

Mango tree transplantation - A success story

For the establishment of Water and Land Management Institute (WALMI) campus in the year 1980, 178 hectares of land was acquired near Kanchanwadi village 6 km away from the Aurangabad city. As per the plan suggested by Architecture, the administrative building was to be located where 10-12 years old 300 grafted trees of mango were in existence. About 61 trees coming in construction area were required to be removed. To save these trees WALMI decided to transplant them at suitable place though the rate of success of transplantation of evergreen trees like mango is very low. These trees were transplanted in two stages during August 1981 and August 1983. Out of 61 transplanted trees, 54 trees have established and growing vigorously. The cost of transplantation was Rs. 500/- per tree.

The possible reasons for successful transplantation may be the existence of hard soil strata (*murum*) at about 60-75 cm soil depth which restricted the growth of tap root which remained intact during and after transplantation. Wherever such soil strata is existing, instead of cutting the trees, transplanting may be experimented.



TRANSPLANTATION OF MANGO TREE IN WALMI CAMPUS



Established transplanted tree