


## SUCCESS STORY – K. SENGOTTAIYAN

### HIGH DENSITY PLANTING IN CURRY LEAF

1	Name of the farmer	Th.K.Sengottaiyan	
2	Father name	Th.K.Karthi	
3	Gender	Male	
4	Complete postal address	Vaiyappamalaiyar thottam, Sevagoundampalayam Pudhuchathiram, Namakkal-637019.	
5	Contact phone number	8110985253	
6	Aadhar card No.	537758239574	
7	Age	53	
8	Available land	5 acres	
9	Farming details	High Density Planting in curry leaf and Organic Vegetable cultivation.	
10	Problems faced by the farmer	Low price for seasonal vegetables & poor marketing facility.	
11	Before KVK intervention (details of traditional farming, yield and income)	<ul style="list-style-type: none"> <li>• Initially he started vegetable cultivation (Lab lab in 30 cent area, Chillies in 10 cent), Red sorghum in 50 cent, Desi bird rearing (200 Nos) and Dairy farming (3 Jersey cow).</li> <li>• In lab lab, he got 1 tonne yield &amp; a net profit of Rs.15,000/-</li> <li>• In Chillies, he obtained 400 kg of chillies with a net profit of Rs.5000/-</li> <li>• In Red sorghum, harvested a fodder yield 12 tonnes/year o (3 tonnes in 4 months) &amp; realized a net profit of Rs.25000/-</li> </ul>	
12	KVK intervention (Training, Demo and etc.,)	He underwent training on High Density planting in Curry leaf under drip fertigation at this Kendra during 2011. After that he cultivated Senkambu variety of curry leaf in Staggered manner in an area of 2acres.	
13	Details of interventions made by the farmer	<ul style="list-style-type: none"> <li>• During 2011 he cultivated curry leaf under drip in High Density Planting in an area of 10 cent.</li> <li>• By seeing the profit, he extended the area of cultivation up to 1 acre in 2012 and another 1 acre in 2013.</li> <li>• High Density Planting of Curry leaf with a plant spacing of 2 x 2 feet and population of 9500 plants /acre.</li> <li>• Staggered planting.</li> <li>• Drip cum fertigation was done with 4kg of 19:19:19 at 20 days interval.</li> <li>• Intercropping of curry leaf with black gram &amp; got a yield of 450 kg in 2 acres.</li> <li>• Foliar spray of IHR Vegetable micronutrient @ 3gm/litre of water at 15 days interval.</li> <li>• Foliar spray of buttermilk @ 10 ml per litre of water was done at monthly interval to increase the glossy appearance of leaves &amp; also to prevent the disease.</li> <li>• Foliar spray of Panchakaviya @ 30 ml/litre of water was carried out at 20 days interval as a prophylactic measure to control pest as well as to induce more vegetative growth.</li> <li>• Applied of 1 tonne of vermicompost/acre, produced by him in 6 months interval.</li> </ul>	
14	Outcome/results (Field, cost of cultivation, net income, BCR	<ul style="list-style-type: none"> <li>• First harvest was done at 7 months after planting &amp; subsequent harvest was made at 3 months interval.</li> </ul>	

	other technical points etc.,)	<ul style="list-style-type: none"> <li>Harvest and sales details as follows</li> <li><b>First year Harvest ( at 3 months interval)</b></li> </ul> <table> <tr> <td>1<sup>st</sup> harvest Yield 3.5 tonnes/ 0.4 ha @ Rs.3/kg –</td> <td>Total</td> </tr> <tr> <td>sales Rs.10,500/-</td> <td></td> </tr> <tr> <td>2<sup>nd</sup> harvest yield : 4 tonnes/0.4 ha @ Rs.9/kg –</td> <td>Total</td> </tr> <tr> <td>sales Rs. 36,000/-</td> <td></td> </tr> <tr> <td>3<sup>rd</sup> harvest yield : .5 tonnes/0.4 ha @ Rs.12/kg –</td> <td>Total</td> </tr> <tr> <td>sales Rs.54,000/-</td> <td></td> </tr> <tr> <td>4<sup>th</sup> harvest yield : 4 tonnes/0.4 ha @ Rs.10/kg –</td> <td>Total</td> </tr> <tr> <td>sales Rs. 40,000/-</td> <td></td> </tr> <tr> <td>Gross income per year : Rs.1,40,500/-</td> <td></td> </tr> </table> <ul style="list-style-type: none"> <li><b>Subsequent year harvest</b></li> </ul> <table> <tr> <td>1<sup>st</sup> harvest Yield : 4 tonnes/ 0.4 ha @ Rs.10/kg –</td> <td>Total</td> </tr> <tr> <td>sales Rs.40,000/-</td> <td></td> </tr> <tr> <td>2<sup>nd</sup> harvest yield : 5 tonnes/0.4 ha @ Rs.9/kg –</td> <td>Total</td> </tr> <tr> <td>sales Rs. 45,000/-</td> <td></td> </tr> <tr> <td>3<sup>rd</sup> harvest yield : .5 tonnes/0.4 ha @ Rs.15/kg –</td> <td>Total</td> </tr> <tr> <td>sales Rs.75,000/-</td> <td></td> </tr> <tr> <td>4<sup>th</sup> harvest yield : 4.5 tonnes/0.4 ha @ Rs.17/kg –</td> <td>Total</td> </tr> <tr> <td>sales Rs.76,500/-</td> <td></td> </tr> <tr> <td>Gross income per year : Rs.2,36,500/-</td> <td></td> </tr> <tr> <td>Gross cost/year : Rs.67,500/-</td> <td>Net</td> </tr> <tr> <td>Return : Rs.1,69,000/- &amp; BCR:3.5:1</td> <td></td> </tr> </table>	1 <sup>st</sup> harvest Yield 3.5 tonnes/ 0.4 ha @ Rs.3/kg –	Total	sales Rs.10,500/-		2 <sup>nd</sup> harvest yield : 4 tonnes/0.4 ha @ Rs.9/kg –	Total	sales Rs. 36,000/-		3 <sup>rd</sup> harvest yield : .5 tonnes/0.4 ha @ Rs.12/kg –	Total	sales Rs.54,000/-		4 <sup>th</sup> harvest yield : 4 tonnes/0.4 ha @ Rs.10/kg –	Total	sales Rs. 40,000/-		Gross income per year : Rs.1,40,500/-		1 <sup>st</sup> harvest Yield : 4 tonnes/ 0.4 ha @ Rs.10/kg –	Total	sales Rs.40,000/-		2 <sup>nd</sup> harvest yield : 5 tonnes/0.4 ha @ Rs.9/kg –	Total	sales Rs. 45,000/-		3 <sup>rd</sup> harvest yield : .5 tonnes/0.4 ha @ Rs.15/kg –	Total	sales Rs.75,000/-		4 <sup>th</sup> harvest yield : 4.5 tonnes/0.4 ha @ Rs.17/kg –	Total	sales Rs.76,500/-		Gross income per year : Rs.2,36,500/-		Gross cost/year : Rs.67,500/-	Net	Return : Rs.1,69,000/- & BCR:3.5:1	
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15	Farmers feedback	High income with minimum cost of production. Prevalence of demand throughout the year.																																								
16	Impact / Horizontal spread of technology	Twenty two farmers cultivated curry leaf under HDP in Mallasamuthiram, Morkalipalayam, Periyamanali and Kannurpatti villages in Namakkal District.																																								



**K.Sengottaiyan field – Curry leaf in harvesting stage.**



**HDP in curry leaf**