monitoring of the different aspects of the conversion to organic farming. A scientific concept for the conversion from conventional farming to organic farming is developed and put into practice. The effects of the conversion to organic farming onto soil, water, flora and fauna are estimated by specific parameters. The effects of three different organic fertilizer strategies onto the soil properties and crop production are compared. The importance of permanent habitat structures (hedge rows, groves, etc.) is characterized, and new habitat structures shall be planned and laid out.
	Research farm Gross-Enzersdorf	This 26 hectares cropland in Pannonian climate was converted in 1998. A movable greenhouse (240 m <sup>2</sup> ) is available for crop rotation studies. Cultivation of cereals, oil seeds, legumes.
	Laboratories	A laboratory for analysis of total C and N with a DOC/TN <sub>b</sub> analyser, for analysis of mineral nitrogen, N mineralisation, soil microbial biomass, Arginine ammonification and mycorrhizal colonisation is available at the University of Natural Resources and Applied Life Sciences (BOKU) Vienna.

\* Taken from: Fuhrmann, Elfriede; Silmbrod, Anita and Trondl, Doris (2006) CORE Organic Country Report Austria, in Lange, Stefan; Williges, Ute; Saxena, Shilphi and Willer, Helga, Eds. European Research in Organic Food and Farming. Reports on organisation and conduction of research programmes in 11 European countries, chapter Austria, page pp. 8-22. Bundesanstalt für Landwirtschaft und Ernährung (BLE) / Federal Agency for Agriculture and Food BLE, Bonn, Germany. Archived at <http://orgprints.org/8760/>