

Impact of early planting dates on growth and yield of some okra cultivars grown in Riyadh region.

Abdulaziz R. Al-Harbi

Abstract

Effect of three planting dates (3rd February, 23rd February and 5th March) on the growth and yield of some okra cultivars (Clemson Spinless, Hala and Baby Finger) in Riyadh region was investigated over two seasons (1994 and 1995). Treatments were replicated four times and arranged in a split-plot in randomized complete block design. Results showed that plants sown on 5th of March grew taller and produced more leaves compared with plants sown earlier. In the first season, Plant shoot fresh and dry weight was significantly increased for the first planting date. No significant difference was observed in the early yield due to the planting dates and tested cultivars. The total yield expressed as pod number and weight / m² was increased for the plants grown on 5th of March but the difference insignificant except for the total pod yield in the second season (1995). No significant interaction was observed between planting dates and cultivars in terms of vegetative growth and yield. The results showed a significant and insignificant positive correlation between some pairs of vegetative and yield characters.