

Reaction of fatteners to different management conditions

S u m m a r y

The experiment was conducted with 48 crossbred fatteners. The animals were classified into four experimental groups, 12 fatteners in each group and placed in pens (dimensions: 4.2 m x 3.6 m) according to the following system: group I (control) - floor management (solid floor, without litter), *ad libitum* feeding with full-ration mixture; group II - floor management (solid floor without litter), *ad libitum* feeding with full-ration mixture and additionally, with green forage (lucerne); group III - management on litter (shallow litter), *ad libitum* feeding with full-ration mixture; group IV - management on litter (shallow litter), *ad libitum* feeding with full-ration mixture and additionally, with green forage (lucerne). The experiment lasted for 77 days and was conducted since half of May until the end of July. In the experiment, the consumption of mixture and lucerne as well as the use of litter and the quantity of water was controlled. The pigs from all experimental groups reached very good production results; the fatteners from control group (group I) were characterized by the best fattening and slaughter results. The animals from the groups which received additionally the green forage (lucerne) were characterized by lower water intake during the whole period of the experiment. The differences between the level of total cholesterol and LDL fraction in blood serum in favour of animals fed with the additive of lucerne forage and those ones kept on litter were recorded.