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Influence of time and intensity of pruning on quality of guava (*Psidium guajava* L.) cv. LUCKNOW 49

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ABSTRACT : The present investigation on influence of time and intensity of pruning on quality of guava (*Psidium guajava* L.) cv. LUCKNOW 49 was conducted at the orchard of the Department of Horticulture, Annamalai University, Tamil Nadu. Five years old guava trees of the cultivar Lucknow 49 were taken for this investigation. Different pruning levels and time of pruning viz., pruning 10 cm, 20 cm, 30 cm of apical shoots during mid March, mid April, mid May comprised the treatment combinations. The effect of different treatments were evaluated based on their influence on the quality attributes viz., TSS, ascorbic acid content, acidity, total sugar content. Among the various pruning treatments, it was observed that pruning 30 cm of apical shoots during mid March proved to be the best in increasing the quality of fruits followed by 20 cm level of pruning during mid March. The results of the present study indicate that the effect of various pruning treatments on the quality of guava cv. LUCKNOW 49 was more pronounced in season II when compared to season I.

KEY WORDS : Pruning, Pruning intensities, Quality attributes

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