AN ASSESSMENT OF THE PRODUCTION INTENSITY ON GRASSLANDS IN SUSTAINABLE FARMING SYSTEM

Key words: grasslands, survey study, sustainable system of farming

Summary

The level of production intensity on lowland grasslands in sustainable farming system was assessed within the long-term programme PW/6.1 using the survey by direct interview. Farms in 7 provinces (pomorskie, warmińsko-mazurskie, podlaskie, świętokrzyskie, mazowieckie, łódzkie and lubelskie) participated in survey. The farms whose share of grasslands in agricultural lands (AL) exceeded 20% took part in the programme. Dairy production dominated in farms, mixed production was seldom represented and 20% of farms grew only plants. The area and proportion between arable lands and grasslands largely differed among the studied farms. In 40% of farms the share of grasslands in AL was between 40 and 90%. Proportion of meadows and pastures varied in relation to soil quality – most often they were situated on weakest soils. Inappropriate management of organic fertilizers was noted. Results of the study indicate the need of proper instruction and systematic advisors’ help regarding better evaluation of habitat conditions and analysis of plant requirements for nutrients in different habitats.