



RESEARCH ARTICLE :

Variation in chemical configuration of bottle gourd (*Lagenaria Siceraria* mol. standl.) fruits cv. samrat during ripening

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SUMMARY : Variation in chemical properties of bottle gourd fruits were analyzed at different maturity stages of plant. The observations were performed on the fruits from 65 days after sowing (M_1), 70 days after sowing (M_2), 75 days after sowing (M_3) and 80 days after sowing (M_4). The maturity of bottle gourd fruits measured by decreased moisture content, reducing sugars, non-reducing sugars, chlorophyll content, carbohydrates and phosphorus content while fibre content, calcium content, vitamin C and total soluble solids was found to be increased with advancement of maturity stages.

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