

CONTENTS

Chapter 1. AGROCHEMISTRY

- J. Mažvila, J. Arbačiauskas, J. Kaunas, B. Petkevičienė.** Effect on sugar beet yield and quality 3
- R. Skuodienė, E. Butkuvienė, N. Daugėlienė.** The effect of wood ash on spring barley and potato yield and quality 13
- E. Lapinskas, D. Ambrazaitienė.** The importance of *Rhizobium galegae* strains in combination with phosphorus and potassium fertilizers on goat's rue symbiosis 27

Chapter 2. CROP PRODUCTION

- O. Auškálnienė.** The influence of Modus mixtures with other plant growth regulators on the grain yield and productivity of winter wheat 48

Chapter 3. PLANT PATHOLOGY AND PROTECTION

- Ž. Liatukas, A. Leistrumaitė.** *Ramularia (Ramularia collo-cygni* Sutton et Waller) – a new leaf spot disease of spring barley in Lithuania 61

Chapter 4. GRASSLAND HUSBANDRY

- V. Žemaitis.** Cultivation of timothy for seed in pure stands and mixed with early red clover 75

Chapter 5. PLANT BREEDING AND GENETICS

- V. Paplauskienė, G. Dabkevičienė.** Characterization of clover species and their interspecific hybrids by isozymes and seed protein electrophoretic analysis 94

Chapter 6. VĖŽAIČIAI BRANCH IS 70 YEARS OLD

- S. Bernotas, E. Lapinskas.** Analysis of research development at the Lithuanian Institute of Agriculture's Vėžaičiai Branch 106