



THE EFFECT OF ORGANIC MINERAL FERTILIZATION IN THE  
YIELD AND QUALITY OF SUGAR BEET IN A LONG TERM  
EXPERIMENT AT EZARENI – IASI II. SUGAR BEET YIELD  
QUALITY IN 1986-2003

EFFECTUL FERTILIZĂRII ORGANICE ÎN CAMP ȘI CALITATEA  
SFECLEI DE ZAHAR ÎNTR-UN EXPERIMENT PE TERMEN LUNG  
LA EZARENI IASI, CALITATEA SFECLEI DE ZAHAR  
ÎNTR-UN 1986-2003

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The experiments were carried out on a cambic chernozem, the sugar beet crop being cultivated on a three year rotation: sugar beet-winter wheat-maize. The highest average roots yield (426 q/ha) were obtained from the fertilization with 180 kg N/ha and 30 t/ha manure. The highest sugar percentage (18,16 %) was registered by the fertilization with 60 kg N/ha on a straw and chopped background while the highest sugar yield (7594 kg-ha) was obtained by the variant with 180 kg N/ha on a manure soil background.