

# **TEST OF AFFECTIVITY OF HERBICIDES AND VARIETIES FOR REDUCING BROAD AND NARROW LEAF OF WEED IN BARLEY.**

**K. A . Hassan\***

**A.L. Abdul-Rahman\*\***

**\*Diyala University.**

**\*\*Extension Centre Diyala .**

## **ABSTRACT**

This experiment was conducted in 2004-2005 and 2005-2006 seasons in the experiments station of the foundation of Agriculture in Diyala, used Illoxan28 and Lantior70% herbicides and (12-9) and IBA 99 varieties to evaluate affectivity of herbicide and varieties on reducing weeds. Treatment were distributed with RCBD design with a factorial experiment. Results as followed:

The herbicide Illoxan28 exceeded Lantior70% in No. of spikes/m<sup>2</sup>, No. of grains in spike, (100grain) weight and biological product. The variety (12-9) exceeded IBA99 in most of characteristics studied. The interaction between Lantior70% × (12-9) variety give the highest product of grains yield. There are significant differences between factors and their interaction in number of grains per spike in 2005-2006 season.