

## **Coconut tree climbing device –A machine for the rural youth as self-employment tool**

### **Background:**

Coconuts are being cultivated in larger areas in Thoothukudi district. But the coconut growers are finding it very difficult to find tree climbers for harvesting and other crown cleaning works. Even if they find somebody to do the works, they are demanding Rs,100/-per tree. This seriously affects the increase in area under coconut.



### **Intervention:**

At this juncture, the coconut tree-climbing device has come as a tool to the coconut growers. Considering the importance of this device and the coconut grower problem, Krishi Vigyan Kendra of Thoothukudi, supported by Indian Council of Agriculture Research (ICAR), conducted 5 coconut tree climbing training programmes from 2013-2015. All these training programmes were conducted in collaboration with Coconut Development Board, Chennai and trained 500 farmers, unemployed rural youth on coconut tree climbing technique using the coconut tree-climbing device. The beneficiaries from Srivaikundam, Kalkumi, Siruthondanallur, Thathankulam, Kulaiyankarisal and Kootampuli region participated and benefitted by the training.



### **Intervention Technology:**

Coconut tree-climbing device Training

### **Impact Horizontal Spread:**

Nearly 20 % of the trained beneficiaries are earning more than Rs.500- Rs.600 / day and helping the coconut growers to complete the harvest in time. Rest of the beneficiaries is using this coconut tree-climbing device very effectively in their own garden to do the harvesting and other works.

### **Horizontal Spread**

After seeing the training and the devices 300 more farmers have interested to take up the training in 2016 – 17

### **Impact Economic gain**

All the 20% of the trained beneficiaries are getting Rs.500 – 600 / day by using the devices

### **Impact on Employment generation**

The following 20 members are getting five days of work / week and earning Rs. 500 – 600/ day as their income. Rest of this trained members are engaged in an average of 7 to 10 work days and using this device in their own plantation.

### **The successful beneficiaries started coconut climbing as an enterprise**

<b>S. No</b>	<b>Name of The Beneficiary</b>	<b>Name Of The Village</b>
1	K.Perumal	Killakulam
2	R.Alugumurugan	Killakulam
3	C.Murugan	Thathankulam
4	C.Nagalingam	Thathankulam
5	S.Muthuraman	Srivaikundam
6	S.Selvakumar	Srivaikundam
7	S.Lashmanan	Eral
8	K.Santhanakumar	Kalkumi
9	R.Vettuperumal	Kalkumi
10	I.Esravel	Kalkumi
11	K.Selvakumar	Kudampuli
12	I.Jayakumar	Kulayankarisal
13	J.Iyyadurai	Siruthundanallur
14	S,Ramesh	Siruthundanallur
15	C.Pouldurai	Vilathikulam
16	L.Johnsamuvel	Nanguneri
17	V.S.Selvakumar	Ettayapuram
18	M.Poonmuthu	Thiruvarangapatti
19	K.Petchimuthu	Mudivaithananthal
20	D.Iyysamy	Thoothukudi