

# **Effect Of Spray With Abscicic Acid (ABA) In The Production Of Secondary Metabolites From Leaves Of *Catharanthus Roseus L. D.Gon Class Pacifica Mix***

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## **ABSTRACT**

This experiment Was conducted in the College of Agriculture-University of Diyala during 2015 growth season to explain the effected of spray of ABA concentrations (0,5,10) mg.l<sup>-1</sup> in the production Secondary Metabolites the results showed that Spraying plants with concentration 10 mg. l<sup>-1</sup> ABA gave the highest composite value for Vindoline amounted 89.18 µg.ml<sup>-1</sup>. Also, Vinblastine , Vincristine and Catharanthine was higher when spraying plants with concentration 5 mg. l<sup>-1</sup> ABA amounted which gave 148.47, 99.78, 417.0 µg.ml<sup>-1</sup>, respectively

ABA · Secondary Metabolites· Key Word : Catharanthus roseus