

Final results evaluation application of different methods for rehabilitation of aged and uneconomic groves and selection the "Top Work" (grafting) method in north of Iran.

S.Nematollahi Sani.

Citrus Research Institute, Ramsar.

In order to achieve the most suitable method for rehabilitation of uneconomic and inferior quality citrus groves with using from primery evaluation results a complete randomized blouk design with 3 treatment:

A: Complete cutting on 10cm over budunion

B: Complete cutting the branches in 100 - 150 cm height in order to uncutting the main trunk

C: Eradication of uneconomic and inferior quality Trees and replace them with 3 aged Thomson Navel orange (*Citrus sinensis*) as a control.

In 10 replications with one tree for each treatment in Ramsar citrus research station has operated.

Statistic evaluation results shows that:

1. A and B treatments are compelete better than C in vegetative grow at 1% and 5% levels.
2. A treatment is better than B at 5% level and B treatment is better than C at 1% and 5% levels in fruit yield.