

EFFECTS OF DIFFERENT GROWTH-PROMOTING AND ANTIBACTERIAL ADDITIVES IN THE FEEDING OF NEWLY WEANED PIGS

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ABSTRACT

One hundred and twenty Yorkshire x Landrace newly weaned pigs, both female and castrated males, weighing an average of $6 \pm 0,5$ kg, were used in this trial. The animals were kept in a typical production unit, stalled in cement floor sties.

The pigs were allotted to 3 treatments at the rate of 40 each and fed a cereal concentrate to which 426 g of Bayo-N-ox (Olanquidox) were added. A second group was fed the cereal concentrate plus 115 g/ton of nitrofurazolidone and 39,2 g/ton of oxytetracycline, while the third received the same concentrate without additives.

The experimental stage elapsed between the 33rd and 61st days of age.

The indicators assessed were: weight gain (g), feed conversion rate (kg DM/kg LW), incidence of diarrhea and mortality (%).

The following values were obtained for the above indicators: 231; 2,5; 50 and 12,5 (for the control group); 296; 2,0; 10 and 5,0 (for the group treated with Bayo-n-ox), and 23,2; 2,6; 20 and 7,5 (third treatment).