

**Success Stories of ‘e-velanmai’ (electronic Agriculture) Model of Technology Transfer –
Varahanadhi sub basin**

Mohamed farook-Groundnut protenia larva	
Sub basin : Varahanadhi Farmer Name : Mr. Mohamed Farook Village: Chendur village District: Villupuram	
<p>Mr. Mohamed farook is one of our e-velanmai member farmers. He was residing in the Chendur village, Mailam block, Tinidvanam taluk, Vilupuram district. He had one kirana shop. He practiced agriculture in the village for the past 25 years and cultivated crops such as groundnut, paddy, chilies. In the groundnu field, larval attack was found to be severe. The farmer called the field coordinator of e-velanmai over his mobile phone and accordingly his field was visited and photos were taken covering the affected groundnut specimen with larva. It was mailed immediately to the e-velanmai experts at KVK, TNAU, Tindivanam to get recommendation for solving the problem. The experts recommended the spraying of Remon 20ml / tank to manage the pest. It was passed on to the farmer on the same day. The farmer also purchased the chemical at the rate of Rs.1125 for 300ml @ Rs. 375/100ml. He sprayed this chemical to the groundnut field. The larvae were destroyed at a faster rate. He was surprised due to the effectiveness of the control measure. Now he need not worry about the field for the next three months i.e. up to harvest of the crop as he believes that there is technical support or back up provided by the e-velanmai scheme. He is motivating his neighbors to join the e-velanmai scheme and get benefited like he did.</p>	
Govindan-Chillies leaves crinkled and curled	
Basin : Varahanadhi Farmer Name : Mr. S.Govindan Village :Chendur District : Villupuram	
<p>Mr. S.Govindan is one of our e-velanmai member farmer aged 49. He resided near pilliyar koil street, at Chendur village of Mailam block, Tindivanam taluk, Vilupuram district. He is in charge of balanced diet in high school and is practicing agriculture for a period of 16 years. One day he called the e-velanmai field coordinator to visit his farm planted with chillies and they visited his field. The symptoms and damaged parts of the crop in the field were noticed by the field coordinator. The chili leaves were crinkled and curled. The leaves attacked by virus were photographed using digital camera, and the same was sent to the experts of the e-velanmai located at KVK, Tindivanam through file-flyer website. After analysing the specimen, they recommended Pegassus – 25 ml/tank + Fantac plus. The farmer purchased pegassus @ Rs.70/- per 100ml from an input shop at vilupuram and sprayed the chemical over the crop. Later the farmer observed that the virus incidence was reduced and healthy chillies were harvested by him. The farmer is happy to note the control of the pest in his</p>	

farm which facilitated him to harvest a good crop. He says that he is very much benefited to harvest a good crop because of his membership in e-velanmai scheme.

Ezhumalai-Mullai mite attack

Basin : Varahanadhi
Farmer Name : Mr.
G.Ezhumalai
Village : Chendur
District : Villupuram

Mr. G.Ezhumalai was an e-velanmai farmer enrolled under public model and continued to be a member farmer in private model. He is residing in pillaiyar koil street, at chendur village of mailam block, Tindivanam taluk, Vilupuram district. He is a merchant of velur mullai and did agriculture from his 16 th year of age. Now he is 39 years old. He is cultivating velur mullai, paddy and groundnut. One day he called the field coordinator over his phone and requested to attend problem noticed in the velur mullai crop. He told that leaf mitemay be the cause and observed some black granules on the leaf. Then field level coordinator observed his field after getting information through phone. The mullai leaves were crinkled and so many granules were seen all over the leaf. Immediately leaves affected by the pest were photographed using digital camera and was sent to TNAU-KVK scientist in Tindivanam. They found that it was the damage due to mite. They recommended spray of Oomite chemical. The observation, date of visit and recommendations were recorded in his e-velanmai membership card. He purchased the chemical @ Rs. 75 / 100 ml and sprayed the chemical as foliar application. Follow up visit was made to get the opinion of the farmer about the pest management in his farm. He opined that the leaves resumed their freshness and became normal after the application of the pesticide. He felt very much happy for having saved his crop from severe damage and he attributed this impact to the introduction of e-velanmai scheme in his village.

Paddy stem borer attack

Basin : Varahanadhi
Farmer name : Mr. Janakiraman
Village name : Chendur
District : Villupuram

Mr. Janakiraman, S/O. Pattusamy, aged 58 of Varahanadhi sub basin was a leading farmer and he was the President of Chendur Water Users Association. He was residing in the Chendur village, Mailam block, Villupuram district. He practiced agriculture in his village for the past 32 years. He owned 4.80 acres and cultivated Paddy, Ground nut and Brinjal regularly in his farm. In his paddy field (60 days old crop), the stem borer attack was severe and some yellowing in upper parts of leaves with brown spots. He invited the field coordinator of e-velanmai to attend his problem. The Varahanadhi sub basin field coordinator visited his field and took photographs of the affected plants and he mailed using internet surfing facility and lap top computer immediately to the

experts of e-velanmai scheme at coimbatore and KVK, Tindivanam to get the technical recommendation. The recommendations (Triasophos – @ 250 ml/acre + Indofil M 45 @ 250g/acre) were given by the experts by email and the same was passes on to the farmers on the same day of receipt of their query. He sprayed these chemicals to his paddy field. Follow up impact study was done latter by visiting his farm. The farmer told that the field was completely recovered from the above symptoms and the crop was completely recovered from infestation. He also appreciated for the spot and immediate correct recommendations given throught the e-velanmai scheme. After few days, he applied more amount of urea; and hence the crop was attacked by the brown pant hoppers (BPH) and white plant hoppers (WPH). Again the farmers called the field level coordinator and showed the symptoms. The field co-ordinator took the photographs of affected plants and mailed to the experts of e-velanmai Scientists, at Coimbatore and KVK, Sceintists, Tindivanam for technical recommendations. The farmer was advised to spray Imidachoprid @ 250ml/acre. The farmer sprayed the chemical, and within thee days the crop was completely recovered from the pest damage. The farmer appreciated the field level co-ordinator and activities of technology transfer done through e-velanmai scheme for the immediate and spot recommendations at farmer’s field.

Lepilapran larvae

Basin : Varahanadhi Farmer name : Mr. G. Elumalai Village name : Chendur District : Villupuram	
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Mr. G. Elumalai, S/O. Govindhan aged 47 is one of our e-velanmai member, having 3.0 acres of garden land. He resided at Chendur village, Mailam Block, Vilupuram District (Varahanadhi sub-basin). He did agriculture in his village for the past 17 years. He is cultivating the crops namely, Black gram, Paddy and Chilies. The farmer called the FC informing about the notice of some problem and asked him to visit his farm for receiving technical remedy to solve his farm problem. The FC attended his farm and took photographs along with the volunteer nominated in the village. These digital images were sent to the experts of e-velanmai at KVK, TNAU, Tindivanam. The scientists noted that the Black gram field of the farmer wasseverely affected by the lepilapran larva attack. The experts informed the technical recommendations for the management of the pest to the FC of the e-velanmai scheme (Varahanadhi sub-basin). Based on this the farmer was advised to spray Remonat the rate of 250ml / acre. After spraying this chemical to the black gram field, the field was completely recovered from the leaf feeders attack. The farmer told that, the crop was completely recovered and saved 20 per cent yield loss which might have happened due to the larval attacks. He appreciated the advantages he felt about the e-velanmai scheme for the spot and immediate correct recommendations transferred to him.

Leaf eating caterpillars

Basin : Varahanadhi	
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Farmer name : Mr. Kandhasamy Village name : Chendur District : Villupuram	
<p>Mr. Kandhasamy, S/O. Aathimoola koundar, aged 45 was one of our e-Velanmai active member-farmer. He is residing at chendur village, Mailam block, Villupuram District. He practised agriculture in his farm (2.0 acres) for the past 20 years in his village. He is cultivating Paddy and kundu malli and Mullai (Jasmine) flower crops. In his farm, kundu malli (Jasmine) was severely attacked by leaf eating caterpillars. After hearing about the e-velanmai scheme, he called the FC of varahanadhi basin and enrolled in the e-velanmai scheme. The Varahanadhi field coordinator visited his field and took digital photographs of the affected plant with larva and he mailed it immediately to the experts of the KVK, TNAU, Tindivanam to access technical advices to solve the problem.. The farmer was advised to use bio control product namely, Remon – @ 30 ml/litre water or Target @ 2.0ml/litre water. The farmer also preferred the bio products and hence he adopted the bio control method in his field. He was asked about the crop status during follow up visits. The farmer stated that after spraying the bio-chemical to the affected field, the crop was recovered completely. The farmer commented that if there is e-velanmai scheme long back he would have done the agriculture confidently without suffering much loss due to pest incidences in the field. Impressed about the activities of the technology transfer through the e-velanmai scheme, he motivates his neighbors to join the scheme.</p>	
<p>Stem borer infestation and Yellowing on the leaves</p>	
Basin : Varahanadhi Farmer name : Mr. Chinnappa Village name : Chendur District : Villupuram	
<p>Mr. Chinnappa, S/O. Govindhan, aged 67 is one of our e-velanmai members. He is residing at Chendur village, Mailam block He owned 3.5 acres of wet land and did agriculture for the past 37 years. He cultivated the crops namely, Paddy, ragi and Jasmine (malli). He came to know about the e-velanmai scheme through video campaign and enrolled in the scheme. Latter he observed problem in his field and so he called the field coordinator over phone by looking into the membership card which beared the phone number of the FC. The FC visited his field and observed that it was a 60 Days old paddy crop with yellowing of leaves with brown spots. He took the digital images and uploaded the photos with the help of internet surfing drive and lap top computer to the expert team of scientists at the KVK, TNAU, Tindivanam. The recommendations of the experts based on the examination of the photos were passed on to the FC through e-mail and it was downloaded by the FC on the same day and it was recorded in the membership card owned by the farmer. The recommendations (Triasophos – @ 250 ml/acre + Indofil Z 78 @ 300g/acre) were given to the farmers and also recommended to give one fertilizer dose. The action to be taken was also taught to the farmer He sprayed these to the paddy field. Later the farmer told that the field was completely recovered from the stem borer infestation and yellowing on the</p>	

leaves was found no more. The farmer feels happy that his crop was completely recovered from infestation and realized the effectiveness of the technical advice given by the experts of the e-velanmai scheme.

Sucking pest

Basin : Varahanadhi
Farmer name : Mr.
Muthukrishnan
Village name : Chendur
District : Villupuram

Mr. Muthukrishnan, S/O. Aathimoola koundar, aged 60 of Varahanathi sub basin e-Velanmai farmer. He resided at chendur village. He did agriculture in his village for the past 30 years. He owned 4.50 acres of wet land and cultivated paddy. In his paddy field (80 days old crop), crop was severely attacked by the brown plant hoppers and white plant hoppers and leaf tips change to yellowing. The farmer informed to the local FC of the project. He visited the farmer's field and taken photographs to the affected plot and mailed immediately to the experts committee of e-velanmai scheme Coimbatore and KVK, Scientists, Tindivanam to get recommendation. The farmer was advised to stop the irrigation for two days, than spray Imidachoprid @ 250ml/acre. The farmer sprayed the above chemical at recommended dose, and within three days the crop was completely recovered. The farmer told to the varahanadhi field coordinator, the crop was completely recovered from WBH and WBH infestation and he was appreciated e-velanmai scheme for spot and immediate recommendation timely.