

The use of selenium supplements in feed mixtures for fattening pigs – production results, carcass quality and meat quality

Summary

Selenium is an essential element for the proper functioning of mammalian organisms. In many regions of the world, selenium is deficient in the human diet, which is the cause of many diseases. Meat products can be a good source of selenium in the human diet, and pork is traditionally consumed in Poland. Enriching pig feed with selenium can increase its content in pork. The study showed that supplementing the diet of young pigs with various forms of Se in amounts up to 0.5 mg/kg does not decrease fattening parameters or carcass quality. The addition of an organic form of Se had a more favourable effect than inorganic Se on Se concentration in organs and tissues and on the quality of the pork.

KEY WORDS: fatteners, selenium, different forms, meat quality