

## Adoption of recommended package of practices of kagzilime by the growers

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### ABSTRACT

About, seventy per cent and eighty five per cent area in India and Maharashtra comes under rainfed farming, respectively. It is an urgent need to exploit the new avenues to increase the production from rainfed areas by adopting modern technology. It is generally observed that only 30 to 40 per cent of modern technology is adopted by fruit growers. There is dearth of research studies on the aspect of adoption level of recommended package of practices of kagzilime. Majority of the respondents (44.16 per cent) adopted the advocated kagzilime cultivation practices to a medium extent. The characteristics like education, social participation, source of information, knowledge, socio-economic status, annual income, were positively and significantly related with adoption of kagzilime production technology.

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**Key words :** Recommended package adoption, Growers, Kagzilime

### INTRODUCTION

The contribution of various citrus fruits amongst all the horticultural crops is dominating on account of their deistic and healthful properties. Citrus fruits are the chief source of calcium, mineral salts, pectin, cellulose, vitamin A, B and excellent source of vitamin C, coupled with certain fruit sugars and salts which constitute important health promoting ingredients. Kagzilime is one of the important citrus species widely grown in India for various purposes. Now days it has gained importance as a common kitchen garden tree increasing rapidly due to successful horticulture development programme of Maharashtra Government.

It is generally observed that only 30 to 40 per cent of modern technology is adopted by fruit growers. As such, there always appears adoption gap between recommended technology by the scientists and its use at farmer's level. A number of studies on adoption of recommended package of practices of fruit crops and other citrus crops are available but there is a dearth of research studies on the aspect of adoption level of recommended practices of kagzilime. Thus, there is a need to analyse the extent of adoption of recommended practices of this crop by the growers.

### MATERIALS AND METHODS

The study was conducted in Shrigonda tehsil of Ahmednagar district as there is comparatively large area

under kagzilime cultivation. From this tehsil ten villages were selected by random sampling method and from each village 10 farmers were selected randomly. In all 100 respondents constituted the sample for the study. The data were collected with the help of structured schedule by personally interviewing the farmers. Frequency, percentages and coefficient of correlation were worked out for analysing and interpretation of data.

### RESULTS AND DISCUSSION

The experimental findings as influenced by different parameters are discussed below :

#### Adoption of recommended package of practices of kagzilime:

*Adoption level:*

It is evident from Table 1 that majority of kagzi lime growers about recommended cultivation practices of kagzi lime growers (44.16 per cent) had medium level of Adoption of recommended Kagzi lime cultivation technology. There were 30.84 per cent and 25.00 per cent of the growers having high and low level of adoption, respectively. The present findings corroborate the results of Narkar *et al.* (2004).

*Practice wise knowledge level:*

Distribution of the respondents according to practice

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