

**EFFECT OF SOIL SALINITY ON SOME PHYSICAL AND CHEMICAL
PARAMETERS OF LEMON (*Citrus limon* Burm) FRUITS .**

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ABSTRACT

during the growing 'This study was conducted in an orchard at Baquba City \ Diyala Province season 2002 -2003 to determine the effect of soil salinity level on some physical and chemical characters of Lemon fruits (Mahali) cultivar, 16 years old budded on Sour Orange rootstock grown under date – palm trees. Trees were selected from three sites with different salinity levels (1.67, 3.11, and 6.42 ds.m⁻¹ respectively) . The study showed that fruit and juice mean weight decreased significantly with increasing of soil salinity. While this salinity caused an increase in fruits total soluble solids , and fruits total acidity , while it was not so for fruits juice percentage .