

## PERFORMANCE OF DIFFERENT CULTIVARS OF MANDARIN IN D.I.KHAN.

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### ABSTRACT

In order to find out the best cultivar of Mandarin, the varietal aspects of six cultivars grown in pomology section D.I.Khan were studied for two successive seasons in 1980 and 1981. It was observed that "Kinnow" was heavy yielding cultivar, good in quality. It has large size of fruit, thin rind with a higher percentage of sugar, acidity and vitamin C contents. In view of the above characteristics Kinnow is the suitable cultivar for this area.

### INTRODUCTION

Citrus fruits assume a special importance due to their being, rich in vitamin C contents (27-48 mg ms/100cc). Other vitamin found are B<sub>1</sub>, A & G. Beside, they are also rich source of different e.g. mineral matters (Calcium, Phosphorous and Iron). The Juice is very refreshing, delicious, and soothing.

Aside their consumption as fresh fruit a large numbers of products like squashes, syrups and marmalades are prepared from the citrus fruits. Citric acid is one of the most important by product made out of citrus juice. Lime and lemons are good source of citric acid.

The total fruit production in the country was 167.48 Million Kilograms in 1973-74. The production of citrus fruit, was 57.38 million kilograms which is 34.26 percent of the total fruit produced in the country (Agricultural statistics of Pakistan 1975).

The soil and climatic conditions of N.W.F.P. Province are congenial for the production of citrus fruits. The major citrucs growing areas are Peshawar, Malakand, Swat and parts of D.I.Khan