

EFFECTS OF CROP YEAR AND NUTRIENT SUPPLY ON THE YIELD OF DIFFERENT WINTER WHEAT VARIETIES ON CHERNOZEM SOIL

Éva SZABÓ¹, András SZABÓ²

Abstract. *The nutrient uptake and fertilizer response of wheat varieties of different genotypes with different dosage of fertilizers was examined in different crop years. In the analyzed crop years we were searching for answers to how different climate and crop year conditions effect the yield. The yield of five winter wheat genotypes was investigated in three different growing seasons on chernozem soil. The results suggest that the genotype and the nutrient supply had a considerable influence on the yield, while the growing season modified the yield in a significant manner.*

Keywords: winter wheat, fertilizer response, effect of season, yield

¹Title: PhD, University of Debrecen, Hungary, Faculty of Agricultural and Food Sciences and Environmental Management (e-mail: szaboeva@agr.unideb.hu)

²Title: PhD, University of Debrecen, Hungary, Faculty of Agricultural and Food Sciences and Environmental Management (e-mail: szabo@agr.unideb.hu)
