

## Influence of naked oats and enzymatic preparation on fattening results and postslaughter value of pigs

### S u m m a r y

The aim of the experiment was to estimate the influence of mixtures containing naked oats with or without enzymatic preparation on fattening results and postslaughter value. Sixty fatteners Polish Large White x Puławska were divided to 3 equal-number groups: control (I) and two experimental (II and III). Pigs of the control group were fed with mixtures on the basis of wheat and barley (Grower) and barley (Finisher). To mixtures for experimental groups 30% naked oat was introduced to replace wheat (Grower) or the part of barley (Finisher). The mixtures for III group were supplemented by enzymatic preparation, which contained  $\beta$ -glucanase, pectinase and hemicelulase. We showed that use of naked oats in place of wheat or barley decreased by 8% ( $P \leq 0.01$ ) average daily gain and increased feed conversion in comparison to the control group of fatteners. The addition of enzymatic preparation into mixtures containing naked oats (III group) resulted in the increase of daily gains in the first period of fattening (approx. by 3,5%;  $P \leq 0.01$ ) and the decrease by 6% nutrients conversion per 1 kg of gain in compare to fatteners fed with mixtures without enzyme. It was found that 30% share of naked oats in the mixtures had positive influence on: dressing percentage, meatiness and loin eye area, but addition of enzymatic preparation slightly decreased some post-slaughter indicators.