

POSSIBILITIES OF INTENSIVE GILT RAISING ON PIG BREEDING FARMS

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Summary. Proper breeding of high quality gilts on pig breeding farms is one of the decisive factors of successful development of pig farms.

The aim of our investigations was to prove the possibility of creating favourable gilt breeding conditions based on local feeds enriched with protein-vitamin mineral additives (PVM) on local breeding farms.

The experiment was carried out on „Zalsvele“ breeding farm (Marijampole region) on the Lithuanian Whites, the German Landrace and their cross-breeds, fed on locally grown barley and wheat mixture enriched with „Kedainiai biochemistry“ plant produced protein-mineral additives. The experimental groups were fed on a cereal mixture with an admixture of 20 % PVM. Their daily weight gain was 12,8–13,6 % higher than that of the control group, fed on pure cereal mixture, containing no additives. The daily weight gain of the experimental group was 706 g for the period of 3 months. While that for the control groups averaged at 536 g. It took 31 days longer for the control group pigs to reach the weight of 90 kg, every kilogram of weight gain requiring 4,94 feed units, while the average for the experimental group was just 3,0 units, the cost averaging at 1,98 and 1,71 litas respectively, i. e. 0,27 litas lower for the experimental group.

Keywords: gilt, cross-breed, balanced ration, daily weight gain, feed consumption, protein-vitamin additive.