

Effects of PerPremix SNR(rice oil) Replacing Soybean Oil on Growth Performance and Nutrient Digestibility in Weaned Piglets

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Abstract: The effects of PerPremix SNR(rice oil) replacing soybean oil on growth performance and nutrient digestibility in weaned piglets were studied. A total of 100 weaned D×L×Y piglets initially weighed 8 kg, were divided into two treatments with 5 replicates of 10 piglets per replicate. The pigs were fed basal diet supplemented soybean oil(1.5%)and chyle fat(3%)respectively for a 28d experimental period. The results showed that average daily gain(ADG)was increased($P<0.05$), F / G and diarrhoea rate was significantly decreased($P<0.05$) for piglets fed with diet containing PerPremix SNR(rice oil), also increased significantly the digestibilities of crude fat($P<0.05$). These results indicated that PerPremix SNR(rice oil) could completely replace soybean oil and improve the growth performance and nutrient digestibility of weaned piglets.

Key words: PerPremix SNR(rice oil); soybean oil; growth performance; nutrient digestibility; weaned piglets