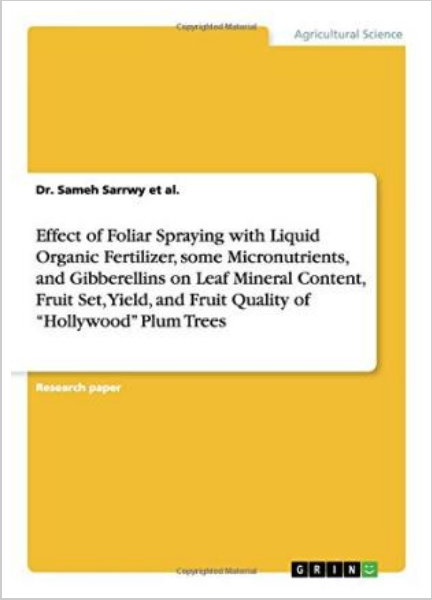



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# Effect of Foliar Spraying with Liquid Organic Fertilizer, some Micronutrients, and Gibberellins on Leaf Mineral Content, Fruit Set, Yield, and Fruit Quality of "Hollywood" Plum Trees

By Dr. Sameh Sarrwy et al.

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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