

Contents

Dynamics of nitrogen availability in pot grown crops with organic fertilization <i>Karl-Johan Bergstrand, Klara Löfkvist and Håkan Asp</i>	143
Low-dose X-ray irradiation of wheat and bean samples detectable by fluorescence excitation spectroscopy (FES) <i>Peter Stolz, Jenifer Wohlers, Gudrun Mende, Tabea Meischner, Roya Bornhütter, Bien'jumin Wolfssohn and Uwe Geier</i>	151
Potential for no-tillage and clipped-weed mulching to improve soil quality and yield in organic eggplant production <i>Rahmatullah Hashimi, Masakazu Komatsuzaki, Takuya Mineta, Satoshi Kaneda and Nobuhiro Kaneko</i>	158
Differentiation between milk from low-input biodynamic, intermediate-input organic and high-input conventional farming systems using fluorescence excitation spectroscopy (FES) and fatty acids <i>Jenifer Wohlers and Peter Stolz</i>	172
Ecological assessment of grass associations in the Balkan Mountains conditions <i>Natalia Georgieva, Valentin Kosev, Galina Naydenova and Dimitar Mitev</i>	187
Controlled experiment to determine nitrogen availability for seven organic fertilisers in three contrasting soils <i>Juan Hirzel, Denise Donnay, Claudio Fernández, Sebastián Meier, Octavio Lagos, Patricio Mejias-Barrera and Francisco Rodríguez</i>	197