

## Effect of different feeding of meat-type turkeys on the selected production results

### S u m m a r y

In the experiment, conducted with 200 Big 6 turkeys, the effect of replacing two grower mixtures, containing 22.8 and 18.5% of total protein and applied from 10 week of life till the end of rearing period, with one mixture with 20.1% total protein on the results of rearing, was studied. The turkeys fed one mixture with the mean content of protein obtained higher final body weight. Toms occurred to be more sensitive ( $P \leq 0.05$ ) to differentiated feeding, especially between 12 and 15 week of rearing. The experimental mixture with the mean protein content was better converted than the mixtures with 22.8 and 18.5% of this component. The application of the mixture with one protein level did not have any significant effect on dressing percentage of turkeys but it increased the thigh weight of the birds of both genders, weight of breast muscle of female turkeys and of the second thigh of male turkeys. It also improved the effectiveness of the whole rearing, expressed as European Productive Index (EPI). In the group, fed two grower mixtures, EPI value was equal to 441 for male turkeys and 329 for female turkeys. On the other hand, in the group which received one mixture, EPI value amounted to 470 and 348, respectively.