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Effect of Pruning Severity on Quality of Grapes Cv. Red Globe for Summer Season

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Abstract

Effect of pruning severity on quality of grapes cv. red globe in summer season were studied at Horticulture Orchard, Tamil Nadu Agricultural University, Coimbatore during 2012-2013. The vines were pruned at four different levels in a Randomized Block Design with five replications. TSS, TSS/acid ratio, titrable acidity, sugar-acid ratio, reducing, non-reducing and total sugars for quality parameters were determined. Results revealed that, all the vines which were pruned at 2 bud level for summer season crop registered highest Total soluble solids (17.82 °Brix), TSS/acid ratio (35.95), lower titrable acidity (0.49%), whereas, the maximum reducing sugar (15.65%), total sugars (17.24%) and sugar-acid ratio (34.17) was observed in vines pruned to 50% of the canes for vegetative growth and 50% of the canes for crop yield in summer season and it was found to be better performed among different pruning intensities. Among the pruning intensities the vines which were pruned to 50% canes to 6 bud level and remaining 50% canes to 2 bud level performed better.

K[illegible]: [illegible]

I[illegible]

G[illegible] (*Vitis vinifera* [illegible]) [illegible] (21.08 [illegible]) [illegible]

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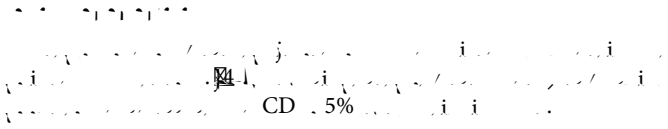

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