Nutrition and Feeding

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Effect of organic zinc on carcass and meat quality

Introduction

The use of organic zinc in nutrition has been a subject of recent research, with studies indicating its potential benefits in improving meat quality. This study aimed to investigate the effects of organic zinc supplementation on carcass characteristics and meat quality in growing finishing pigs.

Materials and Methods

A total of 90 growing finishing pigs were divided into three groups, with each group receiving a different level of organic zinc supplementation: control (0 mg/kg), low (50 mg/kg), and high (100 mg/kg). The pigs were fed a standard diet for eight weeks, and carcass characteristics and meat quality were measured.

Results

The results showed that organic zinc supplementation significantly improved the carcass yield and improved the meat quality. The high supplementation level resulted in the best carcass performance and meat quality.

Conclusion

Organic zinc supplementation can be an effective strategy to improve the carcass yield and meat quality in growing finishing pigs.

Keywords: Organic zinc, Carcass characteristics, Meat quality

References


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