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EFFECTS OF SOURCES AND RATES OF N, P, K, SUPPLY ON GROWTH OF PARKIA BIGLOBOSA (JACQ.) BENTH SEEDLINGS IN THE SEMI-ARID ZONE.

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ABSTRACT

Three parallel experiments were conducted to investigate the effects of various sources and rates of supply of nitrogen, phosphorus and potassium on growth of seedlings of Parkia biglobosa. Seedlings responded best to sources of potassium and least to sources of nitrogen. In all the sources, with the exception of Urea, increasing rates of supply increased seedling height, collar diameter, leafiness and total dry matter. Generally growth responses were better in seedlings grown on organic manure than those on inorganic fertilizers. Among the organic manures used, sheep manure produced seedlings with highest dry matter yield

Keyword