

# Summary

Seventy-two accessions of the herbaceous legumes: *Centrosema acutifolium* (8) , *Desmodium ovalifolium* (39) and *Pueraria phaseoloides* (25) were evaluated during 33 months at Paragominas (3° 05' S, 47° 21' W) in the eastern Brazilian Amazonia. A cluster analysis performed on each species showed that

there were marked differences among accessions based on their degree of adaptation—an integrated measure of susceptibility to diseases and insects, recovery from simulated herbivorous consumption, soil cover, and potential for dry matter production. The accessions that performed best, which are recommended for further agronomic evaluation, were *C. acutifolium* CIAT 15086, *D. ovalifolium* CIAT 13097, 13089, 13400, 13105, 13129, 3666, and 13125, and *P. phaseoloides* CIAT 8352, 9188, 17321, 17291, 17297, 829, 17433, 17323, and 17305.