



Arab Univ.  
J. Agric. Sci.,  
Ain Shams Univ.,  
Cairo, 15(1), 29-38, 2007

## EFFECT OF BALANCE BETWEEN ORGANIC AND MINERAL FERTILIZERS ON MORPHOLOGICAL AND PREDICTIVE CHARACTERISTICS OF POTATO

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**Keywords:** Mineral Fertilizers, Organic fertilizer, Compost, Potato Productivity

### ABSTRACT

The aim of this research is to investigate the influence of balance between organic and mineral fertilizers on morphological and predictive characteristics of potato for two seasons, through the application of averages: (25 – 50 – 75 and 100) Ton / Hectare from compost of wheat and peanut which mixed successively with the percentage

from mineral typical fertilizers (75 – 50 – 25 – 0 %). The results showed the distinguished effect of mineral fertilizer on morphological and productive characteristics of tubers in comparison with mixed or single organic fertilizer. The results showed also the positive effect of increasing the percentage organic manure or its single use in the soil on the examined variables. However, the specific effect of organic fertilizer varied, so the compost of wheat produced an increase of examined variables. This divergence of results was agreed with certain modifications of soil variables.

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(Received November 14, 2006)

(Accepted December 9, 2006)

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تحکیم: أ.د. ممدوح فوزی عبد الله