

**EFFECT OF FOLIAR SPRAY OF PHOSPHORUS AND POTASSIUM
FERTILIZERS ON GROWTH AND YIELD OF TOMATO CV. "WEGDAN"
IN PLASTIC HOUSES .**

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The experiment was conducted during the season 2009/ 2010 to investigate the effect of spray with three kinds of foliar fertilizers ,first : contains high phosphorus grade 40 , second : contain high Potassium grade 32 , third : equalized grade (9-9-6) .All these kinds were sprayed at three and six times as well as control .

The results showed significant effect of foliar spray of fertilizers as compared with control treatment and there was an increase in total flowers, unsalted fruits, fruit number / plant, fruit yield / plant and total soluble solids percentage . The data showed non significant effect between treatments on number of flowers clusters and hardening of fruits , and also non significant between high phosphor and high potassium treatments but there was an increase in values of most of characteristic studied in equilibrated fertilizer treatment (9-9-6) N:P:K as compare with spray treatments .