

Effects of PerC P50 or PerMicro BS on the Production Performance of Layers at the Peak Period of Egg Laying and Egg Quality

Jiang Xiaofeng, Dai Haiyong, Liu Yali

(Hunan Perfly Biotech Co., Ltd., Changsha, China)

Abstract: This experiment studied on the effects of PerC P50 or PerMicro BS on the production performance of layers at the peak period of egg laying and egg quality. 6582 feather 247-day-old Hyland Brown layers were selected for this trial. They were healthy and egg laying was even, with similar laying rate. They were randomly divided into five treatments; each treatment has three replicates. Group I was control group. Group II: 200g/t PerC P50 were added into the basal diets; group III: 200 g/t PerC P50 and 200 g/t PerMicro BS (the number of effective spores is 2×10^{10} cfu/g) were added into the basal diets; group IV: 500 g/t PerC P50 were added into the basal diets; group V: 500 g/t PerMicro BS (the number of effective spores is 5×10^9 cfu/g) were added into the basal diets. The results showed that PerC P50 or PerMicro BS can improve the intestinal healthy of layers to decrease watery feces. PerC P50 or PerMicro BS also has a tendency to increase yolk color and can improve the consistency and quality of egg white. In addition, 200 g/t PerC P50 + 200 g/t PerMicro BS can make the laying rate increased by 2.05%, egg weight increased by 0.76g/each, F/E decreased by 3%. 500 g/t PerMicro BS (the number of effective spores is 5×10^9 cfu/g) can make laying rate increased by 1.73 percentage point, egg weight increased by 0.34g/each, F/E decreased by 1%.

Key Words: PerC P50, PerMicro BS, Production Performance, Layer