

Summary

In the Zona Henequenera, Yucatán, Mexico (21° 06' N, 89° 27' W, pH 7.5, 7 ppm of P), several trials were conducted on management practices for *Andropogon gayanus*.

In a trial to determine the best planting period, it was found that *A. gayanus* can be planted in

the dry season (April and May) without affecting its development. In addition, it was found that this grass is a good alternative for recuperating degraded pastures of *Cenchrus ciliaris* in the area, when it is planted with minimum tillage via the local application of glyphosate mixed with 2,4-D ester or picloram.

A third trial determined the persistence of *A. gayanus* managed with stocking rates of 0.5, 0.75, and 1 animals/ha in the dry season, and double these rates in the rainy season. It was found that DM availability of the grass varied, on the average, between 5 t/ha in the dry season and 6.1 t/ha in the rainy season, and that the variable stocking rates used did not affect the persistence of the grass.