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Effect of Moisture Regime on Early Morphological Characteristic of *Acacia Nilotica* (L) Wild Ex Del and *Azadirachta Indica* A. Juss Seedlings

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ABSTRACT

Potted seedlings of *Acacia nilotica* L. Willd ex Del and *Azadirachta indica* A. Juss were subjected to varying quantities and frequencies of moisture application for a period of fourteen weeks. Seedling total height, collar diameter and total dry weights were evaluated and found to be influenced by soil moisture regime. In both species, early morphological growth responses were highest when watering to pot capacity was at three days interval. *Acacia nilotica* seedlings responded more favourably to moisture stress situations morphologically, but *Azadirachta indica* seedlings tolerated higher moisture stress levels.

Keyword