

Summary

Hay production of *Panicum maximum* IZ-1, cut at four different ages (51, 65, 79, and 93 days of growth) was evaluated at the Instituto de Zootecnia in Nova Odessa

(São Paulo, Brazil). A randomized block experimental design was used with 5 replications. Dry matter yield/ha, protein content, NDF, and stem/leaf ratio were evaluated. The water loss curve was also established. Dry matter production ranged from 3,484 to 7,716 kg/ha; crude protein from 8.83 to 4.65; NDF from 83.7 to 87.1; and water loss presented a linear curve depending on period of exposure ($Y = 76.6240 - 4.4220X$, $r^2 = 0.9825$).