

## **USING HERBAL PREPARATION SUBSTITE FOR ANTIBIOTIC IN PIG FEED**

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### **Summary**

Sixty-three crossbred LY pigs at 21 days of age were divided into three treatment groups: DC+ (positive control group - fed a diet containing 20 mg / kg colistin sulphate); DC- (negative control group – fed a basal diet) and TN (fed a diet containing 0.3% herbal preparation), for 8 weeks. The results showed that using herbal preparation supplementation in the diet significantly influenced the growth performance and disease incidence rate of pigs: growth rate increased 11.06%, absolute growth increased 19.83%, feed conversion ratio increased by 18.5% compared with control; Symptoms of cough and diarrhea decreased by more than 60%; The physiological parameters, blood biochemistry of pigs were normal but red blood cells increased 4.4%; blood urea decreased 1.21 times, GPT increased 1.26 times, creatinine increased 1.02 times compared with control.

**Keywords:** *Herbal preparations, infection, pigs, antibiotics, growth.*