

**SUCCESS STORY - P.ALLIMUTHU**

**YEAR ROUND MANGO PRODUCTION THROUGH DIFFERENT VARIETIES GRAFTED/TOP WORKED ON A SINGLE MANGO TREE**

<p>Farmer photo</p>  <p>Th.P.Allimuthu S/o.T.Perumal Minnakkal (Po) Rasipuram Taluk Namakkal District Pin code:637505 Tamil Nadu</p> <p>Age: 70 Years Education: 7<sup>th</sup> class pass Land holding: 5 acre Farming Experience: 60 years Crops grown: Mango: 1.5 acre Guava: 1 acre Sapota : 1 acre Amla : 1 acre Jack : 1 acre Pomegranate: 1 acre</p> <p>Livestock: Tellicherry goat – 2 Nos Desibird – 50 Nos Dairy cow – 2 animals</p> <p><b>Recognitions</b> Pandit Deen Dayal Upadhyay Antiyodaya Krishi Puruskar Award</p> <p><b>Scientific verification:</b> Deputy Director of Horticulture, Namakkal has visited his farm every year and certified.</p> <p><b>Funding support:</b> No <b>Whether registered/ patented:</b> Got organic certification from Department of seed</p>	<p><b>Problem/ challenge addressed</b> Initially Th.P.Allimuthu cultivated Paddy, Tapioca and Tomato in an area of 3 acre at Minnakkal. He faced some pest and blast disease problem in paddy and the net return from the crops was also low. Hence he gradually diversified his farm to perennial fruit crop cultivation and nursery raising of fruit saplings so as to get the regular and sustainable income. He noticed irregular bearing and also faced price fluctuation in mango. So he decided to make a single tree to produce a fruit throughout the year with better returns. He applied top working and insitu soft wood grafting in irregular bearers of mango trees of 1.5 acres by using the skills obtained from KVKs with the intention of more number of varieties in a single tree.</p> <p><b>Description of innovative practice/technology</b> Year round mango production through different varieties grafted / Top worked on a single mango tree. Single mango tree can bear 27 varieties of mango (Viz., Alphonso, Banganapalli, Mulgoa,Mallika, Sendura,Sindhu, Neelijha, Arka Anmol, Arka Puneet, Jahangir, Ratnagiri Alphonso, Neelum, Bangalora, Salem Bangalora, Rumani, Imampasand, Nadusali, Shajahan, Padiri, Paiyur-1, Ratna, Kudhadath,Totapuri, Kallammai, Kalapad, Jailra, Nattan and Giri.)</p> <p><b>Practical utility</b> Top working was made in 2000 mango trees per year across the Tamil Nadu and Andhra Pradesh with farm size of one cent to one acre. So far 10000 tress top worked with regular bearing mango varieties.</p> <p><b>Source of information</b> KVK,Namakkal and TNAU, Coimbatore</p> <p><b>Economics/Profitability of innovative practice</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th align="center">Gross income</th> <th align="center">Net income</th> <th align="center">B:C ratio</th> </tr> </thead> <tbody> <tr> <td>Mango</td> <td align="center">75000</td> <td align="center">70000</td> <td align="center">1:14</td> </tr> <tr> <td>Sapota</td> <td align="center">80000</td> <td align="center">65000</td> <td align="center">1:4.3</td> </tr> <tr> <td>Guava</td> <td align="center">40000</td> <td align="center">34000</td> <td align="center">1:5.6</td> </tr> <tr> <td>Amla</td> <td align="center">60000</td> <td align="center">50000</td> <td align="center">1:5</td> </tr> </tbody> </table> <p><b>Potential : Acceptance level, horizontal spread of innovation and number of farmer adopting</b> He trained 72 grafting persons from 14 districts to do all types of grafting work in fruit saplings under National Horticulture Mission.</p>		Gross income	Net income	B:C ratio	Mango	75000	70000	1:14	Sapota	80000	65000	1:4.3	Guava	40000	34000	1:5.6	Amla	60000	50000	1:5
	Gross income	Net income	B:C ratio																		
Mango	75000	70000	1:14																		
Sapota	80000	65000	1:4.3																		
Guava	40000	34000	1:5.6																		
Amla	60000	50000	1:5																		

certification and Organic  
farming, Coimbatore  
**KVK Contact details:**  
Krishi Vigyan Kendra  
Veterinary College and Research  
Institute Campus, Namakkal  
Tamil Nadu -637 002