

Summary

Arachis pintoii is a promising legume that was selected by the Centro Internacional de Agricultura Tropical (CIAT) in 1979. It was evaluated in Paragominas (3° 05' S, 47° 21' W), Brazil, for its number of flowers, percentage of seed, and seed production over 6 months (March to August). Differences ($P < 0.05$) were observed for all treatments. With decreasing rainfall, the number of flowers dropped but the percentage of seed increased. Seed production showed little

variability, the average being 936.98 kg/ha. Results showed that seed can be produced in the Paragominas Region in the period studied.