

# EFFECT OF INOCUATION *Trichoderma spp* AND ORGANIC FERTILIZER HUMIC ACID AND SEAWEED EXTRACT APPLICATION ON CITRUS ROOT STOCK GROWTH.

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## ABSTRACT

This study was carried out at Baquba nursery/ Diyala governorate during the period 5/3 - 15/10/2012 on three citrus rootstocks ( Cleopatra Mandarin , Swingle Citrumelo and Volkameriana Lemon . R.C.B.D was used with three replication ( 3 seedlings per experimental unit ). The result showed : Individual application of Humic acid caused a significant increase in most vegetative growth characteristics ( main stem length , stem circumference , Leaf area , dry weight vegetative system and root system . Soil application of *Trichoderma spp*, Seaweed extract and humic acid single and dual caused a significant increase in all of vegetative growth characteristics. Volkameriana Lemon rootstock showed a superiority over the rest rootstocks in growth characteristics .

**Keyword:** The rootstocks ( Cleopatra Mandarian , Swingle Citrumelo , Volkameriana

Lemon ) *Trichoderma spp* , Humic acid , Seaweed Extract .

