

Title Influence of harvest times of sweet potato cultivars in dryland conditions.
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Abstract

A field experiment was conducted from November 1990 to June 1991, in Porteirinha, Minas Gerais, Brazil, to evaluate the effect of harvesting date (at 150 and 200 days after planting) on the yield of 5 sweet potato cultivars (Brazlandia Branca, Brazlandia Rosada, Brazlandia Roxa, Princesa and Paulistinha) under dryland conditions. Paulistinha gave the highest yields (18.28 and 45.12 t/ha) for harvests at 150 and 200 days after planting, respectively. Brazlandia Roxada gave the highest non-commercial yields (6.81 and 11.38 t/ha for harvests at 150 and 200 days after planting, respectively). Mean root weight varied from 123.62 to 433.82 g between cultivars. The results suggest that Paulistinha, Brazlandia Rosada and Brazlandia Branca be harvested at 150 days after transplanting, and Brazlandia Roxa at 200 days after planting. Due to the lower percentage of big roots, it is suggested that the cultivar Princesa can be harvested at 150 days after planting, but this can be extended up to 200 days afterplanting.