

后生物生产层

不同的粗饲料搭配对TMR饲料发酵品质的影响

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摘要:

利用玉米Zea mays秸秆(对照)、玉米秸秆+沙打旺Astragalus adsurgens+紫花苜蓿Medicago sativa、玉米秸秆+无芒雀麦Bromus inermis+垂穗披碱草Elymus nutans、玉米秸秆+华北驼绒藜Ceratoide... 结果表明, 各粗饲料搭配组与对照组相比均能显著降低TMR发酵饲料的pH值、中性洗涤纤维, 且显著增加粗蛋白含量, 钙、磷含量变化则不明显, 不同粗饲料搭配而成的TMR饲料均改善了发酵品质, 获得了优良的TMR发酵饲料。

关键词: 粗饲料; 搭配; TMR; 饲料; 发酵品质

Effect of various roughage compositions on the fermentation quality of total mixed ration (TMR)

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Abstract:

Seven kinds of total mixed ration (TMR) feeds were prepared with corn stalks (control), corn stalks + Astragalus adsurgens + alfalfa, corn stalks + Bromus inermis + Elymus nutan, corn stalks + Ceratoides arborescens + Lespedeza hedysaroides, corn stalks + alfalfa + Elymus nutans, corn stalks + alfalfa + Ceratoides arborescens, or corn stalks + Bromus inermis + Ceratoides arborescens. In each cornbread, oil cake of flax seed, bran and Efficient multi dimensional calcium phosphate bone meal were added into. The result indicates pH value and the content of NDF in all of roughage decreased significantly, content of CP increased, and content of Ca and P varied little. In conclusion, fermentation quality of TMR made from these various roughages has been improved.

Keywords: roughage compositions TMR feed fermentation quality

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