

## CONTENTS

- Lemanowicz J.:  
Mineral fertilisation as a factor determining selected sorption properties of soil  
against the activity of phosphatases ..... 439
- Jamnická G., Ditmarová L., Kurjak D., Kmeť J., Pšidová E., Macková M.,  
Gömöry D., Střelcová K.:  
The soil hydrogel improved photosynthetic performance of beech seedlings  
treated under drought ..... 446
- Marinou E., Chrysargyris A., Tzortzakis N.:  
Use of sawdust, coco soil and pumice in hydroponically grown strawberry ..... 452
- Patkowska E., Konopiński M.:  
Effect of cover crops on the microorganisms communities in the soil  
under scorzonera cultivation ..... 460
- Hamouz K., Lachman J., Pazderů K., Hejtmánková K., Cimr J., Musilová J., Pivec V.,  
Orsák M., Svobodová A.:  
Effect of cultivar, location and method of cultivation on the content of chlorogenic acid  
in potatoes with different flesh colour ..... 465
- Roitner-Schobesberger B., Kaul H.-P.:  
Source capacity during flowering affects grain yield of amaranth (*Amaranthus* sp.) ..... 472
- Singh J., Sharma P.C., Sharma S.K., Kumar A.:  
Standardization of the fourier transform near-infrared reflectance spectroscopy  
for estimation of some oil quality parameters in mustard (*Brassica* spp.) ..... 478