

Summary

Seventeen accessions of the forage legume *Desmodium ovalifolium* were evaluated in the Bragantina region (1° 4' S and 46° 46' W) in the State of Pará, Brazil, in a Yellow Latosol (Oxisol), from August 1989 to December 1989. The soil was fertilized with 30 kg/ha of P and 40 kg/ha of K, during the planting. Monthly evaluation of soil covered and seed production were made.

Desmodium ovalifolium CIAT 3780, 3778 and 3673 yielded the most seed, and *D. ovalifolium* CIAT 3673, 350, 3674 and 3781 were the accessions that best covered the soil.