

# Summary

The potential of *Leucaena leucocephala* cv. Peru (Leucaena) was evaluated at different planting densities and ages for cutting in southern Minas Gerais, Brazil (21° 14' S latitude and 45° 00' W longitude). The trial was carried out between October 1990 and November 1992, using a randomized complete block design, arranged in a 3 x 3 factorial with three replicates. Treatments consisted of three planting densities (40, 60,

and 80 seeds/m) and three ages for cutting (70, 84, and 98 days of regrowth). Plants were spaced at 0.80 m in plots of 5 m x 4 m, the useful plot being formed by the three central rows. Results showed that the leucaena was taller (1.40 m) when planted at 80 seeds/m and DM production was also higher (2.02 t/ha) at this planting density and cuttings at 98-day intervals.