

意大利黑麦草饲喂奶牛效果

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摘要:

试验对采用冬闲水田生产的意大利黑麦草*Lolium multiflorum*饲养奶牛效果进行研究。通过23 d (5 d预试期+18 d正试期)的奶牛饲喂试验,发现采用部分或者全部黑麦草代替野生杂草作为奶牛的青饲料均能够不同程度地提高奶牛的日产奶量,延长奶牛的泌乳高峰期,并提高牛奶中蛋白质的含量,试验还证明了黑麦草提高牛奶乳蛋白的作用在奶牛泌乳高峰期与下降阶段同样成立。通过经济效益估算,全部以黑麦草代替野生杂草作为奶牛青饲料,增收达到每天6.0元/头,经济效益显著。

关键词: 意大利黑麦草; 奶牛; 草田轮作系统

The Effects of Feeding Cows with Italian Ryegrass

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Abstract:

Effects of feeding cows with Italian ryegrass was investigated in this paper. Italian ryegrass was grown in winter fallow paddy field. The 23 days cow feeding experiment (5 days pretest and 18 days formal test) showed that replacing all or part of wild weeds with Italian ryegrass as the green fodder could improve milk production, prolong crest time of lactation and increase the milk protein content. The experiment also proved Italian ryegrass can increase the rate of milk protein at the peak and the decline of cow-milking. By economic returns estimation, replacing all the wild weeds with Italian ryegrass as green fodder could make a profit of 6 RMB per cow per day. The economic returns are notable.

Keywords: Italian ryegrass (*Lolium multiflorum*) cow crop pasture rotation system

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