

## **The Effects of Planting Date on the Yield and Yield Components of Corn (Zea mays L.) Cultivar, Single Cross 704**

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**Abstract :** The effects of planting date on performance and yield components of maize single cross 704 was carried out in 2003. this experiment was designed in randomized complete block pattern with 3 replications in the field of College campus of Agricultural Sciences and Natural Resources in Gorgan. Treatments consisted of four planting dates (May5, May19, June4 and June19) respectively. The results showed that the planting on June4 were the best time for planting date in the field of seed performance and many other measurement qualities while planting date on June19 had the lowest seed performance in corn, due to a severe reduction in seed numbers had the highest In 1000 seed weight. Between the planting date on May 5 and May19 were observed no significant differences

**Keywords :** corn, planting date, performance and yield components

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