

## **EFFECT OF BUDDING DATE, ROOTSTOCK, AND SCION CULTIVAR AND BUDTAKE PERCENTAGE AND VEGETATIVE GROWTH CHARACTERISTICS OF PEAR ( *Pyrus communis L.* )**

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### **ABSTRACT**

An experiment was conduct in private nursery in Al Gra'aet location, Baghdad- Iraq, during 2009-2010 season to investigate the effect of budding date 15/8 , 30/8 and 15/9/2009 , rootstock *Pyrus calleryana* and *Cyndonia oblonga* and two pear cultivar (Al-Zoforania and Al-Osmani) on budtake percentage and seedling , vegetative growth characteristics .

Results showed that budding at 15<sup>th</sup> august give the highest percentage of budtake (88.25) compared with other dates. Budding both pear cultivar on *Pyrus calleryana* rootstock give significantly the higher percentage of budtake, Shoot length and diameter compared with *Cyndonia oblonga* where budding the tow pear cultivars on *Cyndonia oblonga* rootstock increased shoot number, leaf area per plant and carbohydrates percentage in shoots. scion cultivar had also significant effects on vegetative growths characteristics of seedling.