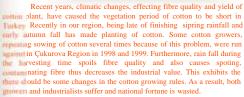
A Research of determination of effects on morphological, physiological and technological properties of cotton grown under plastic mulch in Çukurova region

Section 1

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Through applying this tecnique used in the world in our country, time will be pulled to a month earlier and by mulching, emerging of the too plant will be uniform perfectly and thus the crop will be

By this method, since planting and harvesting times are pulled to a most earlier, both employee of the region will be easier and it will be averaged in terms of the price because of the crop's going to the market a most earlier. Furthermore, this will be an advantage for the plant from the point of harmful insects and diseases.



Material:

In this study conducted under the conditions of Yüreğir Plain of Çukurova Region, standart cultuvar of the region, Çukurova-1518 and commercial pulmara. Deltapine 5409 were used

Memots:

The trial was carried out in the field of Çukuroca Agricultural Research limits Directorate. the research fields of Çukurova Agricultural Research located in Dogankent, Adana. The trials were conducted in split split of the general policy of the property of the property

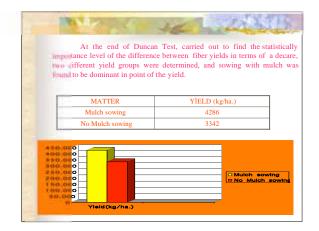


Cotton Yield (kg/ha.):

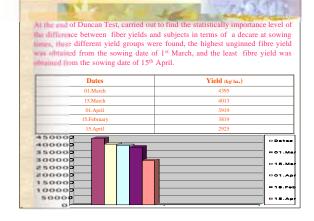
DET P

According to the variance analysis results, in terms of the cotton yield; while the difference betweens sowing with and without mulch, times of sowing and cotton yield were found statistically important, the differences between cultuvars in terms of sowing with mulch and time interaction, sowing time and cultuvars interaction, and sowing with mulch-time-cultuvars interactions were found not to be statistically important.



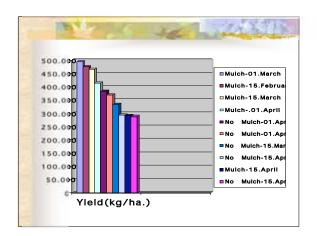








Day P









the end of the study, it was concluded that sowing with mulch effected the earlier time the sowing date.

If the same group, and 4944 kg/ha. 4753 kg/ha. ve 4674 kg/ha with mulch on the date of 15th February, 1th March and 15th March in the same group, and 4944 kg/ha. 4753 kg/ha. ve 4674 kg/ha with the same group, and 4944 kg/ha. 4753 kg/ha. ve 4674 kg/ha minor yields were obtained, also, on the dates of 13- 24. 08 the best result need with the rate of averagely 73 % at first hand picking.

If the trial, from the sowing without mulch on the generally same date 15th minor trial, from the sowing without mulch on the generally same date 15th minor trial, from the sowing without mulch only first hand harvest could be done as later (25.09).

At the end of economically analysis, according to the data of the years the ecost of mulching was 170 dolars /ha. This cost was equivalent to 260 kg/ha unginned fibre.



