



Effect of Foliar Spraying with Liquid Organic Fertilizer, some Micronutrients, and Gibberellins on Leaf Mineral Content, Fruit Set, Yield, and Fruit Quality of "Hollywood" Plum Trees

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GRIN Verlag GmbH Jun 2015, 2015. Taschenbuch. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Neuware - Research paper from the year 2010 in the subject Agrarian Studies, , language: English, abstract: This investigation was carried out during 2007 and 2008 growing seasons on 'Hollywood' plum trees, grown in loamy clay soil condition at Sendyon village, Kalubia governorate, Egypt; Aiming to study the effect of foliar sprays with Aminofert (20% Amino acids, 12% organic acids, and 3.6% chelated micro-elements), gibberellins, and a mixture of chelated (Fe, Zn, and Mn) alone or in combination (GA3 + Aminofert or GA3 + a mixture of chelated 'Fe, Zn, and Mn') on fruit set, yield, fruit quality, and leaf mineral content. Treatments increased significantly fruit set, yield as weight; or number of fruits/tree, as well as, fruit characteristics (Firmness, TSS, Flesh thickness, and Acidity) were improved under all treatments as compared to the control. Gibberellins or Aminofert alone or in combination (GA3 + Aminofert or GA3 + a mixture of chelated 'Fe, Zn, and Mn') applied to foliage caused a pronounced increase in leaf N, and K content; while Leaf P content decreased in both experimental seasons. As...

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