

## Mixed Grazing of Cattle and Sheep

*Logan, J., and Jennings, P. (1995)*

### **[Abstract]**

An experiment to evaluate mixed species stocking (cattle and sheep) on tropical pastures was conducted at the Grove Place Agricultural Station to determine animal performance and grassland productivity.

This experiment involved two groups of animals,  $T_0$  with eight Jamaica Red Poll bulls and  $T_1$ , with six Jamaica Red Poll bulls and fifteen weaned lambs grazing *Brachiaria decumbens* pastures. Each group rotationally grazed eight paddocks of 0.2 ha, the aim being to maintain a stocking rate of five animals/ha. Fertilizer application was at the rate of 126 units and 90 units of N and  $K_2O$  respectively.

Results indicate a 48% higher liveweight gain/hectare for the  $T_1$  treatment. Intake as estimated by difference (pre- and post- grazing measurements) was 33% higher for the  $T_1$  treatment.

Average height of stubble after grazing for  $T_0$  and  $T_1$  was 14.3cm and 12.1cm respectively.