
Effects of adding rice bran and antioxidant in feed on production performance and meat quality of fattening pigs

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Abstract: The impact of adding rice bran and different antioxidants in feed on the growth performance and meat quality of fattening pigs was researched; the pigs were fed with 4 kinds of feed respectively: “corn-soybean meal type feed” for group I, “15% rice bran feed” for group II, “15% rice bran feed + 200mg/kg VE” for group III and “15% rice bran feed + 200mg/kg PerBP” for group IV, the test pigs were slaughtered when they were 80kg. The results showed that in average daily gain, group II was extremely lower than groups I and IV and group III was obviously lower than group IV. In feed-meat ratio, group II was extremely higher than group III, IV and obviously higher than groups I. In muscle tenderness, groups I and III were extremely higher than group II and extremely lower than group IV, In fat content in muscle group II was obviously higher than groups III and IV.

Key words: rice bran; antioxidant; fattening pig; production performance; meat quality