THE CONTENT OF MACRO- AND MICROELEMENTS IN MUCKOUS SOILS WITHIN THE ODRA FLOODPLAIN

Key words: hydrogenic soil, macro- and microelements, organic matter

Summary

The aim of the studies was to determine the content of macro- and microelements of muckous soils used as arable land. The profile of muckous soils within the Odra Floodplain is made up of loose sands. Their agricultural use depends on the properties of muckous horizons (Aip). The reaction of this soil ranged from strongly acid or acid in muckous horizons to slightly acid in the parent material. The availability of phosphorus, potassium and magnesium was medium to high. The content of microelements varied within the values known as natural for sandy soils.

Address: dr inż. A. Sammel, Akademia Rolnicza, Katedra Gleboznawstwa, ul. Słowackiego 17, 71-434 Szczecin; tel. +48 (91) 425-02-68, e-mail: asammel@agro.ar.szczecin.pl