

**REGULATION OF *IN-VITRO* SHOOT MULTIPLICATION OF
DATE PALM (*PHOENIX DACTYLIFERA* L.) BY DIFFERENT
CARBON SOURCE**

A.A. Al-Khateeb

**Date Palm Research Center, King Faisal University, P.O. Box 400,
Al-Hassa 31982, Kingdom of Saudi Arabia.**

The influence of the carbon sources, sucrose, glucose, fructose and maltose on *In-vitro* shoot multiplication of date palm cv 'Khanize' were compared on multiplication media supplied with 0, 30, 60, 90 and 120 g/l of each carbon source. A concentration of 30 and 60 g/l of each source was optimal for quantitative shoot growth. Sucrose and glucose favored a similar rate of proliferation. A concentration of 90 and 120 g/l produced abnormal growth of each source.