

The Effect of PerZINCO S to Replace Ordinary Zinc Oxide on Production Performance of Weaned piglets

Jiang Xiaofeng, Dai Haiyong, Liu Yali

Abstract: 100 Duroc × Landrace × Yorkshire crossbred weaning piglets were selected for this trial. (Average weight is about 11.368 kg). There were two treatments available (gender is not limited, $P>0.05$), each treatment has five pens (a pen was one replicate), each pen had ten piglets. The initial average weight was closer for both treatments. group I was the control group (basic diets + 2kg/t ordinary zinc oxide), group II was test group (basic diets +2kg/t PerZINCO S). Test period was 11d. Test results show that the average feed intake of test group is 15.73% higher than that of control group significantly; the average daily gain of test group is 32.35% higher than that of control group; FCR in test group is decreased by 0.252, compared with the control group; the diarrhea rate of test group is 11.83% lower than that of control group, and the diarrhea index of test group is 1.95 lower than that of control group. So 2kg/t PerZINCO S has a better effect on anti-diarrhea, and can get diarrhea under control, which conforms to No. 2625 regulation issued by Agricultural Ministry. In addition, 2kg/t PerZINCO S has no effect on palatability.

Key words: PerZINCO S, Ordinary zinc oxide, Weaned piglets, Growth performance