



Physico-chemical and Nutritional Changes during Fruit Development in Mango (*Mangifera indica*) cv. Dusehri

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Abstract: Physico-chemical and nutritional changes during fruit development in mango fruit cv. Dusehri were observed at Punjab Agricultural University, Ludhiana. Fruit samples were analysed from 35 to 95 days after fruit set at 10 days interval. The fruit weight, fruit size and stone size increased linearly with advancement of fruit development. The titratable acidity declined with advancement of fruit maturity while total soluble contents increased towards the maturity of the fruit. Specific gravity of fruits increased with fruit growth but it showed a slight decline towards fruit maturity. With advancement of season the N, P, K concentrations of fruit pulp decreased while Ca, Mg contents increased. For micronutrients, no definitive pattern was recorded in Fe and Mn concentrations while Cu and Zn contents decreased with advancement of fruit maturity.

Keywords: Mango, Fruit development, Fruit quality, Nutrient content
