

EFFECT OF THE IRRIGATION WATER SALT AND MAGNETIC AND SPRAY BY SOME OF THE MATERIALS THAT RESISTANTS OF THE ENVIRONMENT STRESS IN GROWTH AND YIELD OF *CUCUMIS Cucumis sativus L.* IN PROTECTED ENVIRONMENT.

A.A.Obaid*

H.S.Hamaad**

D.A.Mohammed***

* Horticulture Dept.-College of Agriculture.- Univ of Diyala . Obaid@Yahoo.com

** Horticulture Dept.-College of Agriculture.- Univ of Diyala . Drhsh57@Yahoo.com

*** Soil and Water Sciences- College of Agric.-Univ. of Diyala
.deiaaltamimi@Yahoo.com

ABSTRACT

The experiment was conducted in plastic house that appendage to the College of Agriculture /Diyala Univ. during the sipping season 2011-2012 on the Cv.Dalia to study effect of irrigation water salt and magnetics and spray by the Ascorbic acid and organic extractin OLIGO-X on growth and yield of cucumber with protected environment . The result showed that their moral decreased in growth and total yield of plants at the irrigation water that which have electric conduction 2.12 ds/m in comparison with non salt water (0.54 ds/m) . In addition , the result showed ,that the spray by Ascorbic acid was decreased from the negative effect of salt of the irrigation water by improvement of vegetables properties for the plant and appering the much of the total yield in comparison with spray by the water.

The spray by the organic extraction gives most yield by other than irrigation water ,in addition, not their any stander effect to water magnetics on vegetables properties and yield of plant as independent effect under the experiment condition .

Key words : Magnetic , Irrigation water salt , Ascorbic acid,organic extractin.