

Genetic Diversity of Peach (*Prunus persica*) in Uttarakhand Himalaya

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Survey, exploration and collection of Peach (*Prunus persica*) from Uttarakhand Himalaya was done during last 15 years. Scion wood of the identified accessions was collected and grafted for conservation in the field gene bank. A total of 18 accessions having distinct traits of horticultural importance were maintained, characterized and evaluated. Prior to collection of scion wood of a plant data were recorded on growth habit, incidence of disease, intensity of flowering and fruit setting, time of ripening, fruit size, shape, colour and weight. Organoleptic evaluation of ripe fruits was done on 10 point scale. Total soluble solids (TSS) and vitamin C content in ripe fruits were estimated. Postharvest life of ready to eat fruits was calculated by storing them at ambient room temperature. The accessions collected from different sites were found to have fairly rich diversity in parameters under study. These accessions may be useful for fruit growers for cultivation as well as for breeding programme.

Biography

Trivedi has completed his Ph. D. in Plant Physiology at the age of 27 years from Banaras Hindu University, Varanasi and postdoctoral studies from Indian Institute of Toxicology Research, Lucknow. He is Senior Scientist at National Bureau of Plant Genetic Resources, Regional Station Bhowali (Nainital). NBPGR is the nodal organization in India for exchange, quarantine, collection, conservation, evaluation and the systematic documentation of plant genetic resources. He has published 36 papers in reputed journals and serving as an editorial board member and reviewer in several National and International journals of high scientific repute.

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