


Integrated farming system

1	Name of the farmers	:	 THIRU.K.K.VELUSAMY
2	Address of the farmer	:	S/o. S. Kandasamy, Palapatti, ParamathyVelur (Taluk), Namakkal district. 9443223707
3	Age	:	37
4	Type of activity	:	Integrated farming.
5	Date of start of the farm	:	November 2010
6	Training offered at KVK	:	Attended the following training programmes at KrishiVigyanKendra,Namakkal during 2009 – 2015. <ol style="list-style-type: none"> 1. Production technology of cucurbitaceous vegetables. 2. Coconut farming technology. 3. Off season annual moringa production. 4. Duck farming. 5.Dairy farming 6. Cultivation of coriander under shade net condition. 7.Azolla cultivation 8. Vermicomposting technology.
7	Advice rendered at KVK	:	<ul style="list-style-type: none"> • Biocontrol of pest management in vegetables. • Own feed preparation • Fodder cultivation • Summer cultivation of coriander under shadenet. • Recycling of farm waste.
8	Sustainability of the farm& adoption of innovative technology	:	In 1995 – he planted coconut sapling in an area of 16 acres and cultivated sugarcane in an area of 12 acres but he generated Rs.3 lakhs as a net income.

		<p>In 2009 – he started duck farming and dairy farming.</p> <p>In 2010 – started cultivation of vegetables, azolla production and recycling of farm waste through vermicomposting.</p> <p>In 2010, he sold the vegetables directly at Uzhavarsanthai without middle man interference.</p>
9	Income generated/annum	<p>Gross income: Rs.13,62,200/-</p> <p>Net profit:Rs.10,36,320/-</p>
	Diversification of the farming activity through innovative technology development in marketing by the farmer	<p>Sustainable income through cultivation of demand based crops and livestock activities.</p> <p>Daily income – through sale of vegetables and duck eggs.</p> <p>Weekly income – through sale of milk.</p> <p>Monthly income – through sale of coconut copra.</p>
	New technology adopted	<ul style="list-style-type: none"> ➤ Pandhal system of vegetable cultivation. ➤ Fruit fly trap for the management of pest in cucurbitaceous vegetables. ➤ Drip irrigation. ➤ Off season vegetable cultivation. ➤ Grading of vegetables. ➤ Packing of vegetables in plastic crates. ➤ Daily marketing of vegetables at Uzhavarsanthai.
	Number of employment created	50 mandays/month
	Tie up with other agencies	<ul style="list-style-type: none"> • Department of Agriculture Marketing, Namakkal for sale of fresh vegetables in Uzhavarsanthai, Namakkal. • Department of Horticulture for erection of Trellis (Pandhal) for trailing of cucurbitaceous vegetables. • Coconut Board, Cochin for getting daily sale price of coconut copra.
	Economic empowerment of the farmer	He is a graduate in B.Tech., (Leather Technology) and actively involved in agriculture and allied activities for the past 5 years. He generated income through various integrated farming activities as mentioned below.,

S. No.	Name of the crop	Area/ Nos.	Expenditure (Rs.)	Yield	Gross income (Rs.)	Net profit (Rs.)
1	Coconut	16 acres	200/tree/ year 1,40,000	700 trees yielding stage. Yield 150-200 nuts/tree, 15kg dry copra/ tree @ Rs.75-80/kg Rs. 1100-	7,70,000 67,200	6,30,000 67,200

				1200/tree Coconut shell: 12 kg/tree @ Rs.8/kg Outer cover: 35 paise/cover	49,000	49,000
2	Coriander under shade net (3 months) staggered sowing	10000 sq.ft.	10,200	1 bundle/sq.ft. 1500 bundle/ 1000 sq.ft. 50-100 bundle/day 3000 bundles/month 3 bundles/Rs.10	50,000	39,800
3	Cucurbitaceous/ Pandal vegetables (Snake gourd), Ribbed gourd, Bitter gourd)	50 cents	59,000	50kg/day from 45 DAS 6 tonnes in 120 days @ Rs.20/kg	1,20,000	61,000
4	Cucumber	50 cents	5,700	4.5 tonnes@ Rs.10/kg	45,000	39,300
5	Pulichaikeerai	30 cents	3,980	6000 bundles @ Rs.5/bundle	30,000	26,020
6	Dairy cow (Jersey cross)	2 Nos.	35,000	10 lits/day (1740 lits/animal)	87,000	52,000
7	Duck (White pekin, Desi)	500 Nos.	6,000x12	100-120 eggs/day. 4000 eggs/month @Rs.6/eggx 6 months production	1,44,000	72,000

Net profit : 10,36,320/-

15.	Future plan	:	<ul style="list-style-type: none"> • 100 % land utilization through integrated farming. • Get organic certification for their products. • Large scale production of coconut saplings. • Direct marketing.
16.	Any other information	:	Nil