

Project Profile

Project Code:	NFRP 49
Project Title:	Selection and conservation of red and sweet tamarind in southen India
Principal investigators	Dr. A. Mayavel, Scientist -E
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Funding Agency	ICFRE
Date of commencement of the project:	01-04-2007
Date of completion of the project:	31-03-2010
Budget Outlay	Rs. 520000

Objectives:

1. To identify and collect the red and sweet type of tamarind available in the existing population of south India.
2. To evaluate bearing pattern, fruit productivity, pulp characteristic of different types of tamarind,
3. To determine compatibility levels among the selected clones
4. To characterize red and sweet types of tamarind through biochemical and morphological traits

Summary:

Survey was conducted in different parts of Tamil Nadu Karnataka, Andhra pradesh and Pudhucherry to identify red and sweet tamarind. About 47 red phenotypic variants and 30 sweet tamarind trees were identified. The bio metrical observation had largely differed on phenology, flowering behavior, fruiting pattern and its yield characters. Studies on pollen fertility and viability showed no significant differences between red and sweet tamarinds. Control pollination experiments conducted between red and sweet tamarinds.