

EFFECT OF CULTURE DATE AND MULCHING IN GROWTH AND YIELD OF GARLIC (*Allium sativum* L.)

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ABSTRACT

A field experiment was conducted in College of Agriculture / Tikrit University during 2009 – 2010 season to study the effect of three dates (28 September , 12 October , 26 October 2010) and four colors from plastic mulching (control , colorless , yellow , black) , The experiment was factorial according to split plot design with three replication results showed that was significant increment vegetative growth and yield characters when used first date except the percentage of dry material of vegetative growth , there was non significant difference among the dates and the percentage of dry material for cloves , the difference was significant for the third date . For mulching , the black plastic had the significant increment for all vegetative growth and yield characters except the percentage of dry material of vegetative growth and cloves , the significant increment was for control , which the first date the significant increment , by using by black plastic , in all vegetative growth and yield characters except the percentage of dry material of vegetative growth and cloves , the significant increment was for the third date for control .