

研究简报

不同刈割时期对紫花苜蓿干草调制的影响

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摘要:

对不同刈割时期的紫花苜蓿干草品质的研究表明:盛花期刈割的苜蓿干燥速度快于初花期和结荚期,晾晒28h以上即可成功调制优质干草,初花期和结荚期刈割的苜蓿成功调制干草需要晾晒32h;调制干草的适宜含水量是20%左右;初花期苜蓿叶的蛋白质含量是茎的2.41—2.95倍,苜蓿干草的叶量是决定苜蓿品质的主要因素;不同刈割时期调制的苜蓿干草茎叶比差异较大,结荚期明显高于盛花期和初花期,是初花期的5—7倍。在初花期刈割,调制干草中茎叶比变化较小,叶损失少,可获得高质量的干草。

关键词: 紫花苜蓿 刈割时期 干草调制 晾晒时间

Effect of Different Mowing Period on Alfalfa Hay Modulation

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Abstract:

The quality of alfalfa hay from different mowing period was studied. The results show that the drying speed of alfalfa mowed during full flowering stage is faster than that mowed during initial flowering stage and pod-filling stage. For hay modulation, it takes 28 h to dry after mowing during full flowering stage, but 32 h to dry after mowing during initial flowering stage or pod-filling stage. The proper water content of hay is 20%. The protein content of alfalfa leaves in initial flowering stage is 1.38 - 1.95 times higher than that of stem, so leaves weight in alfalfa hay is a key factor to hay quality. Stem/leaf ratio of the hay mowed during different stage showed big differences. Stem/leaf ratio of the hay mowed during pod-filling stage is significantly higher than that mowed during full flowering stage and about 5-7 times higher than that mowed during initial flowering stage. The alfalfa mowed during initial flowering stage with little change in stem/leaf ratio and leaves weight is suitable for gaining high quality hay modulation.

Keywords: alfalfa mowing period hay modulation drying time

收稿日期 2008-02-29 修回日期 2008-06-29 网络版发布日期

DOI:

基金项目:

公益性行业(农业)科研专项经费项目(nyhyzx07-022),“十一五”国家科技支撑项目(2006BAD16803,2006BAD04A04)和农业部948项目(2006-G38)资助。

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