Scientific Advisory Committee Meeting



Progress Report of

Krishi Vigyan Kendra, Coimbatore



Presented at 44th SAC Meeting

On 19th Mar 2025

ICAR – KRISHI VIGYAN KENDRA (Host : Sri Avinashilingam Education Trust Institutions) Vivekanandapuram, Karamadai Coimbatore – 641113

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I. GENERAL INFORMATION ABOUT THE KVK

1.1	Name and address of KVK	:	ICAR - Krishi Vigyan Kendra Vivekanandapuram Post, Seeliyur (Via) Karamadai Block Coimbatore District,
			TamilNadu – 641 113
	Telephone	:	(04254) 297820
	E Mail	:	sakvk.cbe@rediffmail.com avinashilingamkvk@gmail.com kvkcbe.icar@gov.in
	Web Address	:	www.avinashilingamkvk.org
1.2	Name and address of the Host organization	:	Sri Avinashilingam Education Trust Institutions Saradalaya, Bharathi Park Road, Coimbatore – 641 043
	Telephone	:	(0422) 2440140, 2448154, 2450380
	Fax	:	(0422) 2443620, 2438786
	E Mail	:	avinashilingamtrustoffice@gmail.com
1.3	Name of the Senior Scientist and Head	:	Mrs P Gomathi
	Mobile	:	6382816174, 9952291346
	E Mail	:	gomathimanikvk@gmail.com
1.4	Year of sanction	:	1979 No. F. 22 (5)/79/Edu.II, Dated 16 th April, 1979 of ICAR, New Delhi.

1. 5 Staff Position (as on 1st March, 2025)

SI.No	Sanctioned post	Name of the incumbent	Discipline	Pay Level	Present Basic	Date of joining	Permanent / Temporary
1	Senior Scientist and Head	Vacant	-	13 A	0	-	Permanent
2	Senior Scientist & Head i/c and Subject Matter Specialist	P.Gomathi	Home Science	10	90000	19.11.2007	do
3	Subject Matter Specialist	N. Suganthi	Soil Science	10	95500	02.01.2006	do
4	Subject Matter Specialist	S.Sureshkumar	Agronomy	10	82400	08.09.2010	do
5	Subject Matter Specialist	M.Sagadevan	Horticulture	10	82400	08.09.2010	do
6	Subject Matter Specialist	Vacant	Animal Science	10	0	-	-
7	Subject Matter Specialist	Vacant	Agri Engineering	10	0	-	-
8	Computer Programmer	D. Ravindran	Computer Science	6	70000	01.08.1992	do
9	Farm Manager	V.Muthukumar	Botany	6	70000	17.07.1988	do
10	Lab Technician	Pavithra Periyasamy	Soil Science	6	37600	01.02.2023	do
11	Accountant/Superintendent	V.Palaniswamy	Commerce	6	50500	16.04.2012	do
12	Stenographer Grade III	E Gopal	Mass Communication	4	27100	01.02.2023	do
13	Driver 1	L. Premkumar	-	3	37200	01.07.2002	do
14	Driver 2	D.Samuvel Johnson	-	3	32000	04.10.2010	do
15	Supporting staff 1	N. Veerasamy	-	1	28800	01.08.2009	do
16	Supporting staff 2	Pavithra Vijiyakumar	Agri Engineering	1	20900	28.06.2019	do

1.6. Total land with KVK (in ha)

: 20.5 ha

S. No.	Item	Area (ha)
1	Under Buildings	3.0
2	Under Demonstration Units	2.0
3	Under Crops	9.0
4	Orchard/Agro-forestry	6.5
5	Others	-
	Total	20.5

II - DETAILS OF DISTRICT

Location of Coimbatore District







2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/ enterprise
	IRRIGATED
1	Paddy- Paddy, Paddy-Sugarcane
2	Sugarcane – Maize/ / Sorghum/ Groundnut / Cotton/ Vegetables/ Banana
3	Cotton + Blackgram+ Greengram+ Cowpea+ Maize, Cotton – Sesamum/ Maize/
	Sorghum / Vegetables and Cumbu Napier CO-3 (Fodder Crop)
4	Tapiocca+ Brinjal/Onion, Tapiocca -Maize/ Sorghum / Groundnut
5	Turmeric +Onion + Chillies + Castor Seed, Turmeric- Maize / Sorghum / Vegetables
	and Cumbu Napier CO-3 (Fodder Crop)
6	Banana + Onion/ Coriander /Vegetable Cowpea / Tobacco and followed by Banana /
	Irrigated groundnut / Sorghum / Cotton and Cumbu Napier CO-3 (Fodder Crop)
7	Coconut +Banana (Few places) And Cumbu Napier CO-3 (Fodder Crop)
8	Coconut
9	Bhendi-Gourds-Chillies and Cumbu Napier CO-3 (Fodder Crop)
10	Tomato- Maize/Groundnut/Cotton
11	Maize- Ground nut/ Cotton/ Vegetables / Banana and Cumbu Napier CO-3
	(Fodder Crop)
12	Brinjal – Maize and Cumbu Napier CO-3 (Fodder Crop)
13	Onion – Maize / Vegetables and Cumbu Napier CO-3 (Fodder Crop)
14	Cauliflower- Onion/Maize/
15	Curry leaf (Perennial)
16	Jasmine (Perennial)
17	Tube rose (Perennial)
	RAINFED
1	Groundnut + Castor + Cowpea + Redgram, Groundnut- Green gram/ Jowar /
	Cowpea / Sesamum
2	Cotton + Pulses
3	Sunflower – Bengalgram
4	Blackgram / Greengram / Vegetable cowpea
5	Sorghum/ Maize/ Lablab / Horsegram / Pillipesara

2.2 Description of Agro-climatic Zone & major agro ecological situations

(based on soil and topography)

S. No	Agro climatic Zone	Characteristics
1.	Western Zone	Annual rainfall is 718 mm in 45 days. The monthly mean maximum temperature
		is 35° C in April and 30° C in January and November. The monthly mean
		minimum temperature is 19 [°] C in January and 24 [°] C in May. The predominant
		soil types are red and black soils. Dry land sowing start in June/July in red soils
		while groundnut is sown in red soils. In black soil areas, cotton for early rains
		and Bengalgram for late rains is raised. In the southern part of the zone the
		rainfall is about 550 mm only and more area is devoted to pastures with hardy
		trees like white babul. With the help of well and canal irrigation crops like cotton,
		finger millet and sugarcane are raised.
S. No	Agro-ecological situation	Characteristics
1.	Humid to	The Western Ghats and highlands of TamilNadu are humid but rest of the area
	Semi-arid	is semi-arid. The average annual rainfall in the central Western Ghats ranges
		from 600 to 2,000 mm and in southern part from 2,000 to 3,000 mm. The regions
		can be divided into Western Ghats, Plateau, River valleys, Undulating rocky
		plains and Coastal plains. The predominant soil groups are black, red, lateritic
		and alluvial. In the Western Ghats, acidic lateritic soils are predominant.

Source: Compendium of Research on Soil test crop response and rationalized fertilizer recommendations for crops in Tamil Nadu 1967 – 2000, TNAU

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha
1		The soils are black / brown in colour. They include soils locally known as	
	Black soil	Irugur or black cotton soil, deep cotton soil, medium black soil. One of the	
		characteristic feature is that it swells on wetting during the rainy season	
		and shrinks and cracks in summer.	746799
	Red soil /	Generally red or reddish brown are derived from granites, gneiss, and	1 10/00
	Sandy soil	other metamorphic rocks. They include soils locally known as red sandy	
		soil and red alluvium. Their main features are a light texture, structure,	
		absence of lime, and low soluble salts.	

Source : Soil atlas, State Dept of Agriculture

2.4 Area, Production and Productivity of major crops cultivated in the district

S. No	Сгор	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
	Cereals			
1	Paddy	7406	206650	279.0
2	Jowar	77490	283380	36.6
3	Bajra	412	7450	180.7
4	Ragi	69	1160	167.2
5	Maize	21662	258640	119.4
6	Varagu	1	10	113.7
7	Samai	23	180	71.1
	Pulses			
8	Bengalgram	4500	33350	74.1
9	Redgram	365	1970	54.0
10	Blackgram	1863	13020	69.9
11	Greengram	4456	15790	35.4
12	Horsegram	4261	18370	43.1
	Cash crops			
13	Sugarcane	8894	12377160 (cane)	1391.6 (cane)
14	Cotton			
	Under Irrigated	1831	3910	3.63
	Under Rainfed	9716	10898	1.91
15	Groundnut	22515	30471	1353
16	Gingelly	1478	715	484
17	Coconut	101541	10709 (Lakh nuts)	10547 (Nuts/ha)
18	Sun flower	282	350	1240
19	Castor	486	178	367
	Fruits			
15	Banana	8056	3955850	4910.4
16	Mango	3805	72670	191.0
17	Jack	23	2840	1234.6

18	Guava	176	19190	1090.4
19	Grapes	288	55090	1913.0
20	Pomegranate	65	Not available	Not available
21	Water Milan	56	Not available	250-300
	Vegetables			
22	Таріоса	848	324030	3821.1
23	Onion	2366	274990	1162.3
24	Brinjal	722	85020	1177.5
25	Bhendi	523	48970	936.4
26	Lab lab	113	Not available	80-100
27	Tomato	4846	508960	1050.3
28	Pumpkin	1026	Not available	180-200
29	Snake gourd	125	Not available	180
30	Ribbed gourd	77	Not available	140-150
	Spices and condi	ments		
31	Arecanut	1556	44690 (Cured nuts)	287.2
32	Cardamom	869	680	7.8
33	Chillies	1331	7560	56.8
34	Pepper	126	250	19.7
35	Curry leaf	1357	Not available	150
36	Mint	5	Not available	150-200
37	Coriander	2086	Not available 60-70	
38	Turmeric	2339	178670	763.9
39	Tamarind	955	55940	5858

Source: State Statistical Department, Coimbatore

Category	Population	Production	Productivity
Cattle			
Crossbred	3,22,202	22,55,414 (litres)	5-7 lit /Day /Animal
Indigenous	40,038	2,00,190 (litres)	3-5 lit /Day /Animal
Buffalo	40,912	2,45,472 (litres)	4-6 lit /Day /Animal
Sheep		•	
Crossbred	47,898	11,97,450 (Kg)	25 kg at market age
Indigenous	1,58,937	28,60,866 (Kg)	12–18 kg at market age
Goats	2,86,499	51,56,982 (Kg)	12-18 kg at market age
Pigs			
Crossbred	3,944	2,76,080 (Kg)	70 Kg at market age
Indigenous	8,721	4,36,050 (Kg)	40-50 Kg at market age
Rabbits	16,562	33,124 (Kg)	1.5-2 Kg at market age
Poultry	-		
Hens	4,19,68,683	-	
Desi (Egg)	-	-	70 Nos / Life span
Layers (Egg)	-	-	210 Nos / Life span
Desi (Meat)	-	-	2 kg with in a year
Broilers (Meat)	-	-	2.4 kg within 37 days
Ducks	4,804	12,010 (Kg)	2.5 Kg at market age
Turkey	25,425	1,77,975 (Kg)	3-7 kg with in a year
Category	Area	Production	Productivity
Fish			
Marine			
Inland	It is not a signific	cant, profitable and	progressive enterprise in
Prawn	water in Coimbatore	district is not conduciv	e for fishery enterprise.
Scampi]		
Shrimp			

2.5 Production and productivity of livestock, Poultry, Fisheries etc. in the district

Source: Directorate of Animal Husbandry, Chennai

2.6 Details of Operational	area /	Villages
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SI.No	Taluk/ Mandal	Name of the block	Name of the village	Year of adopti on	Major crops & enterprises	Major problem identified	Identified Thrust Areas
KVK a	adopted village	s					
1	Pollachi	Anaimalai	RM Pudur and Vadachithur	2017	Paddy	Low yield due to old variety, nutrient deficiency and labour scarcity	Integrated crop management and nutrient management in Paddy
2	PNPalayam	PNPalayam	Kuppuchi palayam Pannimadai	2019	Bengalgram, Chilli, Coconut	Low yield due to poor nutrient management and labour scarcity and Lack of knowledge in value addition	Organic farming Integrated Crop Management Farm mechanization and Value addition
3			Allapalayam	2019	Green gram Banana	Low yield due to poor nutrient management	Integrated nutrient Management
	Annur	Annur S.S. Kulam	Samanaickam palayam	2019	Pulses	Lack of knowledge on new variety and technologies	Varietal assessment and Integrated crop management
			Vellamadai	20217	Vegetables	Lack of knowledge in value addition	JueIntegratedJueIntegratedety,cropmanagementandand nutrientreitymanagementin PaddyJueOrganicfarmingIntegratedcropManagemententCropurManagemententFarmeinand ValueadditionJuefinentnutrienteinand ValueadditionadditiondueIntegratedrientnutrienteinand Integratedcropiesmanagementand valueadditionadditiondueIntegratedeinand valueadditionadditiondueIntegratedeinand valueadditionadditiondueIntegratedonadditiondueIntegratedeinand valueadditionadditiondueIntegratedonadditiondueVarietaleinand valueadditionand valueadditionand valueidueVarietaldueVarietaldueVarietaldueVarietaldueVarietaldueAssessment oftidrought
4	Sulur	Sulur, Sultanpet	Padhuvam palli	2022	Coconut, Sorghum, cassava and Millets	Low yield due to old variety, nutrient deficiency Lack of knowledge on new technology on value addition	Integrated crop management Post harvest management and value addition
			Selakarasal	2022	Maize	Low yield due to poor nutrient management	Integrated Crop Management
5	Mettupalayam	Karamadai	Senkuttai and Kandiyur	2017	Ragi	Low yield due to old Varieties	Varietal demonstration with ICM
			Shanmuga puram	2017	Groundnut	Low yield due Drought	Assessment of drought

							tolerance			
			TG Pudur Koravankandi	2019	Vegetables	Lack of knowledge on importance of Nutri garden	Nutri garden			
DFI villages										
6	Pollachi	Madukarai	Ellur	2017	Tomato, Chillies and Jasmine	Low yield due to old variety, nutrient deficiency	Varietal introduction and Evaluation Integrated crop management and nutrient management			
7	Kinathu kadavu	Kinathu kadavu	Vadapudur, Sokkanur	2017	Cotton	Low income due to pure crop and Boll rot incidence leads to yield loss	Different inter cropping and Boll rot management.			

2.7 Prioritized thrust area

Crop/Enterprise	Thrust area
Paddy, Groundnut, Bengalgram, Ragi, Tomato,	Varietal Evaluation & introduction and
Amaranthus and lab lab	mechanization
Paddy, Greengram, Chillis and Groundnut	Integrated nutrient management
Sorghum, winter jasmine	Varietal demonstration
Maize, Onion, Coconut, and Bottle gourd	Integrated crop management
Composting	Soil fertility management
Bhendi	Organic farming
Dairy	Nutrient management
Paddy, Pulses, Coconut, Millets and vegetables	Post-harvest management and Value addition

III. TECHNOLOGIES ASSESSED UNDER VARIOUS CROPS (OFT)

On-farm testing is conducted to identify the location specific of agricultural technologies. Eight On Farm Trials have been conducted on agriculture and allied enterprises. Totally 16 technologies were field tested in 40 partner farmers field covering 10 ha of land.

1.Assessment of Different intercropping in Cotton production

Performance of two intercropping has been assessed in 5 farmers' fields at Vadapudur village during Kharif 2024. The inter crop assessed are

- Pure crop
- Cowpea, Green gram and black gram (TNAU)
- Turnip, Radish and Carrot

Among the three trails, the yield obtained from pulses as inter crop was 18.4 q/ha when compared to local check as pure crop (17.6 q/ha) and inter crop as vegetables (17.2 q/ha) respectively which was 4.5% and 6.9 % higher yield over pure crop and vegetable as inter crop respectively. Gross cost incurred for cultivation were Rs.83,750/- ,Rs 85,900/- and Rs 86,450/- & the Gross income obtained were Rs.1,84,800/- ,Rs.2,18,800/- and Rs. 1,96.600/- respectively for Pure crop, as inter crop Pulses and vegetables . The Net return was high in pulses as inter crop i.e Rs.1,32,900/- compared to pure crop i.e 1,01,050/-and vegetables(1,10,150). Hence the pulses as inter crop has higher BCR of 2.54 whereas it is 2.32 in vegetables as inter crop and 2.2 in pure crop. Apart from the this, groining of pulses as inter crop it increase soil fertility Hence it could be concluded that cultivation of pulses as inter crop can be ideally remunerative to cotton cultivation village in Coimbatore district.

2. Assessing the performance of Bengalgram varieties

Performance of two varieties has been assessed in 5 farmers' fields at Kuppuchipalayam village during Rabi 2023. The varieties assessed are

- JAKKI 9218 which was being cultivated by the farmers more than a decade
- Bengal gram Variety NBeG 776 (ARS, Nanthiyal)
- Ragi Variety NBeG 857 (ARS, Nanthiyal)

Performance of two varieties has been assessed in 5 farmers' field at Samanaickampalayam village during Rabi 2024. The varieties assessed are

- Jakki which was being cultivated by the farmers more than a decade
- Bengalgram Variety NBeG 776 (ARS, Nanthiyal)
- Bengalgram Variety –NBeG 857 (ARS, Nanthiyal)

Among the three varieties NBeG 776 produced more number of pods/plant i.e. 56 nos. The yield obtained from NBeG 776 was 6.84 q/ha when compared to local check Jakki (5.76 q/ha) and which was 18.75% and 1.78 % higher yield over local check Jakki and NBeG 857(6.72) varieties respectively. Gross cost incurred for cultivation were Rs.17,825/- , Rs 17,150- and Rs 17,360/- & the Gross income obtained were Rs.44, 460 /- , Rs. 43,680 /- and Rs. 37,440/- respectively for NBeG 776, NBeG 857 and Jakki. The Net return was high in NBeG 776 i.e. Rs.26,635 /- compared to local check variety Jakki and NBeG 857. Hence the variety NBeG 776 has higher BCR of 2.49 whereas it is 2.46 in NBeG 857 and 2.15 in Jakki. Apart from this, Bengal gram Variety NBeG 776 shows multiple resistant to drought and pest and diseases. Hence it could be concluded that cultivation of Bengal gram variety NBeG 776 can be ideally remunerative to Samanaickampalayam village of SS Kulam block where Bengal gram is predominantly cultivated in Coimbatore district.

3. Assessment of Ridge gourd varieties MDU-1 and Arka Prasan for higher yield

An On-farm testing experiment was conducted to assess the performance of Ridge gourd varieties for yield and quality during Kharif 2024 at Pallapatti village, Karamadai block of Coimbatore District. Three technologies (Varieties) namely MDU - 1 (Technology Option 1), Arka Prasan (Technology Option 2) and Private variety - Mycho-281 (Farmers practice) were assessed in the field experiment. The Significant maximum Ridge gourd (84.71 q ha⁻¹) and B:C ratio (4.42) were found in the Technology Option 1 (MDU - 1). The lowest Ridge gourd (58.36 q ha⁻¹) and B:C ratio (2.62) were observed in Farmers practice (Mycho-281).The Ridge gourd variety MDU - 1 was recorded higher net return (Rs. 214618 / ha) followed by Arka Prasan of Rs. 173516 /ha. The lowest net return of Rs. 104895 /ha was recorded in Farmers practice.

Apart from the above statistics the Ridge gourd variety MDU – 1 moderately tolerant to fruit fly and virus. Hence it could be concluded that cultivation of Ridge gourd variety MDU - 1 can be ideal remunerative to Pallapatti village, Karamadai block where Ridge gourd are predominantly cultivated in Coimbatore district.

4. Assessment of Chilli hybrids for yield and market preference

An On-farm testing experiment was conducted to assess the performance of Chilli hybrids for yield and quality during Kharif 2024 at Ellur village, Madukarai block of Coimbatore District. Three technologies (Hybrids) namely Arka Dhriti (Technology Option 1), CO1 (Technology Option 2) and Private variety - Jothi (Farmers practice) were assessed in the field experiment. The Significant maximum Chilli hybrids (143.81 q ha⁻¹) and B:C ratio (3.96) were found in the Technology Option 1 (Arka Dhriti). The lowest Chilli hybrid (104.72q ha⁻¹) and B:C ratio (2.52) were observed in Farmers practice (Jothi). The Chilli hybrids Arka Dhriti was recorded higher net return (Rs. 162963 / ha) followed by Co-1 of Rs. 138519 /ha. The lowest net return of Rs. 99615 /ha was recorded in Farmers practice.

Apart from the above statistics the Chilli hybrids Arka Dhriti moderately tolerant to wilt and virus. Hence it could be concluded that cultivation of Chilli hybrids Arka Dhriti can be ideal remunerative to Ellur village, Madukarai block where Chilli are predominantly cultivated in Coimbatore district.

5. Assessment of Brinjal varieties for yield and market preference

An On-farm testing experiment was conducted to assess the performance of Brinjal varieties for yield and quality during Kharif 2024 at Ellur village, Madukarai block of Coimbatore District. Three technologies (Varieties) namely CO- 3 (Technology Option 1), VRM (Br) 2 (Technology Option 2) and local cultivar – Varikathari (Farmers practice) were assessed in the field experiment. The Significant maximum Brinjal (257.19 q ha⁻¹) and B:C ratio (3.79) were found in the Technology Option 1 (CO-3). The lowest Brinjal (127. 36 q ha⁻¹) and B:C ratio (1.92) were observed in Farmers practice (Varikathari).The Brinjal variety CO- 3 was recorded higher net return (Rs. 196426 / ha) followed by VRM (Br) 2 of Rs. 149277/ha. The lowest net return of Rs. 91743 /ha was recorded in Farmers practice.

Apart from the above statistics the Brinjal variety Co-3 moderately tolerant to shoot borer and Dry rot. Hence it could be concluded that cultivation of Brinjal variety Co-3 can be ideal remunerative to Ellur village, Madukarai block where chilli are predominantly cultivated in Coimbatore district.

6. Assessing the performance of nutrient management practices in Cassava

Cassava is one of the important tuber crop cultivated in Sulurr block of Coimbatore district. Totally 124 ha of area was under cassava cultivation in Sulur block, of which 112 ha area was affected by poor yield, improper nutrient management and micronutrient deficiency during last cropping season.

Two technologies has been assessed in 5 farmers' fields at Paduvampalli village during Kharif 2024. The technologies assessed are i) Farmers practice ii) TNAU Cassava Booster iii) CTCRI Cassava Special .The above technologies were assessed in 5 farmers field at Paduvampalli village of Sulur Block. The yield obtained from CTCRI plot was q/ha when compared to TNAU (q/ha) and Farmers practice (q/ha) respectively. Gross cost incurred in CTCRI, TNAU technology were Rs. /-and Rs. /-/-and the Gross income obtained were Rs. /- and Rs. Rs. /- respectively. The Net return was high in CTCRI i.e Rs. /-, TNAU technology i.e. Rs./- compared to farmers practice i.e Rs /-.Hence the yield from the CTCRI is higher BCR of, TNAU technology had BCR of , whereas it is in farmers practice. Hence it could be concluded that CTCRI Technology can be ideal for Paduvampalli village.

7. Assessing the performance of INM Practices in cotton

Cotton is one of the important fiber crop cultivated in P.N.Palayam block of Coimbatore district. Poor soil fertility, improper nutrient management and poor yield are the major problems in cotton cultivation. Totally 112 ha of area was under cotton cultivation in P.N.Palayam block, of which 82 ha area was affected by poor yield.

Two technologies has been assessed in 5 farmers' fields at Kuppuchipalayam village during Rabi 2024. The technologies assessed are i) Farmers practice ii) TNAU Technology iii) CICR Technology. The above technologies were assessed in 5 farmers field at Kuppuchipalayam village of P.N.Palayam Block. The yield obtained from CICR plot was 242.5 q/ha when compared to TNAU (22.75 q/ha) and Farmers practice (18.25q/ha) respectively. Gross cost incurred in CICR technology, TNAU technology were Rs. 82,810/-, and Rs.84,920/- and the Gross income obtained were Rs. 2,91,000/-, and Rs.2,73,000/- respectively. The Net return was high in CICR technology i.e Rs. 2,08,190/-, TNAU technology i.e. Rs.1,88,080 /- compared to farmers practice i.e Rs 87,810 /-.Hence the yield from the CICR technology is higher BCR of 3.51 , TNAU technology had BCR of 3.21 , whereas it is 2.5 in farmers practice. Hence it could be concluded that CICR Technology can be ideal for cotton crop in Kuppuchipalayam village of P.N.Palayam block where cotton are predominantly cultivated in Coimbatore district.

8. Assessing the performance of different growth enhancers in Tomato

Tomato is one of the important vegetable crop cultivated in Coimbatore district. Poor soil fertility, improper nutrient management, drought, led to poor yield and pest and disease incidences. Totally 468 ha of area was under tomato cultivation in Madukkarai block, of which 321 ha area was affected during last cropping season.

Two technologies has been assessed in 5 farmers' fields at Ellur village during Kharif 2024 The technologies assessed are i) Farmers practice ii) STFR with TNAU Bio Albumix iii) STFR with NBAIM Biogrow. The above technologies were assessed in 5 farmers field at Ellur village of Madukkarai Block. The yield obtained from TNAU plot was 18.36 q/ha when compared to NBAIM (17.45 q/ha) and Farmers practice (15.23 q/ha) respectively. Gross cost incurred in TNAU technology, NBAIM technology were Rs. 82,250/-, and Rs.83,920/- and the Gross income obtained were Rs. 1,46,880/-, and Rs.1,39,600/- respectively. The Net return was high in TNAU technology i.e Rs. 64,630/-, NBAIM technology i.e. Rs.55,680 /- compared to farmers practice i.e Rs 34,550 /-.Hence the yield from the TNAU technology is higher BCR of 1.78 , NBAIM technology had BCR of 1.66 , whereas it is 1.39 in farmers practice. Hence it could be concluded that TNAU Technology can be ideal for tomato crop in Ellur village of Madukkarai Block where tomato are predominantly cultivated in Coimbatore district.

IV. TECHNOLOGIES DEMONSTRATED UNDER VARIOUS CROPS (FLD)

Demonstrations in various crops and enterprises like Paddy, Sorghum, Millets, Pulses, Maize, Bhendi, Onion, Banana, Coconut, Vegetables, Poultry, Dairy, and Nutrigarden have been conducted in Karamadai, Sarkar Samakulam, Thondamuthur, Annur, Anaimalai ,Periyanaickenpalayam and Sultanpet blocks of Coimbatore district.

1. Demonstration of Ragi variety ATL 1 with Integrated crop management

ICM in sorghum was demonstrated in 4 ha of in Senkuttai village of Karamadai block during Kharif 2024. In this demonstration apart from seed variety ATL, we demonstrated seed treatment with bio agents like *Bacillus subtilis, Pseudomonas*, bio fertilizer like *Azospirillum Phosphobacteria* and Soil application of micronutrients. Seed treatment with bio agent has reduced root rot incidence up to 13% foliar application bacillus subtilis reduce sheath blast incidenceand bio fertilizer treated plot reduced the nitrogenous fertilizer application up to 15 %. Apart from, this yield increase of 44.13% was recorded in this demonstration. Farmers got BC ratio of 1.67 in demonstration as against 1.46 in local check.

2. Demonstration of paddy variety Co 55

ICM in paddy was demonstrated in 4 ha of in Vadachithur village of Anaimalai during Kharif 2024.In this demonstration apart from seed material Co 55, we demonstrated seed treatment with bio agents like *Bacillus subtilis* and bio fertilizer like *Azospirillum*, *Phosphobacteria*, *erection of pheromone trap*, *release of Tricho cards and soil application of ZnSo4*@7kgs/Acre was also carried out. Seed treatment with bio agent had reduced sheath rot incidence up to 28% and release of *Trichocards* (*T.chilonis*@ *10cc and T.japannicum* @*10cc*) reduce leaf folder and stem borer incidence up to 38% and 33% respectively. The yield increase of 24% was recorded in this demonstration. Farmers got BC ratio of 1.92 in demonstration as against 1.36 in local check.

3.Demonstration of Bush type Lablab CO-16

Demonstration of Bush type Lablab CO- 16 was demonstrated for 10 farmers in an area of 4 ha at Pallapatti village of Karamadai block. The major problem noticed was cultivation of old variety, Poor nutrient management and pest and disease incidences. The yield increase is 18.27 % than the control plot. Higher BC ratio was recorded in demonstration is 3.11 compared to local check 2.25.

4.Demonstration of Tomato hybrid Co-4

Demonstration of Tomato hybrid Co-4 was demonstrated for 10 farmers in an area of 4 ha at Ellur village, Madukarai block. The major problem noticed was cultivation of old hybrid, susceptible Nutrient deficiency, Poor Soil amendments, Pest & disease incidences leads to low yield were the major problems faced by the tomato of Madukarai block. To overcome these problems, the Kendra has demonstrated new Tomato hybrid Co-4. Demonstration of High yielding hybrid, foliar spray of micronutrients, Erection of lure. Need based pest and disease Management were demonstrated. The yield increase is 20.07 % than the control plot. Higher BC ratio was recorded in demonstration is 2.68 compared to local check 1.78

5.Demonstration of Red Amaranthus CO – 6

Demonstration of Red Amaranthus CO - 6 was demonstrated for 10 farmers in an area of 4 ha at Perumpathi village of Pollachi north block. The major problem noticed was cultivation of old cultivar, susceptible Nutrient deficiency, Poor Soil amendments, Pest & disease incidences leads to low yield were the major problems faced by the Amaranthus of Pollachi north block. To overcome these problems, the Kendra has demonstrated new Red Amaranthus variety CO - 6. Demonstration of Red Amaranthus variety, foliar spray of micronutrients were demonstrated. The yield increase is 13.07 % than the control plot. Higher BC ratio was recorded in demonstration is 4.51 compared to local check 2.93

6.Demonstration of TNAU Cococon for the management of Coconut root wilt disease

Demonstration of TNAU Cococon for the management of Coconut root wilt disease was demonstrated in 10 farmers' fields covering 4 ha at Perumpathi village of Pollachi north block. Major problem noticed were Nutrient deficiency, Poor Soil amendments leads water stress and Kerala root wilt leads to low yield. In this demonstration the Soil application of bio fertilizers and bio agents, Effective moisture conservation by using coconut husk, Increased nutrient uptake, reduced budden shedding by root feeding of coconut tonic and soil application of Cocoon is controlling Kerala root wilt incidence were demonstrated. It gave an additional yield increase of 14.75 % when compared to control plot. Higher BC ratio was recorded in demonstration is 3.72 compared to local check 2.47. The farmers were very much convinced with the performance of soil application of Cocoons is controlling Kerala root wilt incidence and expressed this technology is cost effective and easy to adopt

7. ICM in Beetroot

Low yield due to nutrition deficiency, Lack of awareness about bio fertilizers and bio agents, Yield loss due to sucking pest incidences are the major problems faced by the maize growers of Sultanpet block. To overcome these, Integrated crop Management in Maize demonstration was carried out in Selakkarasal village in an area of 4 ha. Through this demonstration, Soil test based fertilizer recommendation, foliar application micronutrients, and Soil application of micronutrients, bio fertilizers were demonstrated and created awareness among the village farmers. The yield increase is 18.1 % when compared to traditional method of cultivation.

8.ICM in Bitter gourd

Integrated crop management in onion was demonstrated in 10 farmers' fields covering 4 ha at Jallipatti village of Sultanpet block. Technologies like Soil test based fertilizer recommendation, foliar application of micronutrients, and Soil application of bio fertilizers, Erection of sticky and pheromone traps were demonstrated. Through this demonstration, Foliar application of micronutrients considerably increased the fbulb weight and quality. Need based IPM practices reduced the pest incidences. The yield increase is 15.6 % when compared to traditional method of cultivation.

9. Demonstration of composting technology

Mostly the farmers do not know proper composting technologies for converting these wastages into good compost. We demonstrated composting technology by using TNAU bio mineralizer in 10 farmers field at Kuppuchipalayam village during Kharif 2023. The composting time for TNAU bio mineralizer is 112 days and farmers practice is 156 days. This composting agent is highly suitable and a boon for farmers.

10.EDP-Demonstration of coconut-based value-added products

Based on the farmer's interaction due to poor market price, fluctuated market price and involvement of middleman in marketing the coconut grower's they were not getting remunerative price for their produces. To overcome this our Kendra demonstrated EDP on Demonstration of coconut-based value-added products. This demonstration was carried out in Pannimadai village of PN Palayam block of Coimbatore. In addition, for this programme we have selected SHGs and farm women of Karamadai block also. Products like coconut cookies, coconut idlipodi, coconut pickle, and coconut oil based homemade soaps were demonstrated. The product of coconut oil based homemade soaps have good market and consumer feedback. One Liter of oil gave 16 number of Soap at the weight of 75 gms and fetch additional income of Rs. 286 per liter of oil. Two SHGs like Vellai pura and Krishna members were adopted coconut oil based homemade soap preparation technologies

11.EDP on Value added products from millets

Involvement of middle man in marketing the millet entrepreneurs were not getting remunerative price for their produces. To overcome this our Kendra demonstrated EDP on Value added products from millets. This demonstration was carried out in Pathuvam palayam village of Sulur block. For this programme we have selected only millet entrepreneurs. In this programme the products like, Multigrain mix, Laddu, desert, Chapathi and Cookies were demonstrated. This technology will be promoted in large number of entrepreneurs through line departments and KVK trainings. The product of Nutrient dense Ready to use (RTS) Multigrain mix have good market and consumer feedback and fetched additional income of Rs.65 /kg of Nutri mix. Two SHGs members were adopted millet-based value-added product preparation technologies.

12.Demonstration of Nutri-garden

Based on the training and farmers discussion the following problems were noticed Malnutrition among women of reproductive age increases the risk of mortality during labor and delivery which further leads to their newly born children at risk of long term deficiencies. Improving nutritional status, including micronutrient status, can lead to increased productivity, increases child survival and growth. This reduces mental morbidity and mortality. To overcome this problem, Kitchen garden is considered to be the best possible solution. This programme was demonstrated at T.G Pudur and Kuravangandi village of Karamadai block of Coimbatore district. The partners are very happy and actively involved in Nutri garden demonstrations and expressed every month they had spent nearly Rs 1000-1500 for purchase of vegetables except carrot and beans. Due to this demonstration the vegetable purchase cost was saved. In this demonstration nutritionally healthy and eco-friendly fresh vegetables and leafy vegetables were got from these projects.

13.Value added products from fruits:

Lack of awareness about preserving of fruits was noticed. This programme was implemented in Vellamadai village of S.S.Kulam block. Training and method demonstration were conducted for selected beneficiaries. Products such as Tutty Fruity, Mixed fruit jam, Amla Apple, Beet root, Carrot malt were demonstrated Farmer's feedback was collected. This technology will be promoted in large number of entrepreneurs through line departments and KVK trainings. The product of ABC Malt have good market and consumer feedback and fetched additional income of Rs.150 /kg of ABC malt. One SHGs members were adopted malt –based value-added product preparation technologies

V. FARMERS FIELD SCHOOL (FFS)

Farmers Field School is one of the important approaches being adopted in educating as well as technically empowering the farmers. Based on the PRA survey we selected the major problems like Weevil and leaf spot incidence in Banana Nearly 30 farmers were selected for this school. For this programme KVK scientists have acted as facilitator and Mr.Dhanaraj farmer of Vadapudur village of Kinathukadavu block acted as collaborator. Totally 14 classes were organized on the topics such as in Present scenario in Banana cultivation, Factors influencing in Banana production, Ecology assessment for Banana cultivation, Soil fertility management, Soil water conservation, Integrated Pest management, Integrated Disease management, Integrated weevil and Leaf spot management and Harvesting techniques,

Following are the outcome of FFS programme

Result:

- Farmers field school on weevil and Leaf spot management to save plant health
- Mass media coverage on Banana plant protection to ensure health of plants has helped Production of safe and healthy Banana

It gave an additional yield increase of 19.43 % when compared to control plot. Higher BC ratio was recorded in demonstration is 4.88 compared to local check 2.89. The farmers were very much convinced with the performance of pseudo stem injector for managing weevil and foliar spraying of Arka banana special for fruit quality and quantity and expressed this technology is cost effective and easy to adopt and also taken by the nearby villages

1. HDPS in Cotton in collaboration with CICR, Coimbatore (RC)

Poor yield, pest and diseases are the major problems identified in Cotton. This will leads to poor yield and less return. HDPS in Cotton along with PGR was demonstrated in an area of 53 Acres (belongs to 24 farmers) at Kuppuchipalayam,Thottipalayam,Kalipalayam villages of Periyanaikenpalayam block And (belongs to 05 farmers) at Kuppepalayam, Sennaunr villages of Thondamuthur Block during Rabi 2024. Cultivation of Rasi Bt hybrid 929 gave more yield(90X15 CM) i.e 30.5 quintals / ha. Compare to farmer practicing (90X60 CM) i.e 16.4 q/Ha. The yield increase was recorded 29.4 % than the control plot.

2. ELS in Cotton in collaboration with CICR, Coimbatore (RC)

Poor yield, pest and diseases are the major problems identified in Cotton. This will leads to poor yield and less return. ELS in Cotton along with PGR was demonstrated in an area of 30 Acres (belongs to 23 farmers) at Vadapudhur, Sattakalpudhur, Sokkanur, Kallapuram villages of Kinathukadavu Block during Rabi 2024. Cultivation of Mahyco MRC 7918 BG II gave more yield (90X30 CM) i.e 20.5 quintals / ha. Compare to farmer practicing (90X60 CM) i.e 12.5 q/Ha. The yield increase was recorded 25.9 % than the control plot.

Through this project totally 52 farmers were benefited. More over Kisan Mela- 1, workshop -2, Training -5, field day -1 were conducted. Totally 433 farmers and 23 extension functionaries were participated.

VII TRAINING PROGRAMMES

	No. of	No. of Participants								
Area of training	Cours		Genera			SC/ST		Grand Total		
	es	Male	Female	Total	Male	Female	Total	Male	Female	Total
On Campus										
Practicing Farmers	19	211	195	406	38	39	77	249	234	483
Rural Youth	3	16	18	34	3	0	3	19	18	37
Sponsored	8	90	106	196	12	10	22	102	116	218
Total	30	317	319	636	53	49	102	370	368	738
Off campus										
Practicing Farmers	66	936	386	1322	187	97	284	1123	483	1606
Rural Youth	1	0	1	1	1	16	17	1	17	18
Extn Functionaries	1	14	9	23	3	2	5	17	11	28
Sponsored training	9	118	72	190	33	33	66	151	105	256
Vocational training	1	23	5	28	2	0	2	25	5	30
Total	78	1091	473	1564	226	148	374	1317	621	1938
Grand Total (On + Off)	108	1408	792	2200	279	197	476	1687	989	2676

Details of sponsoring agencies involved (for sponsored training programmes)

- 1. ATMA (Agricultural Technology Management Agency)
- 2. NADP (National Agricultural Development Project)
- 3. State Dept of Horticulture
- 4. State Dept of Agriculture
- 5. District Rural Development Agency
- 6. SNS college of Technologies
- 7. COODU NGO

VIII EXTENSION ACTIVITIES

Extension Programmes (including activities of FLD programmes)

SI No	Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
1	Attended as resource person	9	66	9	75
2	Advisory services	11	356	27	383
3	Celebration of important days	7	246	17	263
4	Diagnostic visit	8	45	6	51
5	Exhibition	9	1753	123	1876
6	Exposure visit	14	373	8	381
7	Farmers' Seminar / workshop	13	199	13	212
8	Field day	5	149	12	161
9	Film shows	2	151	12	163
10	Group Discussion	10	166	18	184
11	Kisan Ghosthi	7	461	42	503
12	Kisan Mela	3	315	22	337
13	Method demonstrations	53	1025	104	1129
14	Scientist visit to farmers field	113	1152	128	1280
15	Farmers visit to KVK	277	5179	277	5456
16	World Soil Day	5	220	11	231
17	Workshop	3	216	13	229
18	Other Extension activities	74	2348	332	2680
	Total	623	14420	1174	15594

Details of Other Extension Programmes

SI No	Particulars	Number
1	Exhibition	1876
2	Electronic Media (CD/DVD)	6
3	Extension Literature	12
4	Farmers visit to KVK	5456
5	Literature delivered as a resource person	276
6	Newspaper coverage	22
7	Success stories	6
8	TV Talks and webinar	8
	Total	7662

IX. SOIL AND WATER TESTING LAB

	No. of Sa	amples	No. of	No. of	
Samples/ SHC	Using Mini Soil Through Testing Lab Traditional Lab		Farmers	Villages	
Soil samples	0	987	987	74	
Soil Health Cards (SHC)	0	987	987	74	
Water	0	70	70	15	
Total	0	1057	1057	89	

X. FUNCTIONAL LINKAGE WITH DIFFERENT ORGANIZATIONS

Name of organization	Nature of linkage
 Universities: Tamil Nadu Agricultural University, Coimbatore 	 Technical backstopping for all Agriculture and Horticulture crops Collaboration for conducting training programmes and development programmes for Agriculture and Horticulture enterprises
Tamil Nadu Veterinary Animal Sciences University, Chennai	 Technical backstopping for all livestock enterprises and Entrepreneurs development programmes Support received for conducting mandated activities like OFT, FLD and training programmes
 Avinashilingam University, Coimbatore. Karunya University, Coimbatore PDM University, Hariyana 	 Technical backstopping for women and child development programmes Students RAWE programmes Students RAWE Programmes
 Central Institutes Central Institute for Cotton Research (CICR), Coimbatore 	 Technical resource / guidance for improved and new technologies in cotton cultivation Joint implementation of mandated activities like OFT, FLD and training programmes
 Central Institute of Agricultural Engineering (CIAE), Coimbatore 	 Technical support for implementation of farm mechanization programmes in Bengalgram and Groundnut Technical support for banana Pseudo stem recycling programmes
 Sugarcane Breeding Institute, Coimbatore 	 Technical resource / guidance for improved and new technologies in agriculture
 Institute of Forest Genetics and Tree Breeding, Coimbatore 	 Technical guidance for the production of biofertilizer and bio agents for rural youth
 State departments Department of Agriculture Department of Horticulture Department of Animal Husbandry Department of Agricultural Engineering Department of Sericulture 	 Involving the departments while conducting mandated activities like OFT, FLD and training programmes ATMA training programmes Formation of FPOs Participation in exhibitions and farmers fairs

Department of Forests	> Assessed and Proven technologies are
	transferred to farmers through line departments.
Nationalized banks	
> NABARD	Financial assistance for Formation of
Indian Overseas Bank	SHG/JLG/ Farmers Club and Farmers producer
State Bank of India	organization
Indian Bank	
> District Rural Development Agency	 Formation of IFS Model in all blocks utilizing
Collectorate Coimbatore	MNREGA workers
	Woman and Child Davelonment Programmes
 District Social Welfare Office, Coimbatore. 	for SHGs
Tamil Nadu Mahalir Thittam, Tamil	Women and Child Development Programmes
	for SHGs
Famil Nadu Women Development	Women and Child Development Programmes
Corporation.	
Department of Agricultural marketing	> Establishment of Agri clinics in different parts of
and Farmers Club Federation,	the district for quality input supply
Coimbatore	> Formation of Annam producer company,
	Mettupalayam vegetable producer company,
	Coconut and banana producer company
	Other Farmers producer companies
	Technical guidance to Vinayaga coconut
	producer company, Karpagaviruksham coconut
	producer company, Pollachi coconut producer
	company, Anaimalai coconut producer company,
	Pasumai coconut producer company,
	Kotturmalaiyandipatinam coconut producer
	company, Thirumoorthy farmers producer
	company, Velliangiri farmers producer company,
	Coimbatore Agroforestry producer company,
	Tamil Nadu coconut producer company
	federation.
COODU NGO Coimbatore	Sponsored training Programmes
Community Polytechnics Coimbatore	 For Entrepreneurs development programmes
> SNS, GRD and RV colleges of Arts and	Sponsored training Programmes
Science, Coimbatore	

XI - PERFORMANCE OF INFRASTRUCTURE IN KVK

		Variety	Seed produced		Seed supplied to farmers						Seed supplied to	
Enterprise	Name of crop		Qty (q)	Value (Rs)	F	ree see	d	Priced seed			other agencies	
					Qty (q)	No of farmers	Value (Rs)	Qty (q)	No of farmers	Value (Rs)	Qty (q)	Value (Rs)
Coconuts	Coconut	ТХD	148.2	245666	0	0	0	148.2	8	245666	0	0
Cereals	Paddy	CO 55	0	0	0	0	0	0	0	0	0.75	2850
Cereals	Sorghum	Co 32	0	0	0	0	0	0	0	0	0.75	3000
Vegetables	Bhendi	Arka Anamika	0	0	0	0	0	0	0	0	0.2	20000
Vegetables	Tomato	Arka Samrat	0	0	0	0	0	0	0	0	0.01	40000
Vegetables	Gourds	Hybrid	0	0	0	0	0	0	0	0	0.2	45000
Vegetables	Curry leaf	Sen gampu	0.5	10000	0.5	117	10000	0	0	0	0	0
	Total	-	148.7	255666	0.5	117	10000	148.2	8	245666	1.91	110850

Production of seeds by the KVKs

Production of planting materials by the KVKs

	Name of crop	Variety	Planting material produced		Planting material supplied to farmers						
Enterprise			Quantity	Value	F	Free supply			Priced		
			(Nos)	(Rs)	Quantity (Nos)	No of farmers	Value (Rs)	Quantity (Nos)	No of farmers	Value (Rs)	
Plantation crops	Coconut seedlings	Tall	2200	220000	185	20	18500	2085	131	208500	
Fodder	Cumbu Napier grass	Co 4, Co 5	52000	26000	12000	12	6000	40000	13	20000	
Suckers	Banana	Nenthiran	1900	7600	90	2	360	1810	6	7240	
Azolla	Azolla	-	10	100	4	4	40	6	6	60	
Medicinal plant	Lemon Grass	Tradition al	1000	5000	400	4	2000	600	0	2400	
	Total	-	67300	360000	11600	70	25000	53168	155	323900	

Production of Bio-Products

	Name of the	Bio-products produced		Bio-products supplied to farmers							
Category	product	Quantity	Value	Fre	e distribu	ition		Priced			
	•	(kg)	(Rs)	Quantity (kgs)	No of farmers	Value (Rs)	pplied to farmers Priced Quantity (kgs) No of farmers 245 8 - 1435 14 - 15 15 - 351 49 - 205 21 - 2251 107 1	Value (Rs)			
Bio- fertilizers	VAM	300	18000	55	10	3300	245	8	14700		
	Vermi compost	2000	20000	565	5	5650	1435	14	14350		
Pio inputo	Earthworms for vermin compost	20	10000	5	5	2500	15	15	7500		
BIO-Inputs	Arka Banana special	360	72000	9	9	1800	351	49	70200		
	Arka Vegetable special	210	42000	5	5	1000	205	21	4100		
	Total	2890	162000	639	34	14250	2251	107	110850		

Production of livestock materials

	Name of	Variety	Production		Supplied to farmers						
Category	the		Quantity	Value	Free distribution			Priced			
cutogery	livestock	, anoty	(No)	(Rs)	Qty (No)	No of farmers	Value (Rs)	Qty (No)	No of farmers	Value (Rs)	
Dairy cattle	Cow Calf	Heifer	3	117500	0	0	0	3	3	117500	
Goat and Sheep	Goat	Tellicherry	5	22500	0	0	0	5	5	22500	
Poultry	Desi bird	Kadaganath	10	2000	0	0	0	4	4	1045	
Total			18	142000	0	0	0	12	12	141045	

List of Externally Funded Projects / schemes undertaken by the KVK and operational now, which have been financed by State Govt./Other Agencies

S.No	<i>Title of the programme / project</i>	Sponsoring agency	Objectives	Duration	Amount (Rs)
1	Quality vegetable production	IIHR Bengalure	Skill Training	1 day	95,000.00
2	Organic millet cultivation, Value addition and Marketing	ATMA, Coimbatore	Skill Training	6 days	42,000.00
3	Evaluation of Portable Solar Driyer (Farmers innovation)	MRGS Traders, MTP	Evaluation	-	15,000.00

Training / Workshops / Seminars etc details attended by KVK staff					
S No	Name of the staff	Title	Dates	Duration	Organized by
1	Mrs.N Suganthi SMS – Soil Science	Seminar on soil fertility management	09.03.2024	1 day	TNAU, Coimbatore
2	Ms.P.Pavithra, PA-Lab technician	Attended Farmers Scientist interface meet on Millets	13.03.2024	1 day	TNAU, Coimbatore
3	Mrs.N Suganthi SMS – Soil Science	Organic farming	05.04.2024	1 day	TNAU, Coimbatore
4	Mrs.N Suganthi SMS – Soil Science	Farmers Scientist Interaction	08.04.2024	1 day	TNAU, Coimbatore
5	Mrs.N Suganthi SMS – Soil Science	Farmers Scientist Interaction	30.05.2024	One day	TNAU, Coimbatore
6	Mrs.P Gomathi SMS – Home Science	Post harvest management value addition and marketing logistics for profitable agriculture in agriculture and allied sectors ON Line training	18.06.2024 to 22.06.2024	5 days	EEI Hyderabad
7	Mrs.P Gomathi SMS – Home Science				MANAGE Hyderabad &
8	Ms.P.Pavithra, Programme Assistant Lab Technician	avithra, Programme Agri startup meeting nt chnician	28.06.2024	1 day	Avinashilingam University Coimbatore
9	Mr.S.Sureshkumar SMS Agronomy	Farm Mechanization	01.08.2024	1 day	CIAE , Coimbatore
10	Ms.P.Pavithra, Programme Assistant Lab Technician	Artificial Intelligence and IOT applications in Agriculture and Allied sectors Online Training	05.08.2024 to 09.08.2024	5 days	EEI Hyderabad
11	Mrs.N Suganthi SMS – Soil Science	Workshop on Organic farming	06.08.2024	1 day	TNAU, Coimbatore
12	Mr.S.Sureshkumar SMS Agronomy	Farmers Mel at TNAU, Coimbatore	26.09.2024	1 day	TNAU, Coimbatore
13	Ms.P.Pavithra, Programme Assistant Lab Technician	Attended Coconut Wilt Control Workshop	01.10.2024	1 day	Mannuyir Nammazhvar Team, Pollachi
14	Ms.P.Pavithra, Programme Assistant Lab Technician	Attended World Soil Day Celebration	05.12.2024	1 day	Department of Agriculture Coimbatore
15	Ms.P.Pavithra, Programme Assistant Lab Technician	Attended ICM in pulses (Farmers Field School- Soil sample collection techniques)	23.12.2024	1 day	Department of Agriculture Coimbatore
16	Mr.S.Sureshkumar SMS Agronomy	Attended sustainable agriculture conclave	03.01.2025	1 day	TNAU, Coimbatore

17	Mr.S.Sureshkumar SMS Agronomy	Attended sustainable	03 01 2025	1 day	TNAU, Coimbatore
18	Mr M. Sagadevan SMS - Horticulture	agriculture conclave	00.01.2020		
19	Mr.S.Sureshkumar SMS Agronomy	Farmers Mela	04.01.2025	1 day	ARS, Aruppukottai
20	Mr M. Sagadevan SMS - Horticulture	Attended CDB Foundation day	12.01.2025	1 day	Kalampalayam Coimbatore
21	Mr M. Sagadevan SMS - Horticulture	Attended Manage screening programme	21.01.2025	1 day	VIA college Pollachi
22	Mrs.P Gomathi SMS – Home Science	Kison Chastia Value	06.02.2025	1 day	ATMA Sulur block Coimbatore
23	Ms.P.Pavithra, Programme Assistant Lab Technician	addition			
24	Ms.P.Pavithra, Programme Assistant Lab Technician	Attended Capacity building Training programme on primary processing, packaging and export of fruits and vegetables	13.02.2025	1 day	TNAU and AEC & RI TNAU Coimbatore
25	Mrs.P Gomathi SMS – Home Science	Kison Chastia Value	17.02.2025	1 day	ATMA Sultanpettai block Coimbatore
26	Ms.P.Pavitra, Programme Assistant Lab Technician	addition			
27	Mr.S.Sureshkumar SMS Agronomy	Attended Farmers	26.02.2025	1 day	Salem
28	Mr M. Sagadevan SMS - Horticulture	for budget	20.02.2023		
29	Mr D Ravindran Programme Assistant Computer	Refresher Training for Programme Assistant of	06.03.2025 to 07.03.2025	2 days	DEE, TNAU Coimbatore
30	Ms.P.Pavithra, Programme Assistant Lab Technician	KVK's TamilNadu and Puducherry			
31	Mrs.P Gomathi SMS – Home Science	PK\/Y Programme	07.03.2025	1 day	Department of
32	Mr.S.Sureshkumar SMS Agronomy	r itt i logiainne			Coimbatore
33	Mrs.P Gomathi SMS – Home Science		11.03.2025	1 day	Department of Agriculture Coimbatore
34	Mr.S.Sureshkumar SMS Agronomy	Millet Mela			
35	Ms.P.Pavithra, PA- Lab Technician				

XII. PERFORMANCE OF INFRASTRUCTURE IN KVK

a. Account Statement for the financial year 2024-25

A budget of Rs 202.39 lakhs were sanctioned (RE) by ICAR for the financial year 2024-25 and expenditure was Rs.198.59 lakhs. The Financial Statement during the period from 01.04.2024 to 15.03.2025 is presented. (Amount released during the financial year was Rs.2,02,39,000

SL NO.	PARTICULARS	Sanctioned (RE)	Released	Expenditure
1	RECURRING CONTIGENCIES:		2,02,39,000	
A	Pay & Allowances	1,83,09,000		1,85,39,393
В	Travelling Allowances			-
	Field activities & Training Programmes	1,50,000		1,35,752
2	Office Contingencies			
A	Stationary, telephone, stamps and other expenditure on office running	3,45,000		3,29,962
В	POL and R & M of vehicles, tractor & Equipment's including hiring of vehicle			96,098
3	Technical Programmes			
A	Teaching materials for Training and demonstrations	3,05,00		110
В	On Farm Testing (Problem Oriented)			76,550
с	Front Line Demonstration On major crops including oilseeds & pulses, fodder crops, animal husbandry, fisheries and etc.,			1,26,036
	Total General Contingencies	8,00,000		7,64,508.10
4	SCSP Component		1	1
A	Rs.150/-per person per day towards food & refreshment for KVK Training programmes for farmers/extension personnel			37,835
В	Teaching materials for Training and demonstrations			0
				0
С	Publication of Extension Literature for farmers & extension functionaries			0
C D	Publication of Extension Literature for farmers & extension functionaries On Farm Testing (Problem Oriented)			0 0 56,218
C D E	Publication of Extension Literature for farmers & extension functionaries On Farm Testing (Problem Oriented) Front Line Demonstration On major crops including oilseeds & pulses, fodder crops, animal husbandry, fisheries and etc.,			0 0 56,218 28294
C D E	 Publication of Extension Literature for farmers & extension functionaries On Farm Testing (Problem Oriented) Front Line Demonstration On major crops including oilseeds & pulses, fodder crops, animal husbandry, fisheries and etc., Kisan Melas / Farmers Fair (at KVK farm) 			0 0 56,218 28294 90,500
C D E F G	 Publication of Extension Literature for farmers & extension functionaries On Farm Testing (Problem Oriented) Front Line Demonstration On major crops including oilseeds & pulses, fodder crops, animal husbandry, fisheries and etc., Kisan Melas / Farmers Fair (at KVK farm) Library (purchase of newspaper, Journals and etc.,) 			0 0 56,218 28294 90,500 6,150

I	Farmers Field School			18090
J	EDP programme			8704
к	SCSP activities			41088
	SCSP Component	6,50,000		3,23,695
	Total Contingencies	14,50,000		10,88,203.10
	TOTAL RECURRING	1,97,59,000	2,02,39,000	1,96,27,596.10
5	NON-RECURRING CONTINGENCIES		·	
A	Works	-	-	-
В	Fencing and Farm Development	-	-	-
С	Lab Equipment's	3,00,000		1,92,637
D	SCSP Component (Creation of Physical Assets/Repairs/ Renovation)	1,80,000		38,7390
E	Furniture &Equipment's	-	-	-
F	Information and Communication Tools	-	-	-
	TOTAL NON-RECURRING CONTINGENCIES	4,80,000	0	2,31,376
6	REVOLVING FUND	-	-	-
	GRAND TOTAL	2,02,39,000	2,02,39,000	1,98,58,972.10

STATUS OF REVOLVING FUND ACCOUNT (Last Three Years April 2024 to Feb 2025)

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Closing balance as on 31 st March
April 2022 to March 2023	16,85,763.89	9,72,968.28	12,42,166.64	14,16,565.53
April 2023 to Feb 2024	14,16,565.53	7,26,282.00	9,19,529.56	12,23,317.97
April 2024 to Feb 2025	12,23,317.97	16,19,368.00	9,83,773.96	18,85,952.04

P. Yomes

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