

## ORIGINAL SCIENTIFIC PAPERS

ZAJÍCOVÁ K., CHUMAN T.: Effect of land use on soil chemical properties after 190 years of forest to agricultural land conversion .....	121
WANG X., XUE Z., LU X., LIU Y., LIU G., WU Z.: Salt leaching of heavy coastal saline silty soil by controlling the soil matric potential .....	132
JANOŮŠEK Z., PAPAJ V., BRÁZDA J.: Land protection versus planned land consumption: an example of the Hradec Králové Region .....	138
HÁBOVÁ M., POSPÍŠILOVÁ L., HLAVINKA P., TRNKA M., BARANČÍKOVÁ G., TARASOVIČOVÁ Z., TAKÁČ J., KOCO Š., MENŠÍK L., NERUŠIL P.: Carbon pool in soil under organic and conventional farming systems .....	145
BRYCHTA J., JANEČEK M.: Determination of erosion rainfall criteria based on natural rainfall measurement and its impact on spatial distribution of rainfall erosivity in the Czech Republic .....	153
FOROOTAN E.: Analysis of trends of hydrologic and climatic variables .....	163
KABELKA D., KINCL D., JANEČEK M., VOPRAVIL J., VRÁBLÍK P.: Reduction in soil organic matter loss caused by water erosion in inter-rows of hop gardens .....	172