عنوان مقاله:
EFFECT OF DIFFERENT UREA LEVELS ON YIELD AND YIELD COMPONENTS OF CORN

704

محل انتشار:
مجله بین المللی تحقیقات بیولوژی و پزشکی (سال:2)

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خلاصه مقاله:
According to urgent need of corn to nitrogen and since this element play a main role in improving of yield corn, thus, in order to investigate the effect of different levels of urea on yield and yield components of corn ٧٠٤, an experiment was conducted randomized block with three replications in cropping year of ٢٠١٠. Experimental treatments included six levels of urea (٠٢١, ٠٩, ٠٦, ٠٣, ٠ and ٠٥١ kg.ha-١). Test parameters include the number of grain rows, number of grains per row, the number of grains per ear, grain weight, grain yield, biological yield and harvest index. Resultsshowed that the effect of urea on the number of grain rows, number of grains per row, the numberof grains per ear, grain weight, grain yield, biological yield and harvest index were significant. The highest amount of yield and yield components of corn was in the treatment of ٠٥١ kg.ha-١ of urea and lower in the control plots, respectively. To achieve the highest yield and yield components of ٠٥١ kg.ha-١ in urea is recommended

کلمات کلیدی:
Urea, Grain yield, Harvest index, Biological yield

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