

## CONTENTS

Jaisamut K., Paulová L., Patáková P., Rychtera M., Melzoch K.: Optimization of alkali pretreatment of wheat straw to be used as substrate for biofuels production .....	537
Dąbrowski P., Pawluśkiewicz B., Kalaji H.M., Baczevska A.H.: The effect of light availability on leaf area index, biomass production and plant species composition of park grasslands in Warsaw .....	543
Ben-Asher J., Garcia y Garcia A., Flitcroft I., Hoogenboom G.: Effect of atmospheric water vapor on photosynthesis, transpiration and canopy conductance: A case study in corn .....	549
Ruíz-Valdiviezo V.M., Aguilar-Chávez Á., Cárdenas-Aquino M.R., Mendoza-Urbina L.D., Reynoso-Martínez S.C., Bautista-Cerón A., Gutiérrez-Miceli F.A., Montes-Molina J.A., Dendooven L.: Greenhouse gas emissions from a soil cultivated with wheat ( <i>Triticum</i> spp. L.) and amended with castor bean ( <i>Ricinus communis</i> L.) or <i>Jatropha curcas</i> L. seed cake: A greenhouse experiment ...	556
Du W., Zhou J., Jiang P., Yang T., Bu Y.Q., Liu C.H., Dai C.C.: Effects of <i>Beauvoia bassiana</i> and acephate on enzyme activities and microbial diversity in paddy soil .....	562
Li W., Yan S., Wang Z.: Effect of spikelet position on starch proportion, granule distribution and related enzymes activity in wheat grain .....	568
Nogalska A., Zalewska M.: The effect of meat and bone meal on phosphorus concentrations in soil and crop plants .....	575
Index of volume 59 .....	I
List of reviewers .....	VII