

畜牧兽医科学

分娩体重对泌乳期母猪体况变化影响的研究

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摘要:

本试验拟考察分娩体重对母猪在泌乳期内体况变化和采食量的影响。试验采用单因子设计, 选择健康的经产约克夏母猪35头, 按分娩体重(190—250kg)依次分到7个处理中, 进行饲养试验。结果表明, 随着体重的增加, 母猪泌乳期总采食量也呈不断增加的趋势, 呈一定的剂量—效应关系。就体重损失而言, 240kg与250kg处理组的母猪体重损失显著大于200kg组的母猪($p < 0.05$); 200kg组($p = 0.1$)和220kg组($p < 0.05$)也不同程度地优于190kg组。至于采食量, 结果表明, 250kg组($p < 0.05$)不仅和240kg组($p < 0.1$)母猪不仅在采食量上超过210kg组, 高于200kg组($p < 0.1$), 极显著超过190kg组(p

关键词: 采食量 背膘厚 泌乳母猪

Study On The Effect of Different Puerperal Weight on the Back Fat Thickness of Lactating Sows

Abstract:

This experiment was conducted to investigate the effect of different puerperal weights on the back fat thickness of lactating sows. The treatments were designed in a single factorial arrangement. Thirty five sows were randomly allocated to seven treatments with eight replicates in each group and one sow in each replicate according to single factor design. The result indicated that the feed intake of lactating sows increased with the body weight became big and big, which showed some dose-response relationship. As for the weight loss, the result showed that the weight loss in 240kg and 250kg treatments were significantly higher than that in 200kg group ($p < 0.05$), which the weight loss in 200kg treat group ($p = 0.1$) and 220kg group ($p < 0.05$) obviously exceeded the 190kg group. At the same while, the feed intake in 250kg group clearly surpassed that in 210kg group ($p < 0.05$), 190kg group ($p < 0.01$) and 200kg group ($p < 0.10$). Similarly, the feed intake in 240kg group was higher than that of 210kg group ($p < 0.1$), too. The result showed that there was close relationship between body weight and changes of feed intake of sows in lactating phase. In addition, the effect of the delivery weight on the weight loss and feed intake was mainly showed in the whole lactating phase.

Keywords: feed intake back fat thickness lactating sows

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