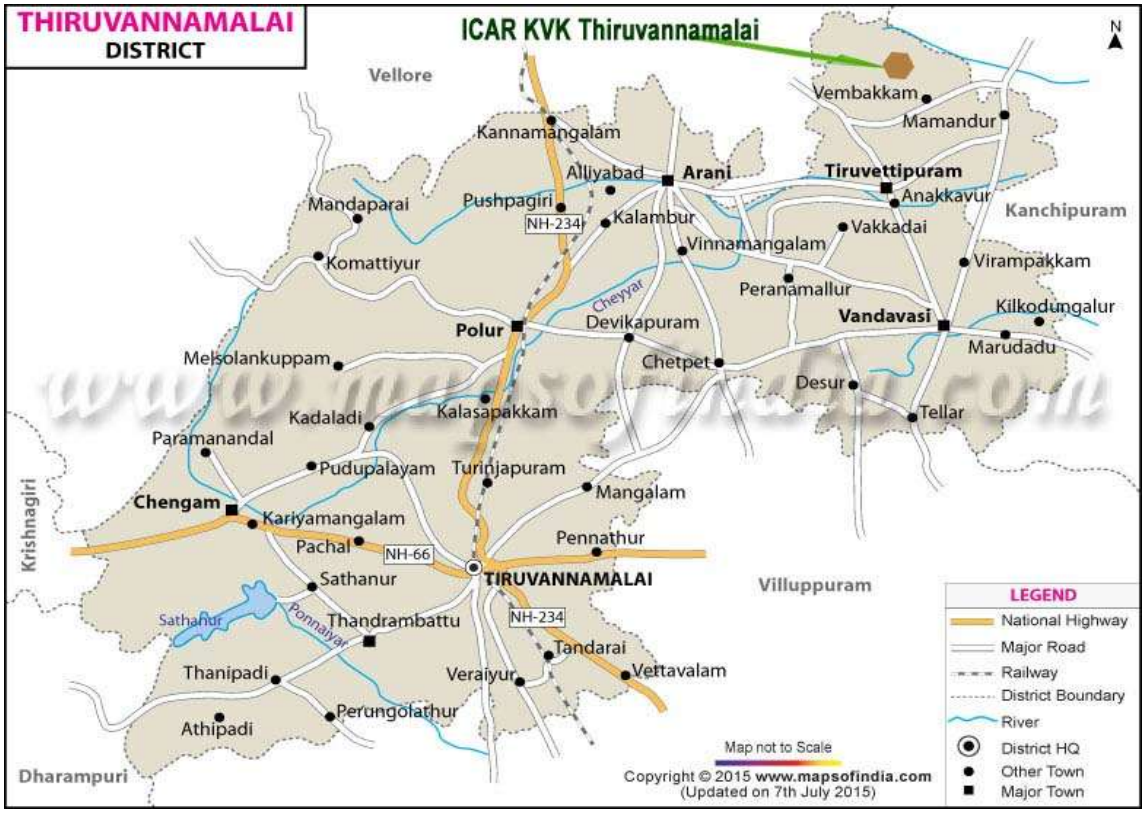
ACTION PLAN 2026-27

1. General information about the Krishi Vigyan Kendra

1.1 Name of the KVK	**ICAR - Krishi Vigyan Kendra**
Address	Kilnelli village, Chithathur post, Vembakkam Taluk, Thiruvannamalai District, Tamil Nadu – 604 410
Phone	04182 – 290551, +916384093303.
Fax	-
e-mail	kvktvmalai91@gmail.com
1.2. Name of host organization	**Tamil Nadu Board of Rural Development**,
Address	359, Kilnelli Village, Chithathur post, Vembakkam Taluk, Thiruvannamalai District, Tamil Nadu – 604 410
Phone	04182-291024
e-mail	tnbrd1978@gmail.com
1.3. Year of sanction	1991
1.4. Website of the KVK	www.kvkthiruvannamalai.com
Date of last update	02.06.2026

1.5. District map with location of the KVK :(12.75123, 79.61514)



2. Details of staff as on date (30-06-2026)

S. No	Sanctioned Post	Name	Discipline	Date of joining	Present Pay Scale
01	Senior Scientist and Head	Vacant	-	-	-
02	Subject Matter Specialist	Mr.V.Suresh	M.Sc., (Agricultural Extension)	20.01.2014	Level 10
03		Mrs.T.Margaret	M.Sc., M.Phil., (Home Science)	04.07.2003	
04		Mr.P.Narayanan	M.Sc., (Plant Pathology)	08.01.2014	
05		Dr.K.Mayakrishnan	M.V.Sc., (Veterinary Extension)	01.07.2019	
06		Mrs.M.Ishwarya	M.Sc., (Agronomy)	10.03.2021	
07		Mr.R.Vijayakumar	M.Sc., (Horticulture)	01.02.2023	
08	Programme Assistant/T4-1	Mr.O.Sekar	MCA Computer Science	01.09.1997	Level 6
09	Programme Assistant/T4-2	Mr.P.Chowthry	B.Sc., Agriculture	02.02.2023	
10	Farm Manager/T4	Mrs.M.Santhi	B.Sc., Agriculture	28.06.2019	
11	Administrative Staff 1 (Assistant)	Mrs.M.Viji	M.Com.,	01.02.1993	
12	Administrative Staff 2 (Stenographer Grade III)	Miss.P.Tamiljayavani	B.Sc., Maths	09.03.2026	Level 4
13	Driver/T1 - 1	Mr.S.Janarthanan	VIII std	01.09.1993	Level 3
14	Driver/T1 - 2	Mr.T.Selvaraj	X std	01.01.1996	
15	Supporting Staff 1	Mr.T.Varadhan	V std	01.02.1994	Level 1
16	Supporting Staff 2	Mr.G.Selvam	IV std	01.07.1995	

3. Details of SAC meeting(s) conducted during 2025-26

Date(s) of SAC meeting(s) Conducted : 11.02.2026

Suggestions and recommendations of the SAC and Action Taken on the Recommendations

S. No.	Suggestions/Recommendations	Name of the SAC Member	Action Taken in brief
1	▪ KVK may document success stories of TSP and SCSP beneficiaries. ▪ The creation of a fodder bank is essential, along with ensuring the production of high-quality seeds and planting materials. ▪ KVK may undertake seed production with farmers on the improved varieties as PPP mode. ▪ KVK should conduct comparative studies on crop economics and reasons for the crop shrinkage or increase area for the year 2025-26 and 2026-27 ▪ Focus should be directed towards affordable agricultural machinery and farming tools for small and medium-sized farmers.	**Shri.S.Ramesh,** President, TNBRD	▪ All points were included in the action plan of 2026-27. ▪ Establishment of fodder Bank at the KVK instructional farm in progress. ▪ Documentation of five success stories of TSP and SCSP beneficiaries is in progress.

2	▪ Raise awareness about welfare schemes for farmers and collateral-free loans available for women in agriculture through both central and state government initiatives. ▪ Agri entrepreneur training for rural youth shall be conducted. ▪ Emphasis should be placed on seed production for paddy and groundnut crops. ▪ Provide training focused on value addition in groundnut.	**Dr. A Bhaskaran** Principal Scientist, ICAR ATARI, Zone X, Hyderabad	▪ Seed production of Paddy and groundnut has been planned in KVK instructional farm during Rabi 2026. ▪ Planned during the training and extension activities of KVK programme. ▪ Its included in the skill and vocational trainings planned in the year 2026-27
3	▪ Promote green manure variety of Daincha Trichy 1 and sunhemp ADT 1. ▪ Promotion of paddy varieties CO57, CO 58, ADT 54, ADT 59 in the district. ▪ Importance may be given on seed production of groundnut variety VRI 10. ▪ Promote sesame variety VRI 4, VRI 5, VRI 6 and TMV 7.	**Dr. K. Natarajan**, Senior Scientist and Head, KVK Cuddalore	▪ Included in the OFT/FLD programme and seed production of groundnut planned through PPP mode.
4	▪ Focus on one or two distinctive activities that align with the district's cropping pattern. ▪ Regularly update the District Profile on the portal. ▪ Provide training on inland fish farming and its value addition.	**Dr.C.V.Sairam,** Principal Scientist, ICAR CIBA, Chennai.	▪ Updation of district profile has been carried out regularly in the KVK website. ▪ Inland fish farming and value addition has been planned in collaboration with CIBA.

5	▪ Awareness on *Metarhizium*, VAM, Parasitoids in the district. ▪ Create whatsapp group consisting of successful farmers and entrepreneurs.	**Mr.J.Gopalkrishan**, DD Agriculture (FTC) Thiruvannamalai	▪ Awareness programme of Bio control agents are planned in all Plant protection programme. ▪ Whatsapp group of KVK has included the successful farmers.
6	▪ Arrange a millet exhibition at KVK. ▪ Educate farmers about the agri cart portal and TNAU during KVK programs. ▪ An exposure visit for farmers could be arranged to CEM, Athiyandal. ▪ Emphasis should be placed on Natural farming. ▪ The KVK may develop a PPP model for seed production in millets.	**Dr.M.Vaithiyalingan** The Professor and Head, Centre of Excellence in Millets, Thiruvannamalai.	▪ Planned during Rabi 2026-27. ▪ Awareness has been created on TNAU Agri cart portal in each of the KVK activities. ▪ KVK has been established three NMNF model units in the farmers field and KVK instructional farm. It has been also promoting natural farming through trainings, extension activities and sponsored programmes since last five years. ▪ The seed production in millets is planned during 2026-2027.
7	▪ Develop and implement entrepreneurship training programs aimed at rural youth. ▪ Collaborate with bankers during KVK initiatives. ▪ An eco-tourism project could be established in KVK with financial support from NABARD.	**Mr.Vijay Neehar** DDM, NABARD, Chennai Metro cluster, Thiruvannamalai.	▪ The detailed proposal for the eco-tourism development at Jawadhu hill has been submitted for the approval by NABARD. ▪ More number of youth entrepreneurship skill training is planned for the year 2026-27.
8	▪ Convergence with Agri engineering during the related training and demonstration in the KVK activities.	**Mr. M. Palani**, Assistant Engineer, Department of Agri Engineering, Anakkavur	▪ Demonstration and awareness programme are planned in collaboration with Department of Agriculture Engineering.

9	▪ KVK may conduct orientation training programme for the bankers ▪ May assist the local bankers to identify the eligible farmers/farm women to avail the loans for their proposed activities.	**Mr.S.Murugan,** LDM, Indian Bank, Thiruvannamalai	▪ Planned during 2026-27.
10	▪ KVK ought to provide training for appropriate crops cultivated using shadenet and nursery production methods. ▪ Training should be conducted on the scientific beekeeping and the management of Rugose spiraling whitefly in coconut.	**Mr. N. Mohan**, ADH, Department of Horticulture and Plantation Crops, Cheyyar	▪ Feasibility studies have been undertaken for the cultivation of capsicum, tomato and other vegetable crops in collaboration with Department of horticulture. ▪ Bee keeping and Rugose white fly management trainings are included in the action plan for the year 2026-27.
11	▪ KVK to conduct training on millet value addition and marketing among millet growers.	**Mr.Y.Sadhik**, Department of Agribusiness and Agrimarketing, Thiruvannamalai	▪ KVK has been giving more number of trainings on millet value addition to the farm women and rural youth with marketing assistance.
12	▪ Training on mulberry nursery production to farmers. ▪ Silk based value added training may be given to SHG women.	**Mr. P. Mani**, Junior Silk Inspector for Sericulture, Thiruvannamalai	▪ Planned during 2026-27.
13	▪ Training on value addition fruits and vegetables and conduct demonstration of low cost machineries.	**Mr. K. Srinivasan**District Industrial Centre, Thiruvannamalai	▪ Included in all the action plan 2026-27.
14	▪ Groundnut seed production training may be given to farmers ▪ Training on natural farming may be given.	**Mr.K.V.Palani,** Farmer, Kalambur, Polur, Thiruvannamalai.	▪ Included in all the action plan 2026-27.

15	▪ Groundnut mechanization training may be conducted.	**Mr.M.Velayutham,** Farmer, Brammadesam, Vembakkam, Thiruvannamalai.	
16	▪ KVK may develop more number of entrepreneurs	**Mr. P. Manimozhi,** Farm woman, Sorappathur, Thiruvannamalai.	▪ KVK has developed 103 entrepreneurs in millets, groundnut, milk, traditional rice since, bee keeping and poultry till 2025-26.

Proposed date/month of SAC Meeting to be held in 2026-27 : 18.12.2026

4.0. Capacity Building activities planned for KVK Staff

4.1. Plan of Human Resource Development of KVK personnel during 2026-27

S. No	Name of the Head/ SMS/Staff	Area of Training	Institution proposed to attend	Duration	Dates (dd/mm/yy)
1	V.Suresh, SMS and SS & Head	Strengthening Agricultural Research with Gender Perspective for Sustainable Agri-Food Systems	Webinar-ICAR – CIFWA, Odisha	3 days	27-07-26 to 29-07-26
2		Impact Assessment of Agricultural Technologies	ICAR-NAARM	5 days	17-08-2026 to 21-08-2026
3		Impactful AI Tools for Agriculture	ICAR-NAARM-Online	5 days	04-01-27 to 08-01-27
4	Mrs.T.Margaret, SMS Home Science	Regulatory Guidelines for Establishment of Agro-based Industries	ICAR-NAARM	5 days	05-10-26 to 09-10-26
5	Mr.P.Narayanan, SMS Plant Protection	Capacity building Programme on Carbon Farming	TNAU, Coimbatore	2 days	12-08-26 to 13-08-26
6		Climate resilient crop protection strategies	National Institute of Plant Health Management, Hyderabad.	3 days	28-10-2026 to 30-10-2026
7	Dr.K.Mayakrishnan, SMS Animal Science	Livestock Production and Management	TANUVAS, Chennai	3 days	05-12-26 to 07-12-26
8	Mrs.M.Ishwarya SMS Agronomy	Advanced techniques in Seed Production Quality Enhancement and storage management	TNAU, Coimbatore	2 days	04-08-26 to 05-08-26
9	Mr.R.Vijayakumar, SMS Horticulture	IoT & AI applications in Agriculture	SAMETI, SKUAST-Jammu	1 day	November 26
10		Bio Resource Centre for Sustaining Natural Farming	MANAGE, Hyderabad	2 days	15.12.26 – 16.12.26

5. Cross-learning across KVKs planned during 2026-27

S.No.	What expertise/ resources KVK can offer/ share to other KVKs		What you expect from other KVKs	
	Subject area/ resource/ expertise	**Mention Other KVK**	**Subject area/ resource/ expertise**	**Mention source KVK**
1	Integrated farming system	KVK, Erode	Innovative agriculture and horticulture techniques	Within the zone – KVK Thiruppathi
2	Vegetable Special supply	KVK Dharmapuri	Vermicompost production using molasses / Tribal Sub Plan project	KVK Perambalur, KVK Ariyalur
3	Improved varieties in Millet	KVK Vellore	Bio agents and organic inputs	KVK Pudhucherry
4	Supply of pulses, oilseeds, Native vegetable and Fodder seeds	KVK Thiruvallur	Organic agriculture	Outside zone –KVK Bengaluru Rural

6. Operational areas proposed during 2026-27

6.1. Details of operational area/cluster villages

District/ Taluk/Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for intervention	Proposed intervention
Vembakkam	Paddy	Lack of adoption of improved varieties, lack of awareness on season specific varieties, low yield, lack of awareness on IPDM, Severe infestation of Brown plant hopper, stem borer, leaf folder, Tungro and wild boar. Drudgery reduction.	1820	**Vembakkam** (Vellakulam, Umaiyalpuram) **SCSP village** (Chettithangal Vengalathur)	FLD, CFLD, Training, Extension activities.
	Groundnut	Cultivation of old varieties, Low yield, Less drought tolerant variety, Incidence of Root rot, leaf spot, rust, Leaf minor and Spodoptera, Wild boar damage, poor yield. Lack of knowledge on value addition.	778		
	Blackgram	Lack of knowledge on disease resistant variety, Low market price, Non synchronized maturity, Incidence of YMV, pod borer and Powdery mildew. Poor knowledge on mechanization, PHT management	338		
	Finger Millet	Lack of awareness on high yielding & drought tolerant variety, Lack of knowledge on value addition. Low market value for raw millets.	865		
	Redgram	Prolonged cultivation of age old varieties, Low market price for small size and non-shiny seeds, Non synchronized maturity, Incidence of sterility mosaic virus, Aphids and Powdery mildew. More labour required for grading and, winnowing of pulses.	84		
	Bhendi	Low yield, Imbalanced nutrition, Non adoption of improved varieties and technologies, susceptible to Yellow vein Mosaic Virus, crucial process during harvest (Thorny stems leads cuts injuries and rashes).	39		

District/ Taluk/Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for intervention	Proposed intervention
	Goat	The ticks, fleas, sucking, biting lice and wound are major issues in Goat production. it will affect the feed intake in turn it will reduce the growth of animals.	370		
	Cow	Low milk production, Low milk fat, High disease incidence of mastitis. Lack of awareness on clean milk production.	480		
	Poultry	Less number of egg production, Low hatchability, Chick mortality, Less feed efficiency.	460		
	Fish	High mortality, Low yield, Lack of knowledge on fish farming.	180		
Cheyyar	Paddy	Lack of awareness on season specific and improved varieties, low yield, lack of awareness on IPDM, Severe infestation of Brown plant hopper, stem borer, leaf folder, Tungro and wild boar. Drudgery reduction.	1675	**Cheyyar** (Pandiyanpakkam, Kilyathur, Akkur) **SCSP village** (Karanai, Kunnavakkam)	OFT, FLD, Training, Extension activities.
	Groundnut	Lack of awareness on the new varieties, poor adoption of improved practices, Cultivation of old varieties, Incidence of Root rot, leaf spot, rust and Leaf minor, poor yield. Lack of knowledge on value addition.	851		
	Finger Millet	Lack of awareness on high yielding & drought tolerant variety, Lack of knowledge on value addition. Low market value for raw millets.	270		
	Redgram	Prolonged cultivation of age old varieties, Low market price for small size and non-shiny seeds, Non synchronized maturity, Incidence of sterility mosaic virus, Aphids and Powdery mildew. More labour required for grading and, winnowing of pulses.	22		

District/ Taluk/Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for intervention	Proposed intervention
	Poultry	Less number of egg production, Low hatchability, Chick mortality, Less feed efficiency.	685		
	Cow	Low milk production, High disease incidence of mastitis. Lack of awareness on clean milk production.Value addition.	515		
Vandavasi	Paddy	Lack of awareness on season specific and improved varieties, low yield, lack of awareness on IPDM, Severe infestation of Brown plant hopper, stem borer, leaf folder, Tungro and wild boar. Drudgery reduction.	1375	**Vandavasi** (Desur,Arasur, Theyyar) **SCSP village** (Thensenthamangalam)	OFT, FLD, Training, Extension activities.
	Groundnut	Cultivation of old varieties, Low yield, Less drought tolerant variety, Incidence of Root rot, leaf spot, rust, Leaf minor and Spodoptera, Wild boar damage, poor yield. Lack of knowledge on value addition.	735		
	Blackgram	Prolonged cultivation of age old varieties, Low market price for small size and non-shiny seeds, Non synchronized maturity, Incidence of YMV, Aphids, and Powdery mildew. More labour required for grading and, winnowing of pulses.	490		
	Bottle gourd Ashgourd	Poor yield, Lack of adoption of location specific hybrids and improved technologies, Imbalanced nutrition, High incidence of fruit fly, Sucking pests, mosaic, Downy mildew, Low fruit set, low number of female flower.	185		
	Fruits and Vegetables	No value addition, Low market price, Lack of knowledge on value addition.	520		

District/ Taluk/Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for intervention	Proposed intervention
	Herbal garden	Lack of awareness on medicinal plants cultivation and its usage for common ailment.	-		
	Goat	The ticks, fleas, sucking and biting lice are major issues in Goat production. it will affect the feed intake in turn it will reduce the growth of animals.	380		
	Cow	Low milk production, High disease incidence of mastitis. Lack of awareness on clean milk production. Value addition.	450		
	Fodder	Feeding of low protein fodder for dairy animals Lack of awareness about cultivation of fodder crops.	71		
Polur	Paddy	Cultivation of old varieties, lack of awareness on season specific varieties, lack of awareness on IPDM, Severe infestation of Brown plant hopper, Blast, BLB, stem borer, Tungro, False smut, wild boar & extensive use of chemical pesticides.	2450	**Padavedu** (Pushpagiri, Anjiputhur)	OFT, FLD, Training, Extension activities.
	Groundnut	Lack of awareness on the new varieties, less drought tolerant, Cultivation of VRI 2, Lack of awareness on non diary flavoured milk, Lack of awareness on non diary flavoured milk, Low market price	1050		
	Finger Millet	Lack of awareness on high yielding & drought tolerant variety, Lack of knowledge on value addition. Low market value for raw millets.	928		
	Tomato	Low yield, more in flower drop, Lack of application on growth regulators, Cultivation of local variety, Lack of adoption of improved hybrids and technologies, Leaf curl in tomato, Incidence of fruit borer and Wilt, Imbalanced nutrition, Poor quality	84		

District/ Taluk/Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for intervention	Proposed intervention
		seedlings. No value addition.			
	Banana	Lack of awareness on MN mixture, Low bunch grade and weight, Fusarium wilt, Nematode incidence and Sigatoka leaf spot, Imbalanced nutrition, Lack of knowledge on improved planting methods, Lack of knowledge on value addition.	153		
	Goat	Lack of knowledge scientific goat rearing, High kid mortality, Low body weight gain, Infertility problem.	410		
	Milk	Distress sale of milk, Lack of awareness in processing, Low shelf life, Bland flavour of paneer, Lack of variety in paneer.	-		
Arni	Paddy	Cultivation of old varieties, lack of awareness on season specific varieties, Yield reduction. Lack of adoption of improved varieties, low yield, lack of awareness on IPDM, Severe infestation of Brown plant hopper, Blast, BLB, stem borer, leaf folder Gall midge, Tungro, False smut, wild boar & extensive use of chemical pesticides. Value addition.	1820	**Arni** (Irumbedu, Nethapakkam) **SCSP village** (Mattathari, Kanikiluppai)	OFT, FLD, CFLD, Training, Extension activities.
	Blackgram	Prolonged cultivation of age old varieties, Low market price and non-shiny seeds, Non synchronized maturity, lack of knowledge on resistant variety, Incidence of YMV and Aphids.	127		
	Groundnut	Lack of awareness on the new varieties, less drought tolerant, Cultivation of VRI 2, Lack of awareness on non diary flavoured milk, Low market price	1125		
	Bhendi	Low yield, Imbalanced nutrition, Non adoption of improved technologies, Yellow vein Mosaic Virus.	52		

District/ Taluk/Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for intervention	Proposed intervention
	Fodder	Feeding of low protein fodder for dairy animals Lack of awareness about cultivation of fodder crops.	310		
	Cow	Low milk production, High disease incidence of mastitis. Lack of awareness on clean milk production. Value addition.	4300		
	Poultry	Less number of egg production, Low hatchability, Chick mortality, Less feed efficiency, Low body weight gain.	220		
	Nutritional security - Herbal	Wide spread prevalence on macro and micronutrient deficiency, Lack of awareness on linkage between sanitation, health and nutrition.	-		
Chetpet	Paddy	Cultivation of old varieties, lack of awareness on season specific varieties, Yield reduction. Lack of adoption of improved varieties, low yield, lack of awareness on IPDM, Severe infestation of Brown plant hopper, Blast, BLB, stem borer, leaf folder Gall midge, Tungro, False smut, wild boar & extensive use of chemical pesticides.	925	**Chetpet** (Indiravanam, Koralpakkam) **SCSP village** Sanikkavadi	OFT, FLD, Training, Extension activities
	Groundnut	Lack of awareness on the new varieties, less drought tolerant, Cultivation of VRI 2, Incidence of Root rot, leaf spot, leaf minor and Spodoptera, poor yield. Lack of knowledge on value addition.	724		
	Blackgram	Prolonged cultivation of age old varieties, Low market price and non-shiny seeds, Non synchronized maturity, lack of knowledge on resistant variety, Incidence of YMV and Aphids.	193		

District/ Taluk/Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for intervention	Proposed intervention
	Brinjal	Low yield, Poor adoption of improved hybrids and technologies, Incidence of shoot & fruit borer and soil borne disease, Imbalanced nutrition, Flower drop, Leaf curl in tomato, Incidence of shoot & fruit borer and little leaf, Wilt, Poor quality seedlings and field establishment. Low market price during on season.	42		
	Poultry	Less number of egg production, Low hatchability, Chick mortality, Less feed efficiency, Low body weight gain.	310		
	Sheep	Kid mortality, Low weight gain, Poor knowledge on disease management, Lack of knowledge on vaccination.	820		
Jamunamarathur	Millet	Lack of knowledge on improved variety and value addition. Low market value for raw millets.	1255	Jamunamarathur (TSP)	OFT, FLD, Trainings, Extension activities
	Paddy	Lack of adoption of improved varieties, low yield, lack of awareness on IPDM, Severe infestation of stem borer, Brown plant hopper, BLB, leaf folder, False smut. Imbalanced nutrient application, lack of utilization of biofertilizer.	197		
	Groundnut	Lack of awareness on the new varieties, poor adoption of improved practices, Cultivation of old varieties, Incidence of Root rot, leaf spot, rust and Leaf minor, poor yield. Lack of knowledge on value addition.	98		
	Tapioca	Low yield, Cultivation of local variety, Lack of adoption of improved hybrids and production technologies.	56		

District/ Taluk/Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for intervention	Proposed intervention
	Bee keeping	Monocropping, Low production, Lack of knowledge on scientific bee keeping and alternate income generation activities, Poor value addition	-		
	Goat	Lack of knowledge scientific goat rearing, High kid mortality, Low body weight gain, Infertility problem.	410		
	Poultry	Less number of egg production, Low hatchability, Chick mortality, Less feed efficiency, Low body weight gain.	250		
	Cow	Low milk production, High disease incidence of mastitis. Lack of awareness on clean milk production. Value addition.	1200		
	Tamarind & Jack fruit	Lack of knowledge on value addition and PHT	-		

6.2. Details of adopted villages

District/Taluk/ Block	Name of cluster villages	Major crops & Enterprises	Major problems identifies in each crop/enterprise	Proposed type of interventions
Thiruvannamalai district	Padavedu, Kilnelli, Karanai, Senal, Kanikiluppai	Paddy	Lack of adoption of improved varieties, low yield, lack of awareness on IPDM, Severe infestation of stem borer, Brown plant hopper, BLB, leaf folder, False smut, wild boar & extensive use of chemical pesticides. Imbalanced nutrient application, lack of utilization of biofertilizer, Lack of knowledge on value addition.	FLD, Training, Extension activities
		Millet	Cultivation of old varieties, Lack of awareness on high yielding & drought tolerant variety, High incidence of Blast disease, Low yield, Lack of knowledge on value addition. Low market price.	FLD, Training, Awareness programme
		Groundnut	Lack of awareness on the new varieties, less drought tolerant, Cultivation of VRI 2, Incidence of Root rot, leaf spot, rust and Spodoptera, poor yield. Lack of knowledge on value addition.	Training, Special programme
		Blackgram	Prolonged cultivation of age old varieties, Non synchronized maturity, Incidence of YMV, Aphids, and Powdery mildew. More labour required for grading and, winnowing of pulses.	Training and Extension activities
		Tomato	Low yield, Cultivation of private hybrids, Lack of adoption of improved hybrids, Incidence of pin worm, wilt, nematode, Tospo virus. Imbalanced nutrition. Poor quality seedlings and No value addition.	OFT, FLD, Training, Extension activities
		Banana	Low bunch grade and weight, Fusarium wilt, Nematode incidence, Pseudo stem weevil and Sigatoka leaf spot, Imbalanced nutrition, Lack of knowledge on improved planting methods, Lack of knowledge on value addition.	FLD, Training and Extension activities
		Cow	Low milk production, High disease incidence. Infertility due to repeat breeding, Lack of awareness on clean milk production.	Training, Extension activities
		Poultry	Less number of egg production, Low hatchability, Chick mortality, Less feed efficiency.	

6.3. Details of DFI villages

District/ Taluk/ Block	Name of cluster villages	Major crops & Enterprises	Major problems identifies in each crop/enterprise	Proposed type of interventions
Cheyyar	Siruveliyanallur	Paddy	Lack of adoption of improved varieties, low yield, lack of awareness on IPDM, Severe infestation of stem borer, Brown plant hopper, BLB, leaf folder, False smut, wild boar & extensive use of chemical pesticides. Imbalanced nutrient application, lack of utilization of biofertilizer.	FLD, Trainings, Extension activities
		Blackgram	Low market price, non-synchronized maturity, Incidence of YMV, pod borer and Powdery mildew. Poor knowledge on mechanization	Training and Extension activities
		Cow	Low milk production, High disease incidence of mastitis. Lack of awareness on clean milk production. Value addition.	Training, Extension activities
		Herbal garden	Lack of awareness on medicinal plants cultivation and its usage for common ailment.	Training and Extension activities
		Fodder	Feeding of low protein fodder for dairy animals, Lack of awareness about cultivation of fodder crops.	Training and Extension activities
Arni	Mattathari	Paddy	Lack of adoption of improved varieties, low yield, lack of awareness on IPDM, Severe infestation of stem borer, Brown plant hopper, BLB, leaf folder, False smut, wild boar & extensive use of chemical pesticides.	FLD, Trainings, Extension activities
		Blackgram	Prolonged cultivation of age old varieties, Low market price and non-shiny seeds, Non synchronized maturity, lack of knowledge on resistant variety, Incidence of YMV and Aphids.	FLD, Training and Extension activities
		Groundnut	Lack of awareness on the new varieties, less drought tolerant, Cultivation of VRI 2, Incidence of Root rot, leaf spot, leaf minor	Trainings, Extension activities

District/ Taluk/ Block	Name of cluster villages	Major crops & Enterprises	Major problems identifies in each crop/enterprise	Proposed type of interventions
			and Spodoptera, poor yield. Lack of knowledge on value addition.	
		Turmeric	Shortage of quality seed rhizomes, Imbalanced nutrition and incidence of leaf spot, rhizome rot, sucking pest and lack of knowledge on IDM practices.	Trainings, Extension activities
		Brinjal	Low yield, Flower drop, Lack of application of growth regulators, Cultivation of local variety, Lack of adoption of improved hybrids and technologies, Leaf curl in tomato, Incidence of shoot & fruit borer and little leaf, Wilt, Imbalanced nutrition, Poor quality seedlings and field establishment. Low market price during on season.	OFT, Training
		Fodder	Feeding of low protein fodder for dairy animals Lack of awareness about cultivation of fodder crops.	Trainings, Extension activities
		Poultry	Less number of egg production, Low hatchability, Chick mortality, Less feed efficiency, Low body weight gain.	Trainings, Extension activities
		Cow	Low milk production, High disease incidence of mastitis. Lack of awareness on clean milk production. Value addition.	OFT, FLD, Training, Extension activities
		Mushroom	Lack of awareness on ready to use mushroom product, Low market price during on-season	Trainings, Extension activities

7. Summary (targets) of mandated activities planned for the year 2026-2027

S.No.	Activities	Target
1. On- farm trials		
	a. No of OFTs	8
	b. No of Technologies (Total new technologies except FP)	16
	c. No. of locations (No. of Villages)	8
	d. No. of Beneficiaries (No. of Farmers fields)	40
	e. Area (Total area in ha)	12
2. Frontline Demonstrations		
	a. No. of FLDs	21
	b. No. of Locations (No of villages)	21
	c. No. of Beneficiaries (No of Farmers fields)	190
	d. Area (Total Area planned in ha)	46
3. Trainings for Farmers and Farm Women		
	a. No. of programmes	90
	b. No. of participants	1350
4. Trainings for Rural Youth		
	a. No. of programmes	10
	b. No. of participants	150
5. Trainings of Extension Personnel		
	a. No. of programmes	10
	b. No. of participants	150
6. Extension Activities		
	No. of activities	260
	No. of participants	7670
7. Production of seed (in quintals)		
Paddy CO51		65.0
Groundnut Grrnar & VRI 10		185.0
Blackgram VBN8		6.0
Millet seeds		5.0
Green manure seeds		3.0
Native vegetable seeds		1.0
8. Production of planting materials (in Nos.)		
Fruit plants		2000
Coconut seedlings		700
Forest Tree seedlings		1000

Fodder setts		10000
9. Production of live-stock strains and finger lings (Category wise Nos.)		
Goat		20
Poultry Chicks- Desi bird		2000
Japanese quail		1000
10. Production of bio inputs (quantity in kg) (Item-wise in Qtl)		
Trichoderma asperellum		2.0
Bacillus subtilis		2.0
Vermicompost		18.0
Vermiworms		1.0
Azolla		0.5
Spawn		0.3
11. Production of other inputs (specify unit) (Item-wise in Qtl)		
Vegetable Special (kg)		3.0
12. Kisan mobile advisories		
	No. of messages	50
	No. of technologies	50
	No. of farmers	120000
Other mobile advisories		
	No. of messages	100
	No. of technologies	100
	No. of farmers	30000
13. Soil testing		
	No. of soil sample testing using Mobile Soil Testing Kit	200
	No. of soil sample testing in conventional laboratory	700
Water sample Testing (samples in No.)		100
Soil Health Cards		
	No. of Cards using Mobile Soil Testing Kit data	200
	No. of Cards using Laboratory data	800

8. Technology Assessmentsproposed during 2026-27

8.1. Summary of OFTs

S. No.	Crop/ enterprise	Title of intervention	Technological options TO-1, TO-2 FP	Source of Technology TO-1 TO-2	Status	No. of trials (replications)	Total cost involved (Rs.)	Team members involved	No. of trials targeted in DFI village(s)	No. of trials targeted under SC-SP
1	Groundnut	Assessment of Groundnut varieties for higher productivity	**TO1:** Groundnut - Girnar 5 **TO2:** Groundnut –TCGS 1694 **FP:** VRI 2	**TO1:** ICAR – 2020 **TO2:** ANGRAU 2023	New	5	30875.00	SMS-Agronomy, SMS- Plant Protection, Senior Scientist and Head.	-	-
2	Finger millet	Assessment of Finger millet varieties for higher yield	**TO1:** Finger millet ATL2 **TO2:** Finger millet ML322 **FP:** Finger millet CO9	**TO1:** TNAU 2024 **TO2:** UASB 2023	New	5	3375.00	SMS-Agronomy, SMS- Plant Protection, Senior Scientist and Head.	-	-
3	Tomato	Assessment of improved tomato hybrids for higher productivity	**TO1:**Arka vishesh **TO2:**COTH 4 **FP:**Private hybrid - Shivam	**TO1:** IIHR, 2020 **TO2:**TNAU 2020	New	5	14500.00	SMS-Horticulture, SMS- Plant Protection, Senior Scientist and Head.	-	5

S. No.	Crop/ enterprise	Title of intervention	Technological options TO-1, TO-2 FP	Source of Technology TO-1 TO-2	Status	No. of trials (replications)	Total cost involved (Rs.)	Team members involved	No. of trials targeted in DFI village(s)	No. of trials targeted under SC-SP
4	Bottle gourd	Assessment of suitable bottle gourd variety in Thiruvannamalai district	**TO1:**Arka Shreyas **TO2:**PLR 2 **FP:**Local variety – CO 1	**TO1:** IIHR, 2022 **TO2:**TNAU, 2019	New	5	10500.00	SMS-Horticulture, SMS- Plant Protection, Senior Scientist	-	-
5	Groundnut	Assessment of IPM for leaf miner in Groundnut	**TO1:**Application of neem cake @ 250 kg/ha; border cropping with Pearl millet; Installation of light trap @ 1/ha; Monitoring with pheromone trap @12/ha; Spraying of Metarhizium anisopliae @ 4g/lit (CFU 10^8 / ml) Need based application of Azadirachtin 1% @ 1.5 ml/lit; Need based application of Novaluron 10 EC @ 2 ml / lit.of Chlorantraniliprole 18.5% SC 60 ml/ac **TO2:**Border crop with pearl millet 3-4 rows	TO1: TNAU 2023 TO2: DGR 2018	New	5	10000.00	SMS- Plant Protection, SMS-Agronomy, Senior Scientist and Head.	-	5

S. No.	Crop/ enterprise	Title of intervention	Technological options TO-1, TO-2 FP	Source of Technology TO-1 TO-2	Status	No. of trials (replications)	Total cost involved (Rs.)	Team members involved	No. of trials targeted in DFI village(s)	No. of trials targeted under SC-SP
			Need based application of Azadirachtin 1% @ 3 ml/lit; Single foliar spray of Spinosad 45SC @ 150 mL/ha or Flubendiamide 39.35SC @ 75-100 ml/ha **FP:** Application of Pesticides							
6	Brinjal	Assessment of bio consortia against soil borne diseases in Brinjal	**TO1:** Application of *Bacillus subtilis*, *Trichoderma asperellum* and *Purpureocillium lilacinum* as seed treatment -10 g/kg and soil application -2.5 kg/ha each and enriched with 50 kg FYM per ha. **TO2:** Arka microbial consortium - seed treatment (20 g/ 100 g) of seeds, soil drenching (20 g/lit) and Soil Application 5kg/ac.	TO1: TNAU 2020 TO2: IIHR 2020	New	5	10000.00	SMS- Plant Protection, SMS- Horticulture, Senior Scientist and Head.	-	-

S. No.	Crop/ enterprise	Title of intervention	Technological options TO-1, TO-2 FP	Source of Technology TO-1 TO-2	Status	No. of trials (replications)	Total cost involved (Rs.)	Team members involved	No. of trials targeted in DFI village(s)	No. of trials targeted under SC-SP
			FP: Application of Copper oxy chloride (2.5 g/lit)							
7	Cow	Assessment of feed supplement for management of repeat breeding in Cow	**TO1:** Heat max powder & Sync Max Gel. **TO2:** Utrovet forte bolus **FP:** Salt in drinking water	**TO1:** VIF, TANUVAS, 2025 **TO2:** NIF, DST, 2025	New	5	15500.00	SMS-Animal Science, Senior Scientist and Head	-	-
8	Cow	Assessment of topical wound heal spray in Cow	**TO1:** Jesh Heal **TO2:** Vet-O-Max spray **FP:** Neem Paste	**TO1:** VIF, TANUVAS, 2025 **TO2:** NIF, DST, 2025	New	5	15000.00	SMS-Animal Science, Senior Scientist and Head	-	5
Total					-	**40**	**109750.00**	-	**-**	**15**

8.2. Details of OFTs

1. Assessment of Groundnut varieties for higher productivity

OFT No.	01
Status (New proposal/2nd year /3rd year)	New proposal
Subject,	Agronomy
Theme	Varietal evaluation
Category (if applicable)	Oilseeds
Crop/ enterprise	Groundnut
Farming situation	Irrigated, clay loam
Prioritized problem (short)	Poor germination and lack of awareness on new varieties
Title of the OFT	**Assessment of Groundnut varieties for higher productivity**
Technology options	
TO-1	**Groundnut variety Girnar 5**
Source and year	ICAR – 2020
Description (short)	It is a bunch type, The duration is about 110-113days, Moderate resistance to late leaf spot, rust, stem rot, and bud necrosis. Tolerant to thrips, leaf miners, and Spodoptera litura. The Yield of the variety is 23tonnes/ha
Potential yield/income	20q/ha
Critical Inputs	Girnar 5 seed - 125 kg**,** *Trichoderma asperellum* – 2.5 kg, Field board - 1 nos
Source of Inputs	Department of Agriculture and KVK, Kilnelli
Photos	
TO-2	**Groundnut variety TCGS 1694**
Source and year	ANGRAU 2023
Description (short)	The duration is about 105 days. It is tolerant to drought, late leaf spot and rust. The yield is about14 q/ha
Potential yield/income	12 q/ha
Critical inputs& quantity and cost	TCGS 1694 seed – 125kg**,** *Trichoderma asperellum* – 2.5 kg,
Source of Inputs	Department of Agriculture and KVK, Kilnelli
Photos	
Farmers Practice	VRI 2
Farmers yield	10 q/ha

Season	*Kharif*
Cost per replication (Rs.)	**Rs.6175.00**
No. of replications	5
Total cost for the OFT	**Rs.30875.00**
Parameters to be studied	No. of pods per plant, Yield-Q/ha.
Parameters to be reported	Yield (Q/ha), BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS, (Agronomy), SMS (Plant Protection), Senior Scientist and Head

2. Assessment of Finger millet varieties for higher yield

OFT No.	02
Status (New proposal/2nd year /3rd year)	New proposal
Subject,	Agronomy
Theme	Varietal evaluation
Category (if applicable)	Millets
Crop/ enterprise	Finger millet
Farming situation	Irrigated, Clay loam
Prioritized problem (short)	Poor yield and Lack of awareness on new varieties, Water scarcity
Title of the OFT	**Assessment of Finger millet varieties for higher yield**
Technology options	
TO-1	Finger millet variety ATL 2
Source and year	TNAU 2024
Description (short)	The Duration is 110-115 days, The Grain yield is 2717 kg/ha,It moderately Resistant to leaf, neck and finger blasts. It is resistant to Brown spot and Grain Mold and Moderately tolerant to Mylocerous weevil
Potential yield/income	21Q/ha
Critical Inputs	ATL2 seed – 12.5 kg, *Trichoderma asperellum* –2. 5 kg, Field board - 1 nos
Source of Inputs	TNAU, Coimbatore and KVK, Kilnelli
Photos	
TO-2	Finger millet variety ML 322
Source and year	UASB 2023
Description (short)	The Duration is 105-110 days, The Grain yield is 2500

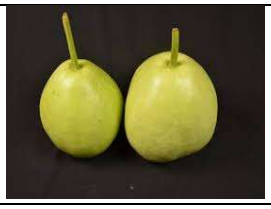
	kg/ha,It resistant to neck and finger blasts. Tolerant to drought
Potential yield/income	20 q/ha
Critical inputs& quantity and cost	ML322 seed – 12.5 kg, *Trichoderma asperellum* – 2.5 kg
Source of Inputs	TNAU, Coimbatore and KVK, Kilnelli
Photos	
Farmers Practice	CO 9
Farmers yield	16 q/ha
Season	*Rabi*
Cost per replication (Rs.)	**Rs.675.00**
No. of replications	5
Total cost for the OFT	**Rs.3375.00**
Parameters to be studied	No. of fingers per plant, Yield (q/ha), BCR
Parameters to be reported	Yield (Q/ha), BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS, (Agronomy), SMS (Plant Protection), Senior Scientist and Head

3. Assessment of improved tomato hybrids for higher productivity

OFT No.	**03**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject	Horticulture
Theme	Varietal Evaluation
Category (if applicable)	Vegetable
Crop/ enterprise	Tomato
Farming situation	Sandy loam, Rabi and Irrigated.
Prioritized problem (short)	Lack of awareness on improved hybrids, low yield and susceptible to pest and diseases.
Title of the OFT	Assessment of improved tomato hybrids for higher productivity
Technology options	
TO-1	Arka vishesh
Source and year	IIHR 2020
Description (short)	Fruits are firm and square-round in shape. Average fruit weight is around 70–75 grams. Develops a deep, attractive

	red color due to high lycopene content (8.5 - 10.5 mg / 100g). Average yield ranges from 75 to 85 tonnes/hectare. Triple disease resistance against Tomato Leaf Curl Virus (ToLCV), Bacterial Wilt, and Early Blight.
Potential yield/income	75 to 85 t/ha
Critical Inputs	▪ Arka Vishesh seed - 150 gm ▪ Vegetable special - 10 kg ▪ Field board - 1 No.
Source of Inputs	IIHR, Bangalore and KVK, Thiruvannamalai.
Photos	
TO-2	COTH4
Source and year	TNAU 2020
Description (short)	Fruits are flat round with thick pericarp (5.84 mm). Green shoulder at breaker stage which turns to red colour at ripening. Fruits are borne in clusters of 5-6 with an average fruit weight of 80-85g. Moderately resistance to leaf curl virus, Yield: 92.3 t/ha.
Potential yield/income	92.3 t/ha
Critical inputs& quantity and Cost	▪ COTH4 seeds - 150 gm ▪ Vegetable special - 10 kg
Source of Inputs	TNAU, Coimbatore and KVK, Thiruvannamalai.
Photos	
Farmers Practice	Cultivation of local hybrids - Shivam
Farmers yield	60 t/ha
Season	Rabi
Cost per replication (Rs.)	R**s.2900.00**
No. of replications	5
Total cost for the OFT	**Rs. 14500.00**
Parameters to be studied	Days to 50 % flowering, Average fruit wt. (g), Yield Q/ha, BCR
Parameters to be reported	Days to 50 % flowering, Average fruit wt. (g), Yield Q/ha, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS- Horticulture, SMS- Plant Protection, Senior Scientist and Head.

4. Assessment of suitable bottle gourd variety in Thiruvannamalai district

OFT No.	**04**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject	Horticulture
Theme	Varietal Evaluation
Category (if applicable)	Vegetable
Crop/ enterprise	Bottle gourd
Farming situation	Sandy loam, Kharif and Irrigated.
Prioritized problem (short)	High incidence of mosaic disease, low yield, lack of awareness on newly released variety.
Title of the OFT	Assessment of suitable bottle gourd variety in Thiruvannamalai district
Technology options	
TO-1	Arka Shreyas
Source and year	IIHR 2022
Description (short)	Produces pear-shaped fruits with a smooth, light-green skin. Each fruit typically weighs between 900g to 1.2kg. Moderately to highly resistant to Gummy Stem Blight. Yield is about 55 to 65 tonnes per ha. Extended shelf life of up to 10 days.
Potential yield/income	55 - 65 t/ha
Critical Inputs	▪ Arka Shreyas seed - 500 gm ▪ Vegetable special - 10 kg ▪ *Trichoderma* - 5 kg ▪ Field board - 1 No.
Source of Inputs	IIHR, Bangalore and KVK, Thiruvannamalai.
Photos	
TO-2	PLR 2
Source and year	TNAU 2019
Description (short)	Round shaped fruit like traditional bottle gourd types, short necked and mottle less light green fruits, average weight of single fruit is 950 g, 12 – 15 fruits per vine, moderate resistant to powdery and downy mildews, yield – 42 t/ha.
Potential yield/income	42 t/ha
Critical inputs& quantity and Cost	▪ PLR 2 - 500 gram ▪ Vegetable special - 10 kg ▪ *Trichoderma* - 5 kg

Source of Inputs	TNAU, Coimbatore and KVK, Thiruvannamalai
Photos	
Farmers Practice	Cultivation of local cultivars – CO 1
Farmers yield	25 t/ha
Season	Rabi
Cost per replication (Rs.)	**Rs.2100.00**
No. of replications	5
Total cost for the OFT	**Rs.10500.00**
Parameters to be studied	Average fruit wt. (g), Average fruit length (cm), Yield Q/ha, BCR
Parameters to be reported	Average fruit wt. (g), Average fruit length (cm), Yield Q/ha, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS- Horticulture, SMS- Plant Protection, Senior Scientist and Head.

5. Assessment of IPM for leaf miner in Groundnut

OFT No.	**05**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject	Plant Protection
Theme	Integrated Pest Management
Category	Oilseeds
Crop/ enterprise	Groundnut
Farming situation	Red loamy soil, Kharif
Prioritized problem	High incidence of Leaf Minor, Lack of knowledge on IPM, Low yield
Title of the OFT	**Assessment of IPM for leaf miner in Groundnut**
Technology options	
TO-1	
Source and year	TNAU 2023

Description	• Application of neem cake @ 250 kg/ha; border crop with Pearl millet. • Installation of light trap @ 1/ha; Mass trapping with pheromone trap @25/ha; • Spraying of *Metarhizium anisopliae* @ 4g/lit (CFU 10^8/ ml) • Need based application of Azadirachtin 1% @ 1.5 ml/lit; • Need based application of Novaluron 10 EC @ 2 ml / lit.
Potential yield/income	-
Critical Inputs	Leaf minor Lure - 50 No, Pheromone Trap - 25 No *Metarhizium anisopliae* – 5 kg,
Source of Inputs	PCI, ABC bio care, Local Agri clinic
Photos	-
TO-2	
Source and year	**NRRI, 2019**
Description (short)	• Border crop with pearl millet 3-4 rows • Need based application of Azadirachtin 1% @ 3 ml/lit; • Single foliar spray of Spinosad 45SC @ 150 mL/ha or Flubendiamide 39.35SC @ 75-100 ml/ha
Potential yield/income	-
Critical inputs& quantity and cost	Azadirachtin – 5 liter Field board - 1 No.
Source of Inputs	Local Agri clinic
Photos	-
Farmers Practice	Application of Pesticides
Farmers yield	16.25 qtl/ha
Season	Kharif
Cost per replication (Rs.)	**Rs. 2000.00**
No. of replications	5
Total cost for the OFT	**Rs. 10000.00**
Parameters to be studied	% infestation, Benefit Cost Ratio, Yield Q/ha
Parameters to be reported	Yield, Gross expenditure, Gross income, Net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	SCSP
Team members	SMS- Plant Protection, SMS- Agronomy, Senior Scientist and Head

06. Assessment of bio consortia against soil borne diseases in Brinjal

OFT No.	**06**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject	Plant Protection
Theme	Integrated Disease Management
Category	Vegetable crops
Crop/ enterprise	Brinjal
Farming situation	Sandy loam soil, Kharif
Prioritized problem	• High incidence of wilt and Root rot • Lack of knowledge on IDM practices • Low yield
Title of the OFT	**Assessment of bio consortia against soil borne diseases in Brinjal**
Technology options	
TO-1	
Source and year	TNAU 2020
Description	Application of *Bacillus subtilis, Trichoderma asperellum* and *Purpureocillium lilacinum* as seed treatment -10 g/kg and soil application -2.5 kg/ha each and enriched with 50 kg FYM/ha.
Potential yield/income	-
Critical Inputs	T*richoderma* - 10 Kg, *Bacillus* - 10 Kg, *Purpureocillium lilacinum* - 10 Kg
Source of Inputs	KVK Thiruvannamalai, Agro bio care
Photos	-
TO-2	
Source and year	IIHR 2020
Description (short)	Arka microbial consortium - Seed treatment (20 g/ 100 g) of seeds, soil drenching (20 g/lit) and Soil Application 5kg/ac.
Potential yield/income	-
Critical inputs& quantity and cost	Arka Microbial Consortium – 20 kg, Field board – 1 No.
Source of Inputs	KVK Idukki
Photos	
Farmers Practice	Application of Copper oxy chloride (2.5 g/lit)
Farmers yield	198.47 qtl/ha
Season	Kharif
Cost per replication (Rs.)	**Rs. 2000.00**
No. of replications	5
Total cost for the OFT	**Rs. 10000.00**

Parameters to be studied	% Disease incidence, Benefit Cost Ratio, Yield Q/ha
Parameters to be reported	Yield, Gross expenditure, Gross income, Net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS- Plant Protection, SMS- Horticulture, Senior Scientist and Head

7. Assessment of feed supplement for management of repeat breeding in Cow

OFT No.	**07**
Status (New proposal/2nd year /3rd year)	New proposal
Subject	Animal Science
Theme	Livestock Production Management
Category (if applicable)	Production Management
Crop/ enterprise	Cow
Farming situation	-
Prioritized problem (short)	Imbalance of minerals in feed of animals causing poor reproduction in cow. Low fertility percentage and prolonger inter calving period.
Title of the OFT	**Assessment of feed supplement for management of repeat breeding in Cow**
Technology options	
TO-1	
Source and year	**VIF, TANUVAS, 2025**
Description (short)	**Heat max powder :** Oral administration 50 g daily for 7-10 days mix with feed /jaggery/ molasses. **Sync Max Gel:** Apply 10-15 g on tail head, vulva & nearby area when animal is not showing heat.
Potential yield/income	-
Critical Inputs	▪ Heat max powder & Sync Max Gel : 5 Pack
Source of Inputs	TANUVAS, Chennai
Photos	
TO-2	
Source and year	**NIF, DST, 2025**
Description (short)	**Utrovet forte bolus:** regulate estrus cycle, reduces repeat breeding and inter calving period. Oral administration of 2 bolus daily for 10 days.
Potential yield/income	-
Critical inputs& quantity and cost	▪ Utrovet forte bolus : 5 Pack ▪ Field board : 1 No.
Source of Inputs	NIF, Bengalure

Photos	
Farmers Practice	Salt in drinking water
Farmers yield	-
Season	Rabi
Cost per replication (Rs.)	**Rs. 3100.00**
No. of replications	5
Total cost for the OFT	**Rs. 15500.00**
Parameters to be studied	Conception rate (%), Milk production (lits), BCR
Parameters to be reported	Conception rate (%), Milk production (lits), BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS Animal Science and Senior Scientist and Head

8. Assessment of topical wound heal spray in Cow

OFT No.	**08**
Status (New proposal/2nd year /3rd year)	New proposal
Subject	Animal Science
Theme	Livestock Disease Management
Category (if applicable)	Disease Management
Crop/ enterprise	Cow
Farming situation	-
Prioritized problem (short)	▪ Open wounds by flies and Maggots are commonly occurs in cattle, it will affect the feed intake in turn reduce the milk production.
Title of the OFT	**Assessment of topical wound heal spray in Cow**
Technology options	
TO-1	
Source and year	**VIF, TANUVAS, 2025**
Description (short)	**Jesh Heal:** Topical application on wound twice daily
Potential yield/income	-
Critical Inputs	▪ Jesh Heal(250ml : 20 Spray
Source of Inputs	TANUVAS, Chennai

Photos	
TO-2	
Source and year	NIF, DST, 2025
Description (short)	**Vet-O-Max spray:** Clean the affected area and apply Vet-O-Max spray twice daily
Potential yield/income	-
Critical inputs& quantity and cost	▪ Vet-O-Max spray(250ml) : 00 spray ▪ Field board : 1 Nos
Source of Inputs	NIANP, Bengaluru
Photos	
Farmers Practice	Neem Paste
Farmers yield	-
Season	Kharif
Cost per replication (Rs.)	**Rs. 3000.00**
No. of replications	5
Total cost for the OFT	**Rs. 15000.00**
Parameters to be studied	Heal days, Milk production (lits), BCR
Parameters to be reported	Heal days, Milk production (lits), BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS Animal Science and Senior Scientist and Head

9. Frontline Demonstrations proposed during 2026-27

9.1. Summary of FLDs

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
1	Finger Millet-Ragi	Demonstration of Organic nutrient management practices in Ragi	Excessive use of inorganic fertilizer	Integrated Crop Management	TNAU, 2024	New FLD	10	4	10500.00	SMS-Agronomy , SMS-Plant Protection, SS& Head	-	-
2	Blackgram	Demonstration of Seed treatment TNAU Nodule Associated Plant Probiotics in Blackgram	No seed treatment leads to poor germination	Integrated Crop Management	TNAU, 2022	New FLD	10	4	10600.00	SMS-Agronomy , SMS-Plant Protection, SS& Head	-	10
3	Green manure crop	Demonstration of Dhaincha TRY1 under Seed production	Poor soil heath management	Varietal demonstration	TNAU 2007	New FLD	10	2	12500.00	SMS-Agronomy , SMS-Plant Protection, SS& Head	-	10

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
4	Maize	Demonstration of Maize COH(M)11	▪ Cultivation of old varieties. ▪ Lack of awareness on high yielding variety. ▪ High incidence of disease. Low yield.	Varietal demonstration	TNAU 2023	OFT converted to FLD	10	4	15750.00	SMS-Agronomy , SMS-Plant Protection, SS& Head	-	0
5	Bhendi	Demonstration of Bhendi hybrid Co(H)5	Low yield due to cultivation of Private hybrids	Early in flowering (33-36 DAS), 23 harvests can be made in a duration of 120 days starting from 38 days after sowing, Moderately resistant to Yellow Vein Mosaic Virus and Enation	TNAU, 2025	OFT converted to FLD	10	4	14500.00	SMS-Horticulture, SMS-Plant Protection, SS& Head	-	10

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
				Leaf Curl Virus (ELCV), Yield: 28.85 t/ha (15.77 % over CO 4).								
6	Ashgourd	Demonstration o ash gourd variety PLR 1	Low yield due to cultivation of local variety	Compact type fruit (350 gm) without off flavour, fewer seeds and more flesh, suitable for all season, yield is 21 ton per hectare. Moderately resistant to fruit fly and less susceptible to leaf miner and red pumpkin beetle. Yield is 8-9 tons/ha.	TNAU 2025	New FLD	10	4	9300.00	SMS-Horticulture, SMS-Plant Protection, SS& Head	-	0

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
7	Cassava	Demonstration on TNAU cassava booster for higher productivity in cassava	Lack of knowledge on micro nutrient application	It is the mixture of organic manure *viz*., cow dung, neem cake and bio control agent along with inorganic nutrients to overcome the CMD, nutritional deficiencies, increasing tuber yield and improving starch content in cassava. Three spray at 2^{nd}, 3^{rd} and 4^{th} month after planting.	TCRS, Yethapur, 2019	OFT converted to FLD	10	4	13000.00	SMS-Horticulture, SS& Head	-	0

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
8	Banana	Demonstration on banana sakthi for yield enhancement in banana	Lack of knowledge on micro nutrient application	It is micro nutrient mixture To increases the productivity by 15 – 20 % and enhances the quality in all varieties. Increase the fruit TSS content. Foliar spray of 2% Banana Shakti with wetting agent at 4, 5 and 6 months after planting is recommended.	NRCB, 2019	OFT converted to FLD	10	4	9000.00	SMS-Horticulture, SS& Head	-	0

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
9	Paddy	Demonstration of IPM for Stem Borer Managementin Rice	▪ Lack of knowledge on IPM Practices ▪ Incidence of Stem borer ▪ Poor yield	IPM	TNAU 2023	OFT converted to FLD	10	4	15000.00	SMS-Plant Protection, SMS-Agronomy, SS& Head	0	10
10	Blackgram	Demonstration of Mungbean Yellow Mosaic Virus resistant Blackgram variety VBN 12	▪ High incidence of YMV disease. ▪ Lack of awareness on resistant variety ▪ Low yield	IDM	TNAU 2025	OFT converted to FLD	10	4	9500.00	SMS-Plant Protection, SMS-Agronomy, SS& Head	10	10

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
11	Groundnut	Demonstration of management of Root rot disease in Groundnut	▪ High incidence of Root rot disease. ▪ Lack of awareness on IDM. ▪ Low yield	IDM	TNAU 2020	2nd year	10	4	11000.00	SMS-Plant Protection, SMS-Agronomy, SS& Head	0	0
12	Snakegourd	Demonstration of Nano parapheromone (cue lure) for the management of fruit fly in Snakegourd	▪ Severe incidence of fruit fly ▪ Lack of knowledge on improved practices ▪ Low yield	IPM	TNAU 2024	New FLD	10	2	10000.00	SMS-Plant Protection, SMS-Horticulture, SS& Head	0	0
13	Tomato	Demonstration of IPM module against Tomato pin worm	▪ High incidence of Tomato pin worm ▪ Lack of knowledge on IPM practices. ▪ Low yield	IPM	TNAU 2022	OFT converted to FLD	10	2	12000.00	SMS-Plant Protection, SMS-Horticulture, SS& Head	0	0

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
14	Poultry	Demonstration of Egg booster powder to improve egg production in poultry	▪ Low egg production. ▪ Thin egg shell ▪ High mortality	Production management	VIF, TANUVAS, 2025	New FLD	10	0	17000.00	SMS-Animal Science, SS& Head	0	0
15	Cow	Demonstration of livofeed liquid for improving production performance in cow	▪ Low milk yield ▪ Low feed intake ▪ Digestive problem	Production management	NIF, DST, 2024	New FLD	10	0	21000.00	SMS-Animal Science, SS& Head	0	0
16	Poultry	Demonstration of Star Chicken under backyard condition	▪ Low egg production. ▪ Low weight gain ▪ High mortality	Production management	TANUVAS, 2021	New FLD	10	0	29500.00	SMS-Animal Science, SS& Head	0	10

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
17	Goat	Demonstration of herbal dewormer in Goat	▪ High occurrence of internal parasite. ▪ Low weight gain ▪ High kid mortality	Disease management	VIF, TANUVAS, 2025	New FLD	10	0	13000.00	SMS-Animal Science, SS& Head	0	0
18	Value addition-Millets	Demonstration on millet foods for nutritional security and Income generation	▪ Lack of knowledge on value addition. ▪ Low market price.	Value addition		New FLD	5	0	15500.00	SMS – Home Science, SMS – Agronomy SS& Head	0	5
19	Value addition-Rice	Demonstration on therapeutic /low glycemic index food products from traditional rice – A promising venture for entrepreneurship (EDP mode)	▪ Lack of knowledge on value addition. ▪ Low market price.	Value addition		New FLD	5	0	14200.00	SMS – Home Science, SMS – Agronomy SS& Head	0	5

S. No.	Category/ Crop or enterprise	Title	Prioritized problem	Technology	Source of Technology	Status	No. of Demo (replications)	Area (ha)/ units	Total cost involved (Rs.)	Team members involved	No. of demos targeted in DFI village (s)	No. of demos targeted under SC-SP
20	Value addition-Tamarind	Demonstration on tamarind value added products	▪ Lack of knowledge on value addition. ▪ Low market price.	Value addition		New FLD	5	0	10900.00	SMS – Home Science, SMS – Horticulture SS& Head	0	0
21	Value addition-Jack fruits	Income enhancement of tribal women through entrepreneurship skills in jackfruit value added products-EDP mode	▪ Lack of knowledge on value addition. ▪ Low market price.	Value addition		New FLD	5	0	15500.00	SMS – Home Science, SMS – Horticulture SS& Head	0	0
Total							**190**	**46**	**289250.00**		**10**	**70**

9.2. Details of Front Line Demonstrations

1. Demonstration of Organic Nutrient management in Ragi (Finger millet)

FLD No.:	**01**
Status (New proposal/2nd year /3rd year)	New FLD
Subject	Agronomy
Category:	Crop Production and Management
Crop/ enterprise:	**Millets**
Farming situation	Irrigated, Loam
Prioritized problem:	Excessive Use of inorganic fertilizer
Title	**Demonstration of Organic Nutrient management in Ragi (Finger millet)**
Technology to be demonstrated:	**Organic Nutrient management**
Source of Technology:	TNAU 2024
Description	Organic nutrient management builds soil fertility through bulky manures, biofertilizers, and liquid organic foliar sprays. This system ensures a steady supply of nutrients, without the use of synthetic chemicals
Potential yield	19q/ha
Critical input, quantity and cost	Finger millet seeds ATL 1 – 50 kg, Panchagavya – 10 litres, Fish Amino Acid – 10 litres, Field Board – 1 No.
Farmers practice	No Usage of Organic Inputs
Source of input	CEM,Athiyandhal, KVK Kilnelli
Photos	
Average farmers yield	16q/ha
Season	*Kharif*
No. of Demos (replications)	10
Total cost for the Demo	**Rs.10500.00**
Parameters to be studied:	Yield : qtl/ha, Benefit cost ratio
Parameters to be reported	Yield : qtl/ha, Benefit cost ratio
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS-Agronomy, SMS-Plant Protection and Senior Scientist and Head

2. Demonstration of Seed treatment with Nodule Associated Plant Probiotics in Blackgram

FLD No.:	**02**
Status (New proposal/2nd year /3rd year)	OFT to FLD
Subject	Agronomy
Category:	Crop production and Management
Crop/ enterprise:	Blackgram
Farming situation	Irrigated, Sandy loamy
Prioritized problem:	
Title	**Demonstration of Seed treatment with Nodule Associated Plant Probiotics**
Technology to be demonstrated:	**Nodule Associated Plant Probiotics**
Source of Technology:	TNAU 2022
Description	Seed treatment Nodule associated plant probiotic for blackgram (Enhancing growth and yield, it can survive under drought and produce several growth harmones and enhance 14% higher yield).
Potential yield	-
Critical input, quantity and cost	Blackgram seeds VBN 8 – 80 kg, Nodule associated plant probiotic – 5 litre, Field board – 1 No.
Farmers practice	No seed treatment
Source of input	
Photos	
Average farmers yield	
Season	*Rabi*
No. of Demos (replications)	10
Total cost for the Demo	**Rs.10600.00**
Parameters to be studied:	Plant population, No. of Pods per plant, Yield-Q/ha.
Parameters to be reported	Yield : qtl/ha, Benefit cost ratio
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS-Agronomy, SMS-Plant Protection and Senior Scientist and Head

3. Demonstration on seed production in Dhaincha TRY 1

FLD No:	**03**
Status (New proposal/2nd year /3rd year)	New
Subject	Agronomy
Category:	Green manures
Crop/ enterprise:	Dhaincha
Farming situation	Rainfed, Clay loam
Prioritized problem:	Poor soil Nutrient management
Title	Demonstration on seed production in Dhaincha TRY 1
Technology to be demonstrated:	Dhaincha TRY 1
Hybrid or Variety:	Variety
Source of Technology:	TNAU 2007
Description	It performs exceptionally well in sodic, saline, and drought-prone soils, helping to reclaim and improve overall soil fertility, add essential organic matter and nutrients to the soil
Potential yield	400 kg/ha
Critical input, quantity and cost	TRY 1- 100 kg, Field Board - 1No.
Farmers practice	No practice of green manures
Source of input	TNAU
Photos	
Average farmers yield	250 kg/ha
Season	Rabi
No. of Demos (replications)	10
Total cost for the Demo	**Rs.12500.00**
Parameters to be studied:	Yield qtl/ha, BCR
Parameters to be reported	Yield : qtl/ha, Benefit cost ratio
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS-Agronomy, SMS-Plant Protection and Senior Scientist and Head

4. Demonstration of Maize COH(M)11

FLD No.:	**04**
Status (New proposal/2nd year /3rd year)	OFT to FLD
Subject	Agronomy
Category:	Cereals
Crop/ enterprise:	Maize
Farming situation	Irrigated, Loam
Prioritized problem:	Poor germination and lack of awareness on new varieties
Title	**Demonstration of Maize COH(M)11**
Technology to be demonstrated:	**Maize COH(M)11**
Hybrid or Variety:	Hybrid
Source of Technology:	TNAU 2023
Description	The duration of the variety is 105 – 110 days. The yield under Irrigated condition is 8100 kg/ha and Rainfed is 6590 kg/ha. It is Drought tolerant and has Better fodder qualities
Potential yield	60q/ha
Critical input, quantity and cost	COH (M) 11 seed - 50 kg, *Trichoderma asperellum* – 10 kg, Field board - 1 No.
Farmers practice	Cultivation of Private hybrid
Source of input	TNAU,Coimbatore
Photos	
Average farmers yield	52q/ha
Season	Kharif
No. of Demos (replications)	10
Total cost for the Demo	**Rs.15750.00**
Parameters to be studied:	Number of cobs per plant, Yield,BCR
Parameters to be reported	Yield : qtl/ha, Benefit cost ratio
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS-Agronomy, SMS-Plant Protection and Senior Scientist and Head

5. Demonstration of Bhendi hybrid Co(H)5

FLD No.	**05**
Status (New proposal/2nd year /3rd year)	OFT converted to FLD
Subject	Horticulture
Category:	Vegetable
Crop/ enterprise:	Ridge gourd
Farming situation	Irrigated, Sandy loam soil
Prioritized problem:	Low yield due to cultivation of Private hybrids
Title	**Demonstration of Bhendi hybrid Co(H) 5**
Technology to be demonstrated:	Varietal Assessment
Hybrid or Variety:	Hybrid – Bhendi Co(H) 5
Source of Technology:	TNAU, 2025
Description	Early in flowering (33-36 DAS), 23 harvests can be made in a duration of 120 days starting from 38 days after sowing, Moderately resistant to Yellow Vein Mosaic Virus and Enation Leaf Curl Virus (ELCV), Yield: 28.85 t/ha (15.77 % over CO 4) .
Potential yield	28.85 t/ha
Critical input, quantity and cost	▪ Bhendi Co(H) 5 seed - 3 kg ▪ Vegetable special - 20 kg ▪ *Bacillus subtilis* - 10 kg ▪ Field board - 1 No.
Farmers practice	Cultivation of private hybrids with conventional production practices
Source of input	TNAU, Coimbatore and KVK, Thiruvannamalai.
Photos	
Average farmers yield	20 t/ha
Season	Kharif
No. of Demos (replications)	10
Total cost for the Demo	**Rs. 14500.00**
Parameters to be studied:	Days to 50% flowering, Average fruit weight (kg), Yield Q/ha, BCR.
Parameters to be reported	Days to 50% flowering, Average fruit weight (kg), Yield Q/ha, BCR.
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS- Horticulture, SMS- Plant Protection, Senior Scientist and Head.

6. Demonstration of ash gourd variety PLR 1

FLD No.	**06**
Status (New proposal/2nd year /3rd year)	New
Subject	Horticulture
Category:	Vegetable
Crop/ enterprise:	Ash gourd
Farming situation	Irrigated, Sandy loam soil
Prioritized problem:	Low yield due to cultivation of local variety
Title	**Demonstration of ash gourd variety PLR 1**
Technology to be demonstrated:	Varietal Assessment
Hybrid or Variety:	Variety –PLR 1 Ash gourd
Source of Technology:	TNAU, 2025
Description	Compact type fruit (350 gm) without off flavour, fewer seeds and more flesh, suitable for all season and terrace garden also, yield is 21 ton per hectare. Moderately resistant to fruit fly and less susceptible to leaf miner and red pumpkin beetle.
Potential yield	21 t/ha
Critical input, quantity and cost	▪ Ash gourd seed - 4 kg ▪ Vegetable special - 20 kg ▪ Field board - 1 No
Farmers practice	Cultivation of local variety with conventional production practices
Source of input	VRS, Palur and KVK, Thiruvannamalai.
Photos	
Average farmers yield	15 t/ha
Season	Kharif
No. of Demos (replications)	10
Total cost for the Demo	**Rs. 9300.00**
Parameters to be studied:	Days to 50% flowering, Average fruit weight (kg), Yield Q/ha, BCR.
Parameters to be reported	Days to 50% flowering, Average fruit weight (kg), Yield Q/ha, BCR.
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS- Horticulture, SMS- Plant Protection, Senior Scientist and Head.

7. Demonstration on TNAU cassava booster for higher productivity in cassava

FLD No.	**07**
Status (New proposal/2nd year /3rd year)	OFT converted to FLD
Subject	Horticulture
Category:	Tuber crop
Crop/ enterprise:	Cassava
Farming situation	Irrigated, Sandy loam soil
Prioritized problem:	Lack of knowledge on micro nutrient application
Title	**Demonstration on TNAU cassava booster for higher productivity in cassava**
Technology to be demonstrated:	Crop Production and Management
Hybrid or Variety:	-
Source of Technology:	TCRS, Yethapur 2019
Description	It is the mixture of organic manure *viz*., cow dung, neem cake and bio control agent along with inorganic nutrients to overcome the CMD, nutritional deficiencies, increasing tuber yield and improving starch content in cassava. Three spray at 2nd, 3rd and 4th month after planting.
Potential yield	42 t/ha
Critical input, quantity and cost	▪ TNAU cassava booster - 100 kg, ▪ Field Board - 1 No.
Farmers practice	Adoption of conventional production practices with soil application of NPK fertilizers (conventional) without proper micro nutrition.
Source of input	TCRS, Yethapur
Photos	-
Average farmers yield	34 t/ha
Season	Rabi
No. of Demos (replications)	10
Total cost for the Demo	**Rs. 13000.00**
Parameters to be studied:	Tuber length (Cm), Tuber weight (g), Yield Q/ha, BCR
Parameters to be reported	Tuber length (Cm), Tuber weight (g), Yield Q/ha, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS- Horticulture, Senior Scientist and Head.

8. Demonstration on banana sakthi for yield enhancement in banana

FLD No.	**08**
Status (New proposal/2nd year /3rd year)	OFT converted to FLD
Subject	Horticulture
Category:	Fruit crops
Crop/ enterprise:	Banana
Farming situation	Irrigated, Sandy loam soil
Prioritized problem:	Lack of knowledge on micro nutrient application
Title	**Demonstration on banana sakthi for yield enhancement in banana**
Technology to be demonstrated:	Crop Production and Management
Hybrid or Variety:	-
Source of Technology:	NRCB, 2019
Description	Banana sakthi increases the productivity by 15 – 20 % and enhances the quality in all varieties. Increase the fruit TSS content. foliar spray of 2% Banana Shakti with wetting agent at 4, 5 and 6 months after planting.
Potential yield	-
Critical input, quantity and cost	▪ Banana sakthi - 30 kg, ▪ Field Board - 1 No.
Farmers practice	Adoption of conventional production practices with soil application of NPK fertilizers (conventional) without proper micro nutrition.
Source of input	NRCB, Trichy
Photos	
Average farmers yield	35 t/ha
Season	Rabi
No. of Demos (replications)	10
Total cost for the Demo	**Rs. 9000.00**
Parameters to be studied:	Bunch weight (kg), number of hands per bunch, yield Q/ha, BCR
Parameters to be reported	Bunch weight (kg), number of hands per bunch, yield Q/ha, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS- Horticulture, Senior Scientist and Head.

9. Demonstration of IPM for Stem Borer Management in Rice

FLD No.	**09**
Status (New proposal/2nd year /3rd year)	New proposal
Subject	Plant Protection
Category:	Cereals
Crop/ enterprise:	Paddy
Farming situation	Irrigated and Clay loam.
Prioritized problem:	Lack of knowledge on IPM Practices, Incidence of Stem borer, Poor yield
Title	**Demonstration of IPM for Stem Borer Management in Rice**
Technology to be demonstrated:	IPM
Hybrid or Variety:	Variety – CO51
Source of Technology:	TNAU 2023
Description	▪ Clip the seedling tips before transplanting to eliminate egg masses. ▪ Install light trap @ 1 / ha ▪ Pheromone trap @ 5 / ac. ▪ Release egg parasitoid, *Trichogramma japonicum @ 2cc /ac* 3 times at weekly interval from 37 DAT ▪ Spray Azadirachtin 0.03% 400 ml/ac. ▪ Need based spraying of Chlorantraniliprole 18.5% SC 60 ml/ac
Potential yield	-
Critical input, quantity and cost	Stem borer Lure - 100 No Pheromone Trap - 50 No Chlorantraniliprole - 600 ml Azadirachtin - 5 lit Field board - 1 No
Farmers practice	Application of Profenofos
Source of input	PCI, Local Agri clinic.
Photos	
Average farmers yield	49.50 Q/ha
Season	Kharif
No. of Demos (replications)	10
Total cost for the Demo	**Rs.15000.00**
Parameters to be studied:	Percent pest incidence, Yield Q/ha, Benefit Cost Ratio
Parameters to be reported	Yield, Gross expenditure, Gross income, Net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others)	SCSP
Team members	SMS - Plant Protection, SMS – Agronomy, SS and Head.

10. Demonstration of Mungbean Yellow Mosaic Virus resistant Blackgram variety VBN 12

FLD No.	**10**
Status (New proposal/2nd year /3rd year)	New proposal/
Subject	Plant Protection
Category:	Pulses
Crop/ enterprise:	Blackgram
Farming situation	Irrigated and red loamy soil
Prioritized problem:	▪ High incidence of YMV disease. ▪ Lack of awareness on resistant variety ▪ Low yield
Title	Demonstration of Mungbean Yellow Mosaic Virus resistant Blackgram variety VBN 12
Technology to be demonstrated:	IDM
Hybrid or Variety:	Variety – VBN 12
Source of Technology:	TNAU 2025
Description	**Cultivation of VBN 12 Blackgram** ▪ Resistant to MYMV, ULCV and powdery mildew diseases; Resistant to whitefly and pod borer. ▪ Parentage: KU 2016 x VBN 3, Duration: 70-75 days ▪ Yield: Irrigated –859kg/ha, Long pod (5.5 - 6.0 cm) andup to 9 seeds/pod. ▪ Photo-insensitive type
Potential yield	-
Critical input, quantity and cost	Blackgram VBN 12 - 40 Kg *Trichoderma asperellum* - 20 Kg *Bacillus subtilis* - 20 Kg Field board - 1 No
Farmers practice	Application of pesticides
Source of input	KVK, NPRC Vamban
Photos	
Average farmers yield	6.89 Q/ha
Season	Kharif
No. of Demos (replications)	10
Total cost for the Demo	**Rs.9500.00**
Parameters to be studied:	Percent disease incidence, Yield Q/ha, Benefit Cost Ratio
Parameters to be reported	Yield, Gross expenditure, Gross income, Net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	SCSP
Team members	SMS - Plant Protection, SMS – Agronomy, SS and Head.

11. Demonstration of management of Root rot disease in Groundnut

FLD No.	**11**
Status (New proposal/2nd year /3rd year)	2nd Year
Subject	Plant Protection
Category:	Oil seeds
Crop/ enterprise:	Groundnut
Farming situation	Rainfed and red loamy soil
Prioritized problem:	▪ High incidence of Root rot disease. ▪ Lack of awareness on IDM. ▪ Low yield
Title	**Demonstration of management of Root rot disease in Groundnut**
Technology to be demonstrated:	IDM
Hybrid or Variety:	Variety – VRI 10
Source of Technology:	TNAU 2020
Description	▪ Summer ploughing ▪ Seed treatment with Carbendazim @2 g/kg of seed ▪ Soil application of *Bacillus subtilis* and *Trichoderma* @ 2.5 kg/ha each mixed with 50 kg FYM on 30 DAS. ▪ Soil drench with carbendazim @ 1 g / l
Potential yield	-
Critical input, quantity and cost	Carbendazim - 2.5 Kg *Trichoderma asperellum* - 20 Kg *Bacillus subtilis* - 20 Kg Field board - 10 no
Farmers practice	Application of pesticides and fungicides
Source of input	KVK, local Agri clinics
Photos	
Average farmers yield	16.80 Q/ha
Season	Kharif
No. of Demos (replications)	10
Total cost for the Demo	**Rs.11000.00**
Parameters to be studied:	Percent disease incidence, Yield Q/ha, Benefit Cost Ratio
Parameters to be reported	Yield, Gross expenditure, Gross income, Net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS - Plant Protection, SMS – Agronomy, SS and Head.

12. Demonstration of Nano parapheromone (cue lure) for the management of fruit fly in Snakegourd

FLD No.:	**12**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject	Plant Protection
Category:	Vegetable crops
Crop/ enterprise:	Snakegourd
Farming situation	Irrigated and sandy loam soil
Prioritized problem:	▪ Severe incidence of fruit fly ▪ Lack of knowledge on improved practices ▪ Low yield
Title	**Demonstration of Nano parapheromone (cue lure) for the management of fruit fly in Snakegourd**
Technology to be demonstrated:	IPM
Hybrid or Variety:	Private Hybrid (MHSN-1)
Source of Technology:	TNAU 2024
Description	▪ Installation of Nano cue lure pheromone trap @ 25/ha for mass trapping of melon fruit fly during flowering stage of the crop.
Potential yield	-
Critical input, quantity and cost	Pheromone trap - 50 Nos Nano Cue lure - 50 Nos Field board - 1 No
Farmers practice	Application of chemical pesticide
Source of input	PCI & TNAU
Photos	
Average farmers yield	402.23 qtl/ha
Season	Rabi
No. of Demos (replications)	10
Total cost for the Demo	**Rs.10000.00**
Parameters to be studied:	Percent infestation, Yield Q/ha, Benefit Cost Ratio
Parameters to be reported	Yield, Gross cost, Gross and net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS - Plant Protection, SMS – Horticulture, SS and Head.

13. Demonstration of IPM module against Tomato pin worm

FLD No.:	**13**
Status (New proposal/2nd year /3rd year)	New Proposal
Subject	Plant Protection
Category:	Vegetable crops
Crop/ enterprise:	Tomato
Farming situation	Irrigated, Sandy clay loam soil
Prioritized problem:	▪ High incidence of Tomato pin worm ▪ Lack of knowledge on IPM practices and Low yield.
Title	**Demonstration of IPM module against Tomato pin worm**
Technology to be demonstrated:	IPM
Hybrid or Variety:	Private Hybrid (Shivam)
Source of Technology:	TNAU, 2022
Description	▪ Collect and destroy the pinworm affected plants and fruits ▪ Keep pheromone traps @ 10 nos./ac to attract and kill the adult moths ▪ *Trichogramma chilonis* @ 20,000/ac/release, coinciding with flowering time. ▪ Spray Chlorantraniliprole 18.5% SC @ 60 ml or Flubendiamide 20% WG @ 60 ml or Indoxacarb 14.5% SC @ 100ml or Neem formulation (Azadirachtin 1% or 5%) @ 400 – 600 ml/ac.
Potential yield	-
Critical input, quantity and cost	Pheromone trap - 50 No Lure - 100 No Neem oil - 5 lit Field board - 1 No
Farmers practice	Application of pesticides
Source of input	PCI, Local agri clinic
Photos	
Average farmers yield	805.24 qtl/ha
Season	Rabi
No. of Demos (replications)	10
Total cost for the Demo	**Rs.12000.00**
Parameters to be studied:	Percent Pest Incidence, Yield Q/ha, Benefit Cost Ratio
Parameters to be reported	Yield, Gross cost, Gross and net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS - Plant Protection, SMS – Horticulture, SS and Head.

14. Demonstration of Egg booster powder to improve egg production in poultry

FLD No.	**14**
Status (New proposal/2nd year /3rd year)	New FLD
Subject	Animal Science
Category	Production Management
Crop/ enterprise	Poultry
Farming situation	-
Prioritized problem:	▪ Low egg production, Thin egg shell and High mortality
Title	**Demonstration of Egg booster powder to improve egg production in poultry**
Technology to be demonstrated:	Demonstration of Egg booster powder
Hybrid or Variety:	-
Source of Technology:	VIF, TANUVAS, 2025
Description	Egg booster powder increases egg production, strengthen eggshells, enhances yolk color and weight and reduces stress and improves FCR. Mix 10-20g per Kg of feed
Potential yield	-
Critical input, quantity and cost	▪ Egg booster powder: 10 kg, ▪ Field Board : 1 No.
Farmers practice	Feeding rice
Source of input	TANUVAS, Chennai.
Photos	
Average farmers yield	-
Season	Kharif
No. of Demos (replications)	10
Total cost for the Demo	**Rs. 17000.00**
Parameters to be studied:	Poultry Weight(Kg), Egg Production (Nos), Mortality(%), BCR
Parameters to be reported	Poultry Weight(Kg), Egg Production (Nos), Mortality(%), BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS – Animal Science, Senior Scientist and Head.

15. Demonstration of livofeed liquid for improving production performance in cow

FLD No.	**15**
Status (New proposal/2nd year /3rd year)	New FLD
Subject	Animal Science
Category:	Livestock Production Management
Crop/ enterprise:	Cow
Farming situation	-
Prioritized problem:	▪ Low milk yield, Low feed intake and Digestive problem
Title	**Demonstration of livofeed liquid for improving production performance in cow**
Technology to be demonstrated:	Demonstration of livofeed liquid
Hybrid or Variety:	-
Source of Technology:	NIF, DST, 2024
Description	▪ Livo feed liquid is an ideal liver tonic for animals, it improves metabolism, helps to detoxify the toxic substances and reduces the stress of the animals.
Potential yield	-
Critical input, quantity and cost	▪ Livo feed liquid(500 ml bottle) : 100 Nos, ▪ Field Board : 1 No.
Farmers practice	Feeding of Bengal gram
Source of input	NIF, Bangalore
Photos	
Average farmers yield	-
Season	Rabi
No. of Demos (replications)	10
Total cost for the Demo	**Rs. 21000.00**
Parameters to be studied:	Milk production (lits), BCR
Parameters to be reported	Milk production (lits), BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS – Animal Science, Senior Scientist and Head.

16. Demonstration of Star Chicken under backyard condition

FLD No.	**16**
Status (New proposal/2nd year /3rd year)	New FLD
Subject	Animal Science
Category:	Production Management
Crop/ enterprise:	Poultry
Farming situation	-
Prioritized problem:	▪ Low egg production, Low weight gain and High mortality
Title	**Demonstration of Star Chicken under backyard condition**
Technology to be demonstrated:	Demonstration of Star Chicken
Hybrid or Variety:	-
Source of Technology:	TANUVAS, 2021
Description	▪ Brown shelled egg producer, Flightiness to evade predation, Optimum egg number of 220 eggs per annum, Good survivability of 92.43% under the backyard system, Multi coloured feather pattern.
Potential yield	-
Critical input, quantity and cost	▪ Star Chicken (Month old) : 250 Nos, ▪ Field Board : 1 No.
Farmers practice	Non descriptive breeds
Source of input	TANUVAS
Photos	
Average farmers yield	-
Season	Kharif
No. of Demos (replications)	10
Total cost for the Demo	**Rs. 29500.00**
Parameters to be studied:	▪ Poultry Weight(Kg), Egg Production (Nos), Mortality(%), BCR
Parameters to be reported	▪ Poultry Weight(Kg), Egg Production (Nos), Mortality(%), BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS – Animal Science, Senior Scientist and Head.

17. Demonstration of herbal dewormer in Goat

FLD No.	**17**
Status (New proposal/2nd year /3rd year)	New FLD
Subject	Animal Science
Category:	Disease Management
Crop/ enterprise:	Goat
Farming situation	-
Prioritized problem:	▪ High occurrence of internal parasite, Low weight gain and High kid mortality
Title	**Demonstration of herbal dewormer in Goat**
Technology to be demonstrated:	Demonstration of herbal dewormer
Hybrid or Variety:	-
Source of Technology:	VIF, TANUVAS, 2025
Description	▪ Growth performance of goat is affected due to worm load. Worm cure is used to control of gastrointestinal parasitic infestation in Goat.
Potential yield	-
Critical input, quantity and cost	▪ Worm Cure(50ml bottle) : 40 Nos, ▪ Field Board : 1 No.
Farmers practice	Alovera and neem leaves
Source of input	TANUVAS
Photos	
Average farmers yield	-
Season	Rabi
No. of Demos (replications)	10
Total cost for the Demo	**Rs. 13000.00**
Parameters to be studied:	▪ Body weight(Kg), Mortality (%), BCR
Parameters to be reported	▪ Body weight(Kg), Mortality (%), BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS – Animal Science, Senior Scientist and Head.

18. Demonstration on millet foods for nutritional security and Income generation

FLD No.	**18**
Status (New proposal/2nd year /3rd year)	Direct FLD (New)
Subject	Home Science
Category:	Value addition
Crop/ enterprise:	Millets
Farming situation	-
Prioritized problem:	Lack of awareness on millet value added products, middle man reliance, Low market price.
Title	**Demonstration on millet foods for nutritional security and Income generation**
Technology to be demonstrated:	RTE and RTU products
Hybrid or Variety:	-
Source of Technology:	IIMR, TNAU (2018, 2023)
Description	▪ Nutritious value added foods from millets including health mix, ready to cook mixes and RTE products.
Potential yield	-
Critical input, quantity and cost	▪ Millets – 22.5 kg, Pulses – 12.5 kg, Others – 17.5 kg ▪ Packing materials ▪ Weighing balance, Sealing machine ▪ Field board -1No.
Farmers practice	Sale as raw millet
Source of input	Local market
Photos	
Average farmers yield	-
Season	Kharif 2026
No. of Demos (replications)	5
Total cost for the Demo	**Rs. 15500.00**
Parameters to be studied:	Shelf life, consumer acceptability, BCR
Parameters to be reported	Shelf life, consumer acceptability, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	SCSP
Team members	SMS – Home Science, SMS – Agronomy and Senior Scientist and Head

19. Demonstration on therapeutic /low glycemic index food products from traditional rice – A promising venture for entrepreneurship (EDP mode)

FLD No.	**19**
Status (New proposal/2nd year /3rd year)	Direct FLD (New)
Subject	Home Science
Category:	Value addition
Crop/ enterprise:	Traditional rice
Farming situation	-
Prioritized problem:	Lack of awareness on traditional rice value added products, middle man reliance, Low market price.
Title	**Demonstration on therapeutic /low glycemic index food products from traditional rice**
Technology to be demonstrated:	RTE & RTU products
Hybrid or Variety:	-
Source of Technology:	TNAU 2018
Description	Enhances shelf life of tamarind products, reduces post harvest losses, improves product quality and hygiene.
Potential yield	-
Critical input, quantity and cost	▪ Traditional rice – 15 kg, ▪ Pulses – 2.5 kg, Others – 8.5 kg ▪ Packing materials ▪ Weighing machine – 1No. Sealing machine – 1 No. ▪ Field board – 1 No.
Farmers practice	Sold as rice
Source of input	Local market
Photos	
Average farmers yield	-
Season	Kharif 2026
No. of Demos (replications)	5
Total cost for the Demo	**Rs. 14200.00**
Parameters to be studied:	Shelf life, consumer acceptability, BCR
Parameters to be reported	Shelf life, consumer acceptability, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	SC/SP
Team members	SMS – Home Science, SMS – Agronomy and Senior Scientist and Head

20. Demonstration on tamarind value added products

FLD No.	**20**
Status (New proposal/2nd year /3rd year)	Direct FLD (New)
Subject	Home Science
Category:	Value addition
Crop/ enterprise:	Tamarind
Farming situation	-
Prioritized problem:	Lack of awareness on tamarind, Low market price.
Title	**Demonstration on tamarind value added products**
Technology to be demonstrated:	Tamarind based RTU & RTE products.
Hybrid or Variety:	-
Source of Technology:	CIPHET, IIHR(2015, 2020)
Description	Enhances shelf life of tamarind products, reduces post harvest losses, improves product quality and hygiene.
Potential yield	-
Critical input, quantity and cost	▪ Preservatives – 1 kg ▪ Jaggery - 10 kg ▪ Packing materials ▪ Weighing balance ▪ Sealing machine ▪ Field board 1 no
Farmers practice	Sold as raw tamarind with seed
Source of input	Local market
Photos	
Average farmers yield	-
Season	Kharif 2026
No. of Demos (replications)	5
Total cost for the Demo	**Rs. 10900.00**
Parameters to be studied:	Shelf life, consumer acceptability, BCR
Parameters to be reported	Shelf life, consumer acceptability, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	TSP
Team members	SMS – Home Science, SMS – Horticulture and Senior Scientist and Head

21. Income enhancement of tribal women through entrepreneurship skills in jackfruit value added products-EDP mode

FLD No.	**21**
Status (New proposal/2nd year /3rd year)	Direct FLD (New)
Subject	Home Science
Category:	Value addition
Crop/ enterprise:	Jackfruit
Farming situation	-
Prioritized problem:	Lack of awareness on jackfruit value added products, Low market price.
Title	**Income enhancement of tribal women through entrepreneurship skills in jackfruit value added products**
Technology to be demonstrated:	RTE products
Hybrid or Variety:	-
Source of Technology:	IIHR Bangalore - 2021, ICAR-CIAE, Bhopal - 2019
Description	▪ Jack fruit chips, papad, jam, halwa, seed flour, seed based health mix
Potential yield	-
Critical input, quantity and cost	▪ Solar drier – 1 No. ▪ Raw materials, ▪ Packing materials, ▪ Weighing balance-1No., ▪ Sealing machine-1 No. ▪ Field board-1 No.
Farmers practice	No value addition
Source of input	Local market
Photos	
Average farmers yield	-
Season	Rabi 2026
No. of Demos (replications)	5
Total cost for the Demo	**Rs. 15500.00**
Parameters to be studied:	Shelf life, consumer acceptability, BCR
Parameters to be reported	Shelf life, consumer acceptability, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	TSP
Team members	SMS – Home Science, SMS – Horticulture and Senior Scientist and Head

9.3. National Food Security Mission (NFSM)

9.3.1. Cluster Frontline Demonstrations on Pulses 2026-27

Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
Pulses	Blackgram	Lack of awareness on improved varieties, Poor tolerance to drought, Cultivation of VBN4, Non availability of bold varieties, Incidence of YMV, Sucking pest and Spodoptera, Low yield.	▪ Seed treatment with *Rhizobium* @ 200 gm, *Bacillussubtillis* 10 gm/kg and*T. asperellum* 4 gm /kg of seed. ▪ Soil application of *Rhizobium*and Phosphobacteria @ 2.5 kg /ha each, *Bacillus subtillis* 2.5kg/ha and *T. asperellum* @ 2.5 kg / ha. ▪ Foliar spray of TNAU pulse wonder 5 kg/ha at pre flowering and yellow sticky trap @ 12 no./ha. ▪ Application of NPV @ 625 SL/ha during incidence.	Variety	VBN-8 & 11	TNAU

Crop/ enterprise	Name of critical input	Qty per Demo	Cost per Demo (Rs)	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team member
Blackgram	VBN 8 Seeds, Rhizobium, Phosphobacteria, *Bacillus subtilis, Trichoderma asperellum*, TNAU pulse wonder, Neem oil, Yellow sticky traps, Indoxicarb 10% EC, MN Mixture & NPV 250 SL.	▪ VBN 8 Seeds - 8 Kgs. ▪ Rhizobium - 1 Kg. Phosphobacteria - 1 Kg. ▪ *B.subtilis* - 2 Kg. ▪ *T. asperellum*- 2 Kgs, ▪ TNAU pulse wonder-2kgs. ▪ Neem oil-250 ml. ▪ Yellow sticky trap - 5 nos. ▪ Indoxicarb 10% EC-100ml. ▪ NPV 250 SL- 250 ml. ▪ Soil health card.	10000//ha	150	600000/-	▪ Plant population/ sqm. ▪ No. of branches /plant. ▪ Yield (q/ha). ▪ BCR	SMS Agronomy, SMS Plant Protection, Senior Scientist and Head.

9.3.2. Cluster Front Line Demonstrations on Oil Seeds 2026-27

Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology
Oilseeds	Groundnut	Lack of awareness on the new varieties, less drought tolerant, Cultivation of VRI 2, Incidence of Root rot, leaf spot, rust and Spodoptera, Leaf minor, Low yield	▪ Demoof VRI 10/TMV14 groundnut variety ▪ Seed treatment and soil application of Rhizobium@ 1 kg /acre. ▪ Seed treatment and soil application of T.asperellum and *Bacillussubtilis* (Consortia) @ 2 kg /acre each. ▪ Basal application of micronutrient mixture @ 5 kg /acre. ▪ Foliar application of groundnut rich @ 2.25 kg/acre at 30 and 45 DAS. ▪ Application of gypsum @ 160 kg/acre at Basal and 45 DAS.	Variety	VRI-10/ TMV-14	TNAU

Crop/ enterprise	Name of critical input	Qty per Demo	Cost per Demo (Rs)	No. of Demo	Total cost for the Demo (Rs.)	Parameters to be studied	Team member
Groundnut	Groundnut Seed, *Rhizobium* *Phosphobacteria* Yellow sticky trap Groundnut rich Neem oil Chlorantriliniprole Emamectin benzoate *Bacillus*	50 kg 1 litre 1 litre 5 nos 4 kg 1 litre 60 ml 100 g 1 kg	14000/ha+ Others	200	**13,28,000.00**	▪ Plant population/ sqm. ▪ No. of pods /plant. ▪ Yield (q/ha). ▪ BCR	SMS Agronomy, SMS Plant Protection, Senior Scientist and Head.

10. Special Programmes 2026-27

S. No.	Category/ Crop or enterprise	Prioritized problem	Title of Technology	Source	No. of Demo	Area (ha)/ Units	Details of critical inputs	Total cost involved (Rs.)	Names of the team members involved
1	IFS	-	-	-	-	-	-	-	-
2	FFS	-	-	-	-	-	-	-	-
3	NFDB	-	-	-	-	-	-	-	-
4	SERP	-	-	-	-	-	-	-	-
5	Enterprise	-	-	-	-	-	-	-	-

11. Externally funded projects

11.1. Projects summary

S.No.	Title	Funding agency	Duration in years	Year of start	Physical details (no. of programmes, participants, area etc.)	Total budget (Rs)	Current year budget(Rs)	Team Members Involved
1	Training cum exposure visit on Sericulture	NABARD	20 days	2026-27	60 Progressive farmers	733000/-	-	SS & Head SMS–Plant Protection, SMS Agronomy
2	STRY : Organic farming	Department of Agriculture	6	2026-27	15 Rural youth	42000.00/-	-	SS & Head, SMS Agronomy SMS Plant Protection, SMS Horticulture

11.2. Project details

1. Training cum exposure visit on Sericulture (CAT)

Funding Agency	NABARD
State/Central/Over Seas	Tamil Nadu
Title	Training cum exposure visit to Central Sericultural Germplasm Resources Centre, Hosur (CAT)
Objectives	To improve the economic and social upliftment To promote sustainable practices To generate employment at the village level.
Study area	Thiruvannamalai district.
Methodology	Training and Exposure visit.
Team Members	SS & Head, SMS–Plant Protection, SMS Agronomy
Budget	**Rs. 733000/-**

2. STRY : Organic farming

Funding Agency	Department of Agriculture
State/Central/Over Seas	Tamil Nadu
Title	Production of Organic farming
Objectives	❖ To impart knowledge on organic farming ❖ To facilitate production of organic inputs among the rural youth. ❖ To reduce the chemical fertilizers
Study area	Thiruvannamalai district
Methodology	Training and Demonstration
Team Members	SS & Head, SMS Agronomy, SMS Plant Protection, SMS Horticulture
Budget	**Rs. 42000/-**

12. Trainings planned during 2026-27

12.1. Trainings for Farmers and Farm Women planned during 2026-27

S.No	Thematic area	Crop / Enterprise	Major problem	Linked field intervention (OFT/ FLD)	Training Course Title	No. of Courses	Expected No. of participants (including SC/ST Farmers)	Names of the team members involved
1	Crop Production	Paddy	Lack of awareness on season specific varieties lead to low yield	.	ICM practices for paddy	3	45	SMS Agronomy, SMS Plant protection., SS & Head
	Crop Production	Blackgram, Greengram,	Cultivation of low yielding varieties, Severe incidence of YMV, Sterility mosaic virus, Powdery mildew, Shattering during harvest, Long duration, Labour intensive, Low yield.	**FLD:** Demonstration of seed treatment with nodule associated plant Probiotics	ICM practice for pulses	3	45	SMS Agronomy, SMS Plant protection., SS & Head
2	Crop Production	Finger millet	Cultivation of long duration and old varieties, Lack of awareness on high yielding variety, High incidence of pest and disease.	**OFT:**Assessment of Finger millet varieties for higher yield **FLD:** Demonstration of Organic Nutrient Management in Finger millet	ICM practice for Finger millet	3	45	SMS Agronomy, SMS Plant protection., SS & Head

3	Crop Production	Groundnut	Lack of awareness on the new varieties, less drought tolerant, Cultivation of VRI 2, Incidence of Root rot, leaf spot, rust and Spodoptera, Low yield.	**OFT:** Assessment of Groundnut varieties for higher yield	ICM practice for groundnut	3	45	SMS Agronomy, SMS Plant protection., SS & Head
4	Crop Production	Maize	Cultivation of old varieties, Lack of knowledge on nutrient management practices, Poor yield, Lack of knowledge on value addition. High incidence of Fall army worm.	**FLD:** Demonstration of Maize COH(M)11	ICM practice for Maize	2	30	SMS Agronomy, SMS Plant protection, SS & Head
5	Crop Production	Sugarcane	Lack of awareness on the new varieties, Irrigation schedule, Low yield and lack of knowledge about cultivation practices	-	ICM practice for sugarcane	1	15	SMS Agronomy, SMS Plant protection, SS & Head
6	Crop Production	Dhaincha	Lack of awareness on green manures cultivation and poor soil health management	**FLD:**Demonstration on Seed production in Dhaincha TRY 1	ICM practice in paddy	1	15	SMS Agronomy, SMS Plant protection, SS & Head
7	Horticulture	Ridge gourd Bitter gourd, Bottle gourd, Ash gourd	Low fruit set, Lack of adoption of improved production technologies, less female flower	**OFT :**Assessment of suitable bottle gourd variety in Thiruvannamalai district	Precision farming technologies	2	30	SMS Horticulture, SMS Plant protection Senior Scientist and Head
					ICM in cucurbits	1	15	

				FLD : Demonstration of ash gourd variety PLR 1				
8	Horticulture	Brinjal, Chillies, Tomato	Low yield, Flower drop, Lack of adoption of location specific hybrids/varieties, Lack of application of growth regulators, Lack of adoption of improved technologies, Imbalanced nutrition,	**OFT :**Assessment of improved tomato hybrids for higher productivity	ICM Technology	3	45	SMS Horticulture, SMS Plant protection Senior Scientist and Head.
9	Horticulture	Bhendi	Lack of adoption of improved production technologies and hybrids	**FLD:** Demonstration of Bhendi hybrid Co(H) 5	ICM Technology	2	30	SMS Horticulture, SMS Plant protection Senior Scientist and Head
10	Horticulture	Cassava	Low tuber yield and weight, deficiency of micro nutrients	**FLD :** Demonstration on TNAU cassava booster for higher productivity in cassava	INM in cassava	2	30	SMS Horticulture, SMS Plant protection Senior Scientist and Head
11	Horticulture	Vegetables	Low germination rate, Poor quality seedlings and field establishment	-	Improved nursery management technologies	2	30	SMS Horticulture, SMS Plant protection Senior Scientist and

								Head.
12	Horticulture	Fruits and Vegetables	Lack of knowledge on organic farming technologies	-	Organic / Natural farming in Horticultural crops	3	45	SMS Horticulture, SMS Plant protection Senior Scientist and Head
13	Horticulture	Fruits	Lack of knowledge of propagation techniques in fruit crops	-	Propagation techniques in fruit crops	1	15	SMS Horticulture, SMS Plant protection Senior Scientist and Head
14	Horticulture	Banana	Lack of adoption of improved production technologies and micro nutrient application	**FLD:** Demonstration on banana sakthi for yield enhancement in banana	INM technologies	1	15	SMS Horticulture, SMS Plant protection Senior Scientist and Head
15	Agro-forestry	Forest trees	Lack of awareness on improved agro forestry systems	-	Agro forestry systems for income generation	1	15	SMS Horticulture, SMS Plant protection Senior Scientist and Head

16	Fodder Production and Management	Fodder	Feeding of low protein fodder for dairy animals Lack of awareness about cultivation of fodder crops.	-	Mixed fodder production technology	1	15	SMS Animal Science, SS & Head
17	Livestock Production and Management	Cow	Imbalance of minerals in feed of animals causing poor reproduction. Low fertility. Open wounds by flies and Maggots are commonly occurs in cattle, it will affect the feed intake in turn reduce the milk production.	**OFT:** Assessment of feed supplement for management of repeat breeding in Cow **OFT :** Assessment of topical wound heal spray in Cow	Dairy management	2	30	SMS Animal Science, SS & Head
			Low milk yield, Low feed intake and Digestive problem	**FLD:** Demonstration of livofeed liquid for improving production performance in cow	Integrated Nutrition management in cow	2	30	SMS Animal Science, SS & Head
			Lack of awareness on clean milk production.	-	Clean milk production	2	30	SMS Animal Science, SS & Head
			High cost of feed, Lack of awareness on low cost feed formulation.	-	Feed production and management	1	15	SMS Animal Science, SS & Head

18	Livestock Production and Management	Sheep & Goat	High occurrence of internal parasite, Low weight gain and High kid mortality	**FLD:** Demonstration of herbal dewormer in Goat	Integrated Nutrient Management	1	15	SMS Animal Science, SS & Head
					Integrated Disease management in sheep and goat	1	15	
					Importance of deworming and vaccination in small ruminants	1	15	
19	Poultry Production and Management	Poultry	Low egg production, Low weight gain and High mortality, Low disease resistance**.**	**FLD :** Demonstration of Star Chicken under backyard condition	Backyard poultry farming	2	30	SMS Animal Science, SS & Head
			Low egg production, Thin egg shell and High mortality	**FLD :** Demonstration of Egg booster powder to improve egg production in poultry	Production and Disease management in native chicken	2	30	SMS Animal Science, SS & Head
			High feed cost, Imbalanced nutrient supply of scavenging birds.	-	Feed management in poultry	1	15	SMS Animal Science, SS & Head

		Quail	Lack of awareness on improved breeds, Low number of eggs	-	Japanese quail farming	1	15	SMS Animal Science, SS & Head
20		Fish	Lack of awareness on fish farming, High mortality	-	Inland fish farming	1	15	SMS Animal Science, SS & Head
21	Home Science/Women empowerment	Paddy, Millets& Pulses	Lack of awareness value addition in traditional rice in millets. Low market price. Lack of awareness on alternate sources for refined wheat flour.	**FLD:**Demonstration on therapeutic /low glycemic index food products from traditional rice – A promising venture for entrepreneurship (EDP mode)	Preparation of traditional rice and millet based products.	2	30	SMS Home science, SS & Head
22	Plant Protection	Paddy	Lack of awareness on IPDM practices, Blast, Stem borer, leaf folder, Leaf spot, BLB, False smut and BPH, Rat and wild boar damage.	**FLD:** Demonstration of stem borer management in Rice.	Integrated pest & disease management in paddy	4	60	SMS Plant protection, SS & Head
23	Plant Protection	Maize	Lack of awareness on IPDM practices, incidence of fall army worm.	-	Integrated pest management in maize	1	15	SMS Plant protection, SS & Head

24	Plant Protection	Blackgram, Greengram	Lack of awareness on Resistant variety, Severe incidence of YMV, pod borer and Poor yield.	**FLD:** Demonstration of Mung bean Yellow Mosaic Virus resistant Blackgram variety VBN 12	Integrated pest & disease management	1	15	SMS Plant protection, SS & Head
25	Plant Protection	Groundnut	Incidence of root rot, tikka leaf spot, Spodoptera, leaf minor, and wild boar. Poor yield.	**OFT :** Assessment of IPM for leaf miner in Groundnut **FLD :**Demonstration of management of Root rot disease in Groundnut	Integrated Pest & Disease Management in Groundnut	2	30	SMS Plant protection, SS & Head
26	Plant Protection	Sugarcane	Lack of Knowledge on IPDM, Yield loss due to different borers and severe incidence of root grub.	-	Integrated pest management in sugarcane	1	15	SMS Plant protection, SS & Head
27	Plant Protection	Banana	Severe incidence of wilt, Nematode, sigatoka leaf spot, Improper management practices and lack awareness on IPDM.	-	Integrated pet and disease management	1	15	SMS Plant protection, SS & Head

28	Plant Protection	Tomato	Lack of knowledge on disease resistant hybrids, Pinworm, *Helicoverpa*, Tospo virus, Whitefly, Nematode incidence	**OFT :**Demonstration of IPM module against Tomato pin worm	Integrated pest management	1	15	SMS Plant protection, . SS & Head
29	Plant Protection	Brinjal	Lack of knowledge on IPM, Shoot and Fruit borer, wilt, little leaf and yield loss.	**OFT:** Assessment of microbial consortia for management soil borne diseases in Brinjal	Integrated pest and disease management	2	30	SMS Plant protection, SS & Head
30	Plant Protection	Chilli	High incidence of wilt, root rot, Thrips, die back, yield loss, Lack of knowledge on IPM	-	Integrated pest and disease management	1	15	SMS Plant protection, SS & Head
31	Plant Protection	Gourds	Severe incidence of fruit fly, mosaic, sucking pests, poor yield.	**FLD :** Demonstration of Nano parapheromone (cue lure) for the management of fruit fly in Snakegourd	Integrated pest and disease management	1	15	SMS Plant protection, SS & Head

32	Plant Protection	Mushroom	Lack of knowledge on alternate income generation activity, Low income	-	Production technologies for oyster mushroom	1	15	SMS Plant protection, SS & Head
33	Plant Protection	Bee Keeping	Lack of awareness on bee keeping, Low income.	-	Bee keeping technologies	1	15	SMS Plant protection, SS & Head
34	Plant Protection	Sericulture	Lack of knowledge on silkworm rearing and secondary agriculture, poor income	-	Silkworm rearing technologies	1	15	SMS Plant protection, SS & Head
35	Production of Inputs at site	Vermi compost	Low soil fertility, Low yield, Lack of knowledge on composting techniques	-	Compost production technology	2	30	SMS Agronomy, SMS Agrl. Extn.
36	Others- Value addition	Groundnut	Lack of awareness on non dairy flavoured milk and Low market price.	-	Preparation of groundnut based value added products.	2	30	SMS Home science, SMS Agrl. Extn.
37	Others- Value addition	Millets	Lack of awareness on millet value addition, Low market price.	**FLD:** Demonstration on millet foods for nutritional security	Value addition in millet based products	2	30	SMS Home science, SMS AgrlExtn.,

				and Income generation				SS and Head
38	Others- Value addition	Field crops	Lack of awareness on value addition, Low market price.	-	Value addition in field crops	2	30	SMS Home science, SMS AgrlExtn., SS and Head
39	Others- Value addition	Fruits and Vegetables	Low market price during season, lack of awareness in value addition.	**FLD:** Demonstration on tamarind value added products **FLD:** Demonstration on tamarind value added products	Preparation dehydrated vegetables Preparation of tamarind paste	4	60	SMS Home science, SMS Horticulture, SMS Agrl. Extn.
40	Others- Value addition	Milk	Low shelf life of paneer, Bland flavour of paneer, Lack of variety in paneer.	-	Preparation of pannier and probibiotic products	2	30	SMS Home science, SMS Animal Science, SMS Agrl. Extn
41	Drudgery reduction	Field crops	Acute labour scarcity, Time consuming process, lack of knowledge in women friendly equipments.	-	Drudgery reducing farming equipments	2	30	SMS Home science, SMS Agrl. Extn
42	Nutri-gardern	Nutri-gardern	Lack of awareness on nutri-garden and balanced diet	-	Establishment of nutrigarden for balanced diet	2	30	SMS Home science, SMS Agrl. Extn
TOTAL					**-**	**90**	**1350**	**-**

12.2. Trainings for Rural Youth planned during 2026-27

S. No	Thematic area	Crop / Enterprise	Major problem	Linked field intervention (OFT/ FLD)	Training Course Title	No. of Courses	Expected No. of participants	Names of the team members involved
1	Nursery Management of Horticulture crops	Vegetables	Shortage of availability of quality planting materials	-	Nursery Seedling production in vegetable crops	1	15	SMS Horticulture, SMS Plant protection Senior Scientist and Head
2	Training and pruning of orchards	-	-	-	-	-	-	-
3	Protected cultivation of vegetable crops	-	-	-	-	-	-	-
4	Commercial fruit production	-	-	-	-	-	-	-
5	Integrated farming	-	-	-	-	-	-	-
6	Seed production	Groundnut	Lack of awareness	-	Production Technology for Groundnut cultivation	1	15	SMS Agronomy, SMS Plant Protection, SS & Head
7	Production of organic inputs	Paddy	Lack of awareness	-	Traditional Preparations as organic inputs	1	15	SMS Agronomy, SMS Plant Protection, SS & Head

		Field and horticultural crops	Intensive application of pesticides, Residual effects, Resurgence development and Lack of knowledge on bio pesticides.	-	Bio pesticides production	1	15	SMS Plant protection SMS Agrl Extn.,
8	Planting material production	Fruit crops	Lack of knowledge on production of fruit seedlings	-	Propagation techniques in fruit crops	1	15	SMS Horticulture, SMS Plant protection Senior Scientist and Head
9	Vermi-culture	-	-	-	-	-	-	-
10	Mushroom Production	Mushroom	Lack of knowledge on alternate variety, Low income	-	Production technologies for oyster mushroom	1	15	SMS Plant protection, SMS Home science, SS & Head
11	Bee-keeping	-	-	-	-	-	-	-
12	Sericulture	-	-	-	-	-	-	-
13	Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-

14	Value addition	Millets	Lack of awareness in value addition, Low market price during season.	-	Preparation millet based value added products	1	15	SMS Home science, SMS Agronomy, SS & Head
		Mushroom		-	Value added products in oyster mushroom	1	15	SMS Home science, SMS Plant Protection, SS & Head
15	Small scale processing	-	-	-	-	-	-	-
16	Post Harvest Technology	-	-	-	-	-	-	-
17	Tailoring and Stitching	-	-	-	-	-	-	-
18	Rural Crafts	-	-	-	-	-	-	-
19	Production of quality animal products	-	-	-	-	-	-	-
20	Dairy farming	-	-	-	-	-	-	-
21	Sheep and goat rearing	Goat	Lack of awareness on scientific goat farming	-	Scientific goat farming	1	15	SMS Animal Science, SMS, SS & Head
22	Quail	-	-	-	-	-	-	-
23	Piggery	-	-	-	-	-	-	-
24	Rabbit farming	-	-	-	-	-	-	-

25	Poultry production	Desi birds	Lack of knowledge on improved breeds, Low egg production, Low feed efficiency	-	Backyard poultry farming	1	15	SMS Animal Science, SMS, SS&H
26	Ornamental fisheries	-	-	-	-	-	-	-
27	Composite fish culture	-	-	-	-	-	-	-
28	Freshwater prawn culture	-	-	-	-	-	-	-
29	Shrimp farming	-	-	-	-	-	-	-
30	Pearl culture	-	-	-	-	-	-	-
31	Cold water fisheries	-	-	-	-	-	-	-
32	Fish harvest and processing technology	-	-	-	-	-	-	-
33	Fry and fingerling rearing	-	-	-	-	-	-	-
34	ICT	-	-	-	-	-	-	-
Total						**10**	**150**	-

12.3. Trainings for Extension Personnel planned during 2026-27

S. No	Thematic area	Training Course Title	No. of Courses	No. of Participants
1	Productivity enhancement in field and horticultural crops	Advanced production technologies in agricultural crops	1	15
		Recent technologies in horticultural crops	1	15
2	Integrated Pest Management	Recent advances in Plant Protection	1	15
3	Integrated Nutrient management	Integrated Plant Nutrition Techniques in horticultural crops	1	15
4	Rejuvenation of old orchards		-	-
5	Protected cultivation technology		-	
6	Production and use of organic inputs	Bio-inputs production and their application methods	1	15
7	Care and maintenance of farm machinery and implements	-	-	-
8	Gender mainstreaming through SHGs	-	-	-
9	Formation and Management of SHGs	-	-	-
10	Women and Child care	-	-	-
11	Low cost and nutrient efficient diet designing	-	-	-
12	Group Dynamics and farmers organization	Business plan for Farmer producer company shareholders	1	15
13	Information networking among farmers	-	-	-
14	Capacity building for ICT application	-	-	-
15	Management in farm animals	Improved technologies in livestock management	1	15
16	Poultry production and management	Backyard poultry farming	1	15
17	Household food security	-	-	-
18	Any other-Organic farming	Natural/organic farming in field crops	1	15
19	Any other-Value addition	Value addition in millet and Groundnut	1	15
Total			**10**	**150**

12.4. Skill trainings and vocational trainings planned during 2026-27

S. No.	Training title	Duration (Days)	No. of programmes	Sponsoring agency	Participants (Nos.)	Name of the team members
1	Natural Farming/Organic farming	3 days	1	-	10	SMS Agronomy, SS& Head
2	Improved nursery management techniques in fruit and vegetable crops.	3 days	1	-	10	SMS Horticulture, SMS Plant Protection, SS& Head
3	Bio pesticides production and application.	3 days	1	-	10	SMS Plant Protection, SS& Head
4	Value addition in fruits and vegetables	3 days	1	-	10	SMS Home science, SMS Horticulture, SS& Head
5	Scientific poultry rearing	3 days	1	-	10	SMS Animal Science, SS & Head
Total		**-**	**5**	-	**50**	-

12.5. Sponsored trainings planned during 2026-27

S. No.	Thematic area and the Crop/Enterprise	Training title	No. of programmes and Duration (days)	Type of Clientele*	Expected No. of participants	Sponsoring agency	Names of the team members involved
1	Crop production	Skill training under STRY	1 (6 Days)	Rural Youth	20	Department of Agriculture, Thiruvannamalai	SMS Agronomy SMS Plant Protection
		Crop Management	2 (3 days)	Practicing farmers and farm women	20	ATMA	SMS Agronomy SMS Plant Protection
2	Fodder Production	Disease management	2 (5 days)	Farmers and farm women	40	NFDB, Hyderabad	SMS Animal Science Senior Scientist and Head
3	Value addition (Fruits & vegetables)	Fruits and vegetable preservation techniques.	1 (3 days)	Women	20	National Mission on Food Processing	SMS Home science, SMS Horticulture
	Value addition (Field crops)	Preparation of instant mix.	1 (3 days)	Women	20		SMS Home science, SMS Agronomy
	Value addition (Field crops)	Preparation of Bakery products.	1 (3 days)	Women	20		SMS Home science, SMS Agronomy
Total					**140**	**-**	**-**

13. Extension programmes planned during 2026-27

S. No.	Extension programme	No. of programmes	No. of Participants	Team member involved
1	Advisory Services	25	125	Senior Scientist and Head, SMS Agronomy, SMS Horticulture, SMS Home Science, SMS Plant Protection, SMS Animal Science.
2	Diagnostic visits	10	150	
3	Field Day	12	240	
4	Group discussions	5	180	
5	Kisan Ghosthi	2	250	
6	Film Show	5	100	
7	Kisan Mela	2	200	
8	Exhibition	1	500	
9	Scientists' visit to farmers field	60	300	
10	Plant/Soil health/Animal health camps	9	600	
11	Ex-trainees Sammelan	1	50	
12	Farmers' seminar/workshop	3	150	
13	Method Demonstrations	15	250	
14	Celebration of important days	5	500	
15	Special day celebration	2	200	
16	Exposure visits	1	50	
17	Technology week	1	300	
18	FFS	1	25	
19	Awareness programs including FUE	50	1000	
20	Lecture delivered	50	2500	
	Total	**260**	**7670**	
Other Extension Activities				
21	Farmers visit to KVK	250	400	
22	TV/Radio Programme	20	0	
23	News clips	75	0	
24	Popular Articles	10	0	
25	Research Article	2	0	
26	Extension Literatures	13	6000	
27	Kisan Sarathi Mobile Advisory Services	20	27000	
28	Advisory service other than Mkisan	30	45000	
Total		**420**	**78400**	

13.1 Extension Studies

a. Impact of CFLD Pulses on yield, economics and spread of technology – Network project with other KVKs.

S.No.	Particulars	Details	Comments of Session Expert & Chairperson
1.	Name of the KVK	Thiruvannamalai	✓ The study can be take-up. ✓ The indicators and statistical tool to be clearly mentioned ✓ Sample size 60
2.	Type of Study Proposed	Impact Study	
3.	Title	Impact of CFLD Pulses on yield, economics and spread of technology	
4.	Rationale	CFLD is being conducted under NFSM to improve the pulses production in the country hence it is imperative to assess its impact in the district	
5.	Objectives	To study the yield, economics and technology spread among farmers	
6.	Methodology	Assessment Year : Past 3 years, Interview Schedule	
7.	Sample Size	60	
8.	Statistical Tool	-	
9.	Study Proposed By	V.Suresh SMS (Extn)	

b. Impact of TSP programmes implemented by KVKs in Tamil Nadu

S.No.	Particulars	Details	Comments of Session Expert & Chairperson
1.	Name of the KVK	Thiruvannamalai	✓ The study can be take-up. ✓ The parameters can be limited viz., employment generation, technology adoption, skill gained ✓ The study can be revised as "Study of effectiveness of SCSP programme on selective parameters" ✓ statistical tool to be clearly mentioned ✓ Sample size 150-200
2.	Type of Study Proposed	Impact Study	
3.	Title	Impact of TSP programmes implemented by KVKs in Tamil Nadu	
4.	Rationale	KVKs are implementing various activates under TSP programme for the years together but the effectiveness of the programme are not known	
5.	Objectives	1. To understand the needs and effectiveness of the vulnerable community district wise. 2. To analyse the factors	

		responsible for spread and adoption of various activities. 3. To measure the adoption level under each activities.	
6.	Methodology	Ex- post facto Research Design	
7.	Sample Size	Not mentioned	
8.	Statistical Tool	Not mentioned	
9.	Study Proposed By	V.Suresh SMS (Extn)	

14. Activities proposed as Knowledge and Resource Centre during 2026-27

14.1. Technological knowledge

Sl. No.	Category	Details of technologies	Area (ha)/ Number	Names of the team members involved
1	Technology Park/ Crop cafeteria	Finger millet ATL 2	0.001	SS & Head SMS Agronomy SMS Plant protection, Farm manager
		Groundnut TCGS1694	0.001	
		Sun hemp	0.001	
		Spiny Brinjal	0.02	SS & Head SMS Horticulture, SMS Plant protection, SMS Animal Science Farm manager
		Bhendi COB(H)5	0.01	
		Tomato COTH4	0.02	
		Multi fruit garden	0.02	
		Nutrigarden	0.02	
		Herbal garden	0.02	
		Fodder cowpea	0.01	
2	Demonstration Units	Azolla production unit	1 No.	SMS Agronomy SS & Head Farm manager
		Vermicompost production	1 No.	
		Food processing units -Oil extraction unit	1 No.	SMS Home Science SS & Head
		Food processing units -Bakery production unit	1 No.	
		Food processing units -Extruder	1 No.	
		Food processing units -Portable Solar dryer	1 No.	
		Fruit orchard-HDP in Mango, Guava	7.0	SMS Horticulture SMS Plant Protection Farm manager
		Miyawaki Agroforestry	0.34	
		Shadenet Nursery	1 No	
		Mist Chamber	1 No	

		Mushroom production	1 No	SMS Plant protection
		Bee hives	5 No	SMS Plant Protection Farm manager
		Desi bird Poultry production	1 No	SMS Animal Science Farm manager
		Dairy	1 No	
		Slatted floor Goatery unit	1 No	
		Japanese Quail	1 No	
		Turkey	1 No	
		Fish pond	1 No	
		Hatchery	1 No	
		Fodder cafeteria	1 No	
3	Lab Analytical services	Soil	1 No	PA Lab Technician SMS Plant Protection
		Water		
		Plant	1 No	
4	Technology Week	Drought mitigation technologies Mechanization in groundnut Organic farming/Natural farming IPDM modules Scientific livestock farming Precision farming in vegetables High density planting in fruit crops. Soil health enhancement Secondary Agriculture Foliar nutrition Value addition in millets, Oilseeds, milk, Fruits and vegetables.	1 No	All staff

14.2 Technological products planned to be produced in the KVK during 2026-27

Sl. No.	Category	Name of the product	Quantity (Qtl.)/ Number planned to be produced	Names of the team members involved
1	Seeds	Paddy CO51	65	SMS Agronomy SMS Plant protection SS& Head
		Groundnut TCGS1694	7	
		Groundnut VRI 10	15	
		Blackgram VBN8	0.5	
2	Planting materials	Fruit plants	2000	SMS Horticulture SMS Plant protection SMS Animal Science
		Coconut seedlings	700	
		Agro Forest seedlings	1000	
		Fodder setts	10000	

Sl. No.	Category	Name of the product	Quantity (Qtl.)/ Number planned to be produced	Names of the team members involved
3	Livestock strains	Goat (Nos)	20	SMS Animal Science
		Poultry desi birds	2000	
		Quail	1000	
4	Bio-products	*T.asperellum*	2.0	SMS Plant protection PA Lab technician
		B.subtilis	2.0	
		Vermicompost	20.0	SMS Agronomy Farm Manager
		Vermiworms	1.0	
		Azolla	0.5	
5	Micronutrient formulation	Vegetable special	3.0	SMS Horticulture PA Lab technician
		MN mixture	1.0	SMS Agronomy PA Lab Technician
6	Mushroom	Spawn	0.5	SMS Plant Protection

14.3. Technological Information

14.3.1. Technology backstopping to line departments

S.No	Category	Technological capsules / Number	Names of the team members involved
1	Agriculture	ICM in Paddy	SMS Agronomy SMS Plant Protection Senior Scientist and Head
		ICM in Blackgram	
		ICM in Groundnut	
		ICM in Millets	
2	Horticulture	Precision farming in vegetables	SMS Horticulture, Senior Scientist and Head
		Nursery Management in horticultural crops	
		Organic farming in horticultural crops	
3	Plant protection	Integrated pest and disease management in location specific crop.	SMS Plant Protection, Senior Scientist and Head
		Organic and bio inputs preparation and its application	
		Beekeeping technologies	
		Mulberry cultivation and silkworm rearing technologies.	
		Mushroom production.	
4	Animal Science	IDM in livestock and poultry.	SMS Animal Science Senior Scientist and Head
		Production management in livestocks	
		Fodder production and management	
5	Home science	Nutri-garden/herbal and value addition of fruit and vegetables	SMS Home Science, SMS Plant protection SS and Head.
		Value addition in millets and groundnut	

14.3.2. Publications planned

S.No	Category of publication	Number	Names of the team members involved
1	Leaf lets	ICM in Paddy	SMS Agronomy, SMS Plant protection Senior Scientist & Head
		ICM in millets	
		Bio pesticides production technology	SMS Plant protection Senior Scientist & Head
		False smut management in Paddy	
		Growth regulator application in vegetables	SMS Horticulture
		Value addition in vegetables	SMS Home Science, Senior Scientist & Head
		Value addition in traditional rice varieties	
2	Pamphlets	ICM in groundnut	SMS Plant protection Senior Scientist & Head
		Vermicompost production	
		ICM in Brinjal	SMS Horticulture SMS Plant protection Senior Scientist & Head
		ICM in cucurbits	
		ICM in Bhendi	
		ICM in Tomato	
		INM in Banana	
		Nursery management in vegetable crops	
		IPDM in Groundnut	SMS Plant protection Senior Scientist & Head
		IPDM in Brinjal	
		Mushroom Production technology	
		Bee keeping technologies	
		Fodder production technologies	SMS Animal Science Senior Scientist & Head
		Backyard poultry production	
		Japanese quail rearing	
		Value addition in fruits and vegetables	SMS Home Science
		Value addition in millets and pulses	
2	Booklet	Organic farming	SMS Agronomy SMS Plant protection Senior Scientist and Head
		Nursery management in horticultural crops	SMS Horticulture Senior Scientist and Head
		IPDM in Paddy	
		IPDM in Banana	

S.No	Category of publication	Number	Names of the team members involved
		Production and value addition in Banana	SMS Horticulture SMS Home Science
		Fodder production technology	SMS Animal Science
		Nutritional garden for balanced diet	SMS Home Science SMS Horticulture

15. Additional (Collaborative) Activities Planned during 2026-27

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs. in Lakhs.)	Names of the team members involved
1	NABARD	Agro Tourism	1 No.	2.00	All SMS
2		Groundnut special farming zone	1 No.	100.00	
2	Himalaya Wellness Company	Promotion of herbal plants	1 Nos	2.00	

16. Revolving Fund

16.1. Status of Revolving fund

Opening balance as on 01.04.2025 (Rs.)	Receipts during 2025-26 (Rs)	Expenditure incurred during 2025-26 (Rs.)	Closing balance as on 31.03.2026 (Rs.)
6195279.55	1898531.28	2068428.12	**6025382.71**

16.2. Plan of activities under Revolving Fund during 2026-27

S.No.	Proposed activities	Expected output (Qtl / Nos)	Anticipated income (Rs.)	Names of the team members involved
1	**Seed production**			
	Paddy CO51	65.0	136500.00	SMS Agronomy Senior Scientist & Head Farm Manager
	Groundnut Girnar 5	55.0	600000.00	
	Groundnut VRI 10	130	1430000.00	
	Blackgram – VBN8	6.0	6000.00	
	Millet seeds	5.0	50000.00	
	Green manure seeds	3.0	30000.00	

S.No.	Proposed activities	Expected output (Qtl / Nos)	Anticipated income (Rs.)	Names of the team members involved
	Native vegetable seeds	1.0	10000.00	
2	**Planting materials**			
	Fruit plants	2000	200000.00	SMS Horticulture SMS Plant protection SMS Animal Science Farm Manager
	Coconut seedlings	700	105000.00	
	Forest Tree seedlings	1000	15000.00	
	Fodder setts	10000	10000.00	
3	**Bio-inputs**			
	Vermiworms	1.0	55000.00	SMS Agronomy Farm Manager
	Vermicompost	18.0	20000.00	
	Azolla	0.5	1000.00	
	Trichoderma asperellum	2.0	20000.00	SMS Plant protection PA Lab Technician
	Bacillus subtilis	2.0	20000.00	
	Spawn	0.3	4500.00	
4	Goat	20	90000.00	SMS Animal Science Farm Manager
5	Poultry Chicks- Desi bird	2000	100000.00	
	Japanese quail	1000	45000.00	
6	**Fruit production**			
	Mango	15	60000.00	SMS Horticulture SMS Plant protection Farm Manager
	Sapota	1	3500.00	
	Tamarind	1	15000.00	
	Amla	0.5	2000.00	
	Coconut (Nos)	2000	30000.00	
7	**Vegetable production**			
	Brinjal	0.5	2000.00	SMS Horticulture SMS Plant protection Farm Manager
	Bhendi	0.5	1000.00	
	Tomato	0.3	750.00	
	Gourds	0.5	2000.00	
8	**Others**			
	Vegetable special (MN mixture)	3.0	45000.00	SMS Horticulture PA Lab Technician
	Micronutrient mixture	1.0	22500.00	SMS Plant protection Farm Manager
	Spawn	0.3	4500.00	
	Mushroom	1	20000.00	
	Value added products pickles, instant mix, Oil	6	130000.00	SMS Home science

17. Activities of soil, water and plant testing laboratory during 2026-27

S. No.	Type	Through	No. of samples	No of soil health cards	Names of the team members involved
1	Soil	Min soil testing lab	100	100	PA Lab Technician SMS Plant Protection
		Traditional lab	800	**800**	
		AAS	-	-	
2	Water		100		
3	Plant		-		

18. Plan of activity for Institutional Farm

S.No.	Activity	Area (ha)	Names of the team members involved
1	Production and supply of paddy seeds	0.5	SMS Agronomy Senior Scientist & Head Farm Manager
2	Production and supply of groundnut seeds	1.0	
3	Production and supply of Green manure seeds	1.0	
4	Production and supply of Fodder seeds and Setts	0.1	SMS Animal Science Farm Manager
5	Production and supply of quality fruit plants	0.1	SMS Horticulture, SMS Plant Protection Farm Manager
6	Production and supply of coconut seedlings	0.1	
7	Production and sale of fruits	8.1	
8	Production and sale of vegetables	0.1	

19. Demonstration units in KVK premises

S.No.	Name of Demo unit	Capacity for production (specify units)	Names of the team members involved
1	Vermicompost and worms production	18000 kg	SMS Agronomy Farm Manager
2	Vegetable special Micro nutrient mixture	300 kg	SMS Horticulture PA Lab Technician

3	Azolla production	50 kg	SMS Agronomy Farm Manager
4	Bio control agents	1000 kg	SMS Plant Protection
5	Mushroom production	100 kg	
6	Mushroom spawn	30 Kg	
7	Organic inputs production	500 lit	SMS Agronomy Farm Manager
8	Slatted floor Goat unit	20 Nos.	SMS Animal Science Farm Manager
9	Backyard poultry	2000 Nos.	
10	Japanese quail	1000 Nos.	
11	Fish	100 kgs	
12	Dairy	10 Nos.	
13	Value added products pickles, Instant mix, Groundnut oil	600 kg	SMS Home Science

20. E-linkage activities status / proposedduring 2025-26

Activity	Particulars	No. of farmers in database/ involved in activity/ downloads/ users etc
Website	Link : www.kvkthiruvannamalai.com	69005
Mobile App	Name : agriismart Link : https://play.google.com/store/apps/details?id=com.agriismart.app	-
ICT initiative	-	-
KVK portal (update status)	Infrastructure details & photos uploaded (no):- Events uploaded :- News items submitted : -	-
KVK mobile App of ICAR	Downloaded and used by scientists (no.)	12
Other mobile Apps in use by KVK	Uzhavan, Nithra, Kisan sarathi, eNAM, NPSS	8 Technical experts
mKisan of DAC & FW	Five Messages to the district database farmers per month.	119720
Social media		
a) Whatsapp groups	No. of groups/KVK: 8	3500
b) Face book	Link :https://www.facebook.com/kvk.thiruvannamalai	5100
c) Twitter	@tvmkvk	343 following, 54 followers

d) You tube	No. of subscribers	1.79K
Membership / participation in online digital platforms for services/ marketing etc.	Participated	-
KVK Blogs etc.	-	-
Collaboration with public/ private firms for audio/ video conferencing etc	Agency : NABARD, Aaramadhu FPCL, SST trust, HAND in HAND, AAVIN MoU (Yes/No): No. No. of programs planned: 5	-
Any other	-	-

21. Farmer's Field School planned

S. No	Thematic area	Title of the FFS	No. of members in FFS group	Budget proposed in Rs. In lakhs
1	-	-	-	-

22. Details of Innovative Farmers network established

A KVK innovative farmer's network covering 2100 farmers has been established through whatsapp messenger for the procurement and sale of agri commodities. The members of the group are regularly sharing, technical and marketing information among them. Most of the content shared has been knowledge intensive with a mix of personal farming experiences.

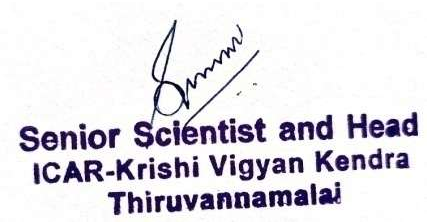
23. Budget - Details of budget utilization (2025-26) up to 31st March 2026 (Rs. In lakhs)

S. No	Particulars	Sanctioned Grant for 2025-26	Released for 2025-26	Expenditure for the period from 1-4-2025 to 31-3-2026
A	**RECURRING**			
1	**Pay & Allowances**	157.26	158.99	158.99
2	**Travelling Allowances**			
	a) Field activities &programmes			
	b) Training programmes	6.15	6.15	6.15
3	**Contingencies**			
A	*Office Contingencies*			
B	Technical Programmes including SCSP	4.65	4.65	4.65
C	Technical Programmes including TSP	17.84	17.84	17.84
	Total of Contingencies	**28.64**	**28.64**	**28.64**
	Sub Total of Recurring Items (1+2+3)	**185.89**	**187.63**	**187.63**
4	**NON-RECURRING CONTINGENCIES:**			
	Works-Minor works/Repairs/Renovation	5.00	5.00	5.00
	Furniture& Equipment (IT)	0.00	0.00	0.00
	Vehicle	0.00	0.00	0.00
	TSP (creation of physical assets)	3.00	3.00	3.00
	SCSP Component (Creation of Physical assets)	3.50	3..49	3.49
	Sub Total of non-recurring Items (4)	**11.50**	**11.49**	**11.49**
	GRAND TOTAL	**197.39**	**199.12**	**199.12**

24. Details of Budget Estimate (2026-27) based on proposed action plan(Rs. In lakhs)

S. No.	Particulars	Budget Estimate for 2026-27
A	**RECURRING ITEMS**	
1	**Pay & Allowances**	181.80
2	**Travelling Allowances**	1.00
a	Field activities &programmes	
b	Training programmes	
3	**Contingencies**	
	Office Contingencies	
a	Stationery, telephone, stamps and other expenditure on office running	1.50
b	POL, repair of vehicles, tractor and equipment including hiring of vehicle	
4	**Technical Programmes**	2.50
a	Rs.150/- per person per day towards food and refreshments for KVK training programmes for farmers/extension personnel	
b	Teaching materials for training and demonstrations	
c	Training of extension functionaries	
d	Publications of extension literature for farmers and extension functionaries	
e	Honorarium for trainers	
f	On Farm Testing (Problem Oriented)	
g	Front Line Demonstration on major crops including oilseeds & pulses, fodder crops, animal husbandry, fisheries, etc.,	
h	Kisan Meals /Farmers Fair (at KVK farm)	
i	Library (Purchase of newspaper, journals, etc.,)	
j	Maintenance of farm	
k	Value chain management of FPO/Integrated Farming System (IFS)/Farmers Field School(FFS), EDP	
l	Soil Health Card (SHC)	
m	Website/mobile app etc.	
	Total of Contingencies	5.00
n	SCSP General	3.75
o	TSP General	7.80

S. No.	Particulars	Budget Estimate for 2026-27
	Total of Recurring Items	**198.35**
B	**NON-RECURRING ITEMS:**	
a	Minor /Repair & Maintenance /Renovation	5.00
b	Vehicle (Jeep/Tractor/2 Wheeler)	0.00
c	Furniture	0.00
d	TSP (creation of physical assets)	2.40
e	SCSP Component (Creation of Physical assets)	1.50
	Total of Non-Recurring Items	**8.90**
	GRAND TOTAL (A+B)	**207.25**



Signature of the Senior Scientist and Head of the KVK

Forwarded **Verified** **Approved**

[DEE/Chairman] **[Nodal Officer (ATARI)]** **[Director (ATARI)]**

****