

# **EFFECT OF PLANT SPACING AND CULTIVARS ON GROWTH AND PRODUCTION OF PEA UNDER DRY LAND CONDITIONS**

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## **ABSTRACT**

Four Plant spacing (i.e. 10 , 12, 14 and 16) cm. between Plants and two pea cultivars i.e. Santi and Parafield under dry land conditions Ninevah on two growth seasons 2009/2010 and 2010-2011 . Results indicated that Plant spacing was affected significantly on number of days to 50% flowering, number of days to 90% maturation , first pod height, number of pods/plant , number of seeds/plant , weight of 100seeds, biological yield and , dry seed yield (economic yield) Kg/ha and harvest index in the two growing seasons . The second Plant spacing gave the highest dry seed yield (1323.74)kg/ha in the first growing season . Results indicated that Parafield cultivar gives the highest dry seed yield (1291.81)kg/ha in the first growing season .

**Key words :** Peas , Plant spacing , Cultivar.