CONTEMPORARY PROBLEMS IN MELIORATION

Key words: exploitation of installations, melioration, water-melioration systems

Summary

Appropriate utilization of melioration facilities (which are installed on 36 % of croplands in Poland ) is the focus of this paper. The effects of reclamation depend on the level of exploitation of these devices and on the extent of agricultural land use. Improvements in exploitation and maintenance of reclamation facilities may intensify agricultural production but may also improve environmental status through e.g. the improvement of water quality in outflows from the reclaimed objects. For this purpose it is proposed to enlarge fourfold the irrigated areas, to use energy and resource saving systems of water management and to expand small and large water retention. The need for improving the organization of water-reclamation services and the principles of financing water management in the country is also underlined in this paper.

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