

STUDY OF THE CHANGES IN JUICE QUALITY OF RESISTANT AND SUSCEPTIBLE CULTIVARS OF KINNOW (*C. RETICULATA*) IN TERMS OF TSS AND ACIDITY UNDER THE EFFECT OF CRSV (CITRUS RING SPOT VIRUS)

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Abstract: Total Soluble Solids (TSS) was found to be lowered in the fruit juice of Kinnow after infection very significantly. The maximum percent drop in TSS i.e. by 14.29% was observed with the susceptible variety and by 10.29% in the resistant variety. Total acidity in fruit juice was observed to be increased after infection very significantly which first goes on increasing with the advancement of days of sampling and decreases afterwards. The maximum percent increase in acidity of fruit juice ranges from 69.67% to 75.36% in resistant variety whereas it ranges from 74.52% to 88.13% in the susceptible variety concluding the fact that acidity and TSS are most affected in the susceptible variety after infection of CRSV(Citrus ring spot virus) in Kinnow.

Keywords: *Citrus reticulata*, Susceptible, Resistant

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