



## Potential implications of this kind of management

The challenge facing graziers is to increase the efficiency of nutrients harvested by cattle, as well as to improve pasture production. Several works demonstrate that cattle trampling reduce pasture production, mainly because of physical plant injuries, soil compaction and reduction in fertilizer and water movement in the soil. Plants on compacted soils develop more roots at shallower depths and become susceptible to dry weather. Consequently, if fasting prior to afternoon pasture allocations enables producers to reduce residence time on pasture, future herbage production of such pasture would improve. Moreover, previous works of Gregorini at University of Arkansas have shown that 'hunger' reduce selectivity and increase the efficiency of pasture utilization. In conclusion, short and intensive grazing sessions during the evening seem to be enough...



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