

List of Dissertation Topics and Possible Supervisors in Agronomy Sciences Field

Dissertation Topic	Institution	Supervisors
No-tillage impacts on soil, crop and the environment	VMU AA	Prof. dr. Vaclovas Bogužas
Influence of Agrobiological Factors on Changes in Biologically Valuable and Harmful Substances in Solanaceae family (<i>Solanum retroflexum</i> Dunal) berries	VMU AA	Doc. dr. Jurgita Kulaitienė
The effect of biopesticides and undersown cover crops on the oilseed rape agrocenosis	VMU AA	Prof. dr. Aušra Marcinkevičienė
Increasing the biomass production of agricultural crops with energy potential by increasing crop biodiversity, sustainability, functionality and economic impact under short vegetation conditions	VMU AA	Prof. dr. Kęstutis Romaneckas
Expression of anthocyanin biosynthesis genes in <i>Ribes</i> species	LRCAF	Dr. Vidmantas Bendokas
Studies on diverse cropping systems in conservation agriculture	LRCAF	Dr. Irena Deveikytė
The influence of biochar on Cambisol quality and sustainability and mitigation of GHG emissions	LRCAF	Dr. Dalia Feizienė
The effect of different substrates on vegetable seedlings photosynthesis parameters, quality and crop productivity	LRCAF	Dr. Julė Jankauskienė
Potential productivity of faba bean (<i>Vicia faba</i> L.) and influence on clay loam Cambisol properties under different nutrition conditions	LRCAF	Dr. Daiva Janušauskaitė
Daugiametės svidrės adaptyvumas ir biomasės formavimasis nepalankiomis aplinkos sąlygomis tyrimai	LRCAF	Dr. Kristina Jonavičienė
Complex influence of abiotic and biotic factors to the qualitative parameters of red beet (<i>Beta vulgaris</i> L.) during growth and storage	LRCAF	Dr. Rasa Karklelienė

The influence of urea on the composition of processed organic fertilizers and their impact on soil agrochemical properties	LRCAF	Dr. Romas Mažeika
The prevalence and development <i>Rhizoctonia carotae</i> (Ärsvoll) U. Braun in field and occurrence on stored carrot roots	LRCAF	Dr. Neringa Rasiukevičiūtė
Functional research of <i>Fragaria</i> and <i>Malus</i> genes of cold hardiness	LRCAF	Dr. Rytis Rugienius
Apple (<i>Malus domestica</i> Borkh.) genes responsible for premature fruit drop	LRCAF	Dr. Audrius Sasnauskas
Evaluation studies of arable crop pests abundance and severity relationships with the natural and anthropogenic factors	LRCAF	Dr. Roma Semaškienė
Quality of conserved forage and factors influencing its changes	LRCAF	Dr. Alvyra Šlepetienė
Adaptability of daylily (<i>Hemerocallis</i> L.) in ploidy level changes	LRCAF	Prof. habil. dr. Vidmantas Stanys
Impact of agrotechnical decisions on the prevalence and diversity of agricultural microorganisms	LRCAF	Dr. Skaidrė Supronienė
Phytochemical, biological and technological evaluation of various strawberry cultivars	LRCAF	Dr. Jonas Viškelis
Development and evaluation of winter wheat breeding material with increased anthocyanin content	LRCAF	Dr. Žilvinas Liatukas