Effect of NAA on physiology of growth and ripening of date palm fruits (Phoenix dactylifera L) cv. Barhi.

اضية أحمد طعين
قسم البتانة والتخييل / كلية الزراعة - جامعة البصرة – العراق

Summary

This investigation was carried out to study the effect of NAA (0, 50, 100) ppm in physiology of growth and ripening of Barhi date fruits. The treatment of fruits with concentration of (100 ppm) led to increase fresh weight of fruit and size, total soluble solids and total and reducing sugars. NAA also increase respiration rate, ethylene production and vit. C, reduce total acidity and fatty compounds in treated fruits as compared with control.