

ICAR-Agricultural Technology Application Research Institute (ICAR-ATARI)

Action Plan 2026-27– Summary of Technical Activities

1. Name and address of KVK

ICAR KRISHI VIGYAN KENDRA, CENDECT,
Kamatchipuram (S.O), Theni District
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2. District map with location of the KVK

GPS reading (from Google Maps) of the Entrance of KVK
Eg: 9.863562, 77.451820



3.1 Operational area/Cluster villages details

District/ Taluk/ Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for interventi on	Proposed interventio n*
Theni/Bodi /Bodinayak anur	Maize	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices	In an area of 150 ha among 200 farmers	Palarpatti	OFT, Training, Extension Activities
	Groundnut	Affected groundnut root rot diseases incidence is high (45 %). Yield loss 450 kg/ha. Due to lack of management practices.	In an area of 500 ha among 650 farmers	Perumalgo undanpatti	OFT, Training, Extension Activities
	Coconut	Affected root wilt diseases incidence is high (35 %). Yield loss. Due to lack of awareness in management practices	In an area of 500 ha among 250 farmers	Sadayalpat ti	FLD, Training, Extension Activities
	Coconut	Affected Rugose spiraling whitefly Pest incidence is high (45 %). Yield loss. Due to lack of awareness in management practices	In an area of 500 ha among 250 farmers	Kamarajap uram	FLD, Training, Extension Activities
	Coffee and Pepper	Wastage of Pulp (99%) Lack of knowledge on Value addition in coffee and pepper	-	Agamalai, Sokkanalai	FLD, Training and Extension Activities
	Pepper and Coffee	Less knowledge on Processing of pepper and Coffee, Safe storage methods	-	Muthuvak kudi	Training, Method Demonstrati on and Extension Activities

	Pepper and Coffee	Less knowledge on Processing of pepper and Coffee, Safe storage methods	-	Siraikadu	Training, Method Demonstrati on and Extension Activities
Theni/ Andipatty/ Andipatty	Chilli	Farmers are getting low yield due to low productivity due to imbalanced nutrient application and non-application of growth promoters; Unaware of plant growth promoters Reduced nutrient availability due to less mobility of nutrients	In an area of 250 ha among 400 farmers	Kathirnara singapura m	OFT, Training, Extension Activities
	Lab lab	Non availability of improved variety and low yield. High incidence of pest and disease.	In an area of 250 ha among 300 farmers	G. Usilampatt i	OFT, Training, Extension Activities
	Brinjal	Farmers are getting low yield (20 t/ha) due to Non availability of improved variety and low yield, High incidence of pest and disease.	In an area of 150 ha among 200 farmers	Mayandipa tti	FLD, Training, Extension Activities
Theni/ Uthamapal ayam/Chin namanur Theni/ Uthamapal ayam/Chin namanur	Paddy	Low yield (49.71 q/ha) due to non-adoption of high yielding variety, incidence of yellow stem borer, sheath blight and non-adoption of ICM practices.	In an area of 300 ha among 450 farmers	U.Ammapa tti	OFT, Training, Extension Activities
	Groundnut	Farmers are getting low yield (12.5 q/ha) due to drought incidence and poor germination percentage.	In an area of 250 ha among 400 farmers	Chinnaova lapuram	FLD, Training, Extension Activities
	Cashew Apple	Lack of knowledge on Cashew	-	Hanumant hanpatti	Training and

		processing and Value Addition			Extension Activities
	Coriander	Farmers are getting low yield (3.5 t/ha) due to Non availability of improved variety and low yield. High incidence of pest and disease.	In an area of 150 ha among 200 farmers	Seepalakot tai	OFT, Training, Extension Activities
	Ridge gourd	Farmers are getting low yield (10 t/ha) due to drought incidence and poor germination percentage.	In an area of 150 ha among 200 farmers	Pulikuthi	OFT, Training, Extension Activities
	Ridge gourd	Farmers are getting low yield due to Non availability of Growth regulator particularly Vidhai Amirdham and low yield, High incidence of pest and disease.	In an area of 350 ha among 500 farmers	Poomalaig undu	FLD, Training, Extension Activities
Theni/ Andipatty/ Andipatty	Redgram	Farmers are getting low yield (6.2 q/ha) due improper nutrient management practices and non-application of growth regulators.	In an area of 150 ha among 200 farmers	Sitharpatti	FLD, Training, Extension Activities
	Finger Millet	Low yield (12.5 q/ha) due to non-adoption of high yielding variety	In an area of 20 ha among 35 farmers	Ethakovil	OFT, Training, Extension Activities
	Maize	Less price, high wastage during storage, lack of knowledge on primary processing techniques	-	Anuppapatti	Training and Extension Activities
Theni/ Theni/ Theni	Maize	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought	In an area of 150 ha among 200 farmers	Kattunaya kanpatti	FLD, Training, Extension Activities

		management practices			
	Onion	Farmers are getting low yield (120 q/ha) due to drought incidence and poor germination percentage.	In an area of 150 ha among 200 farmers	Poomalaikundu	OFT, Training, Extension Activities
	Rice	Affected rice stem borer incidence is high (40%). So, yield loss (4500 kg/ha). Due to lack awareness of management practices	In an area of 1500 ha among 850 farmers	Veerapandi	OFT, Training, Extension Activities
	Acid lime	Affected Acid lime incidence is high (40%). So, yield loss (3000 kg/ha). Due to lack awareness of management practices	In an area of 290 ha among 450 farmers	Ettaparajapuram	FLD, Training, Extension Activities
Theni/Andipatti/Andipatti	Redgram	Farmers are getting low yield (12.7 q/ha) due improper nutrient management practices and non-application of growth regulators.	In an area of 150 ha among 200 farmers	Sitharpatti	FLD, Training, Extension Activities
	Black gram	Farmers are getting low yield (6.2 q/ha) due improper nutrient management practices and non-application of growth regulators.	In an area of 150 ha among 200 farmers	Ramalingapuram	Training, Extension activities
Theni/Theni/Kadamalai kundu	Coconut	Yield loss (20 %) due to button shedding problem; improper nutrient management practices.	In an area of 350 ha among 500farmers	Visuvasapuram	Training, Extension Activities
	Cluster bean	Farmers are getting low yield (10 t/ha) due to Non availability of	In an area of 250 ha among 400 farmers	Ponnampaduagai	FLD, Training, Extension Activities

		improved variety and low yield, High incidence of pest and disease.			
	Daincha	Low adoption of green manuring practices among farmers due to limited awareness and access to improved green manure varieties.	In an area of 55 ha among 120 farmers	Elilayaram pannai	FLD, Training, Extension Activities
Theni/Uthamapalayam /Chinnamanur	Banana	Lack of awareness on latest cultivation technologies and Yield loss (15 %) due to improper nutrient management and Micronutrient deficiency	In an area of 250 ha among 100 farmers	Chinnaovalapuram	Training, Extension Activities
	Cashew Apple	Lack of knowledge on Cashew processing and Value Addition	-	Hanumant hanpatti	Training and Extension Activities
	Paddy	Farmers often use excessive dose of complex fertilizer; this leads to high cost of fertilizer low fertilizer use efficiency and other environmental problems.	In an area of 350 ha among 500 farmers	Karungattankulam	FLD, Training, Extension Activities
	Groundnut	Low yield (12.51 q/ha) due to cultivation of low yield variety and lack of awareness about ICM practices	In an area of 150 ha among 250 farmers	Pottipuram	FLD, Training, Extension Activities
	Disease Management	Lack of Knowledge herbal spray Frequently affected tick infestation and tickborne disease of dairy cow	-	Kamatchipuram	OFT, Training, Extension Activities
	Disease Management	Repeat breeding, mastitis, lameness	-	Veppampatti	FLD, Training, Extension Activities

	Milk Production	Less knowledge on importance of value addition and its scope	-	Seepalakotta	Training, and Extension Activities
	Banana	Low market price, less knowledge on Value added products from banana	-	Erasayana yakkanur	FLD, Training and Extension Activities
	Tomato	Less Knowledge on Value Added Products	-	Eranampatti	Training and Extension Activities
	Banana	High wastage, Less Knowledge on Value Added Products from Banana Flower	-	Chinnaovalapuram	Training, Method Demonstration and Extension Activities
	Marketing Linkages	Lack of knowledge about different marketing channels available to farming community	-	Karungattankulam	Training, and Extension Activities
Theni/Bodi /Bodi	Organic farming	Lack of knowledge about organic farming and lack of knowledge about organic input	In an area of 250 ha among 350 farmers	Palarpatti	Training, Extension Activities
	IFS	Farmers face low and unstable farm income due to dependence on single-crop farming and inefficient utilization of available farm resources.	-	B.Meenatchipuram	Training, Extension Activities
	Pepper, Coffee	Less Knowledge on Processing & Branding of Pepper and Coffee	-	Muthuvakkudi	Training and Extension Activities
	Pepper, Coffee	Less knowledge on processing, value addition and Branding	-	Agamalai, Sokkanalai	FLD, Training, Method Demonstration & Extension Activity

	Tomato	Farmers are getting low yield (45 t/ha) due to low yield, High incidence of pest and disease.	In an area of 150 ha among 200 farmers	Palarpatti	FLD, Training, Extension Activities
Theni/Periyakulam Theni/Periyakulam	Paddy	Low yield (49.71 q/ha) due to non-adoption of high yielding variety, incidence of yellow stem borer, sheath blight and non-adoption of ICM practices	In an area of 250 ha among 400 farmers	Melmanagalam	FLD, Training, Extension Activities
	Mango	Less knowledge on Value Added Products from Mango	-	Periyakulam	Training, Method Demonstration and Extension Activities

*(OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp)

3.2. Adopted villages

District/Taluk/Block	Name of cluster villages	Major crops & Enterprises	Major problems identified in each crop/enterprise	Proposed type of interventions *
Theni/Uthamapalayam/	Chinnamanur	Banana	farmers are getting low yield (850 q/ha) due to micronutrient deficiency problem and unaware of drone spray of micronutrient formulation.	Training, Extension Activities
		Ridge gourd	Farmers are getting low yield (45 t/ha) due to low yield, High incidence of pest and disease.	OFT, Training, Extension Activities
Theni/Andipatty / Andipatty	Anuppapatti	Redgram	Farmers are getting low yield (6.2 q/ha) due to improper nutrient management practices and non-application of growth regulators.	FLD, Training, Extension Activities
		Maize	Less knowledge on value added products from Maize	Training, Method Demonstration

				& Extension Activity
Theni/ Uthamapalayam / Cumbum	Cumbum	Coconut	Lack of knowledge on Value Addition in Coconut	FLD, Training, Method Demonstration & Extension Activity
	Cumbum	Grapes & Less Knowledge on Value Addition in Grapes	-	KK Patti
Theni/ Bodinayakkanur / Bodinayakkanur	Agamalai, Sokkanalai	Pepper, Coffee	Less knowledge on processing, value addition and Branding	FLD, Training, Method Demonstration & Extension Activity
	Muthuvakkudi	Pepper, Coffee	Less Knowledge on Processing & Branding of Pepper and Coffee	Training and Extension Activities

*(OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp)

3.3 Details of DFI villages: 2026-27

District/Taluk/ Block	Name of cluster villages	Major crops & Enterprises	Major problems identified in each crop/enterprise	Proposed type of interventions
Theni/Bodi/Bodi	Palarpatti	Maize	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices	OFT, Training and Extension activities
		Banana	Farmers are getting low yield (850 q/ha) due to micronutrient deficiency problem and unaware of drone spray of micronutrient formulation	Training and Extension Activities
		Tomato	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices	FLD, Training and Extension activities

*(OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp)

4. Targets for mandated activities for the year 2026-27

Mandated Activities	Activities	Target
1. On- farm trials	a. No of OFTs	11
	b. No of Technologies (Total new technologies except FP)	22
	c. No. of locations (No. of Villages)	11
	d. No. of Beneficiaries (No. of Farmers fields)	55
	e. Area (Total area in ha)	22
2. Frontline Demonstrations	a. No. of FLDs	19
	b. No. of Locations (No of villages)	19
	c. No. of Beneficiaries (No of Farmers fields)	190
	d. Area (Total Area planned in ha)	76
3. Trainings for Farmers and Farm Women	a. No. of programmes	67
	b. No. of participants	1315
4. Trainings for Rural Youth	a. No. of programmes	16
	b. No. of participants	361
5. Trainings of Extension Personnel	a. No. of programmes	16
	b. No. of participants	350
6. Extension Activities	No. of activities (Total number of activities listed in Table 13)	1273
	No. of participants	56230
7. Production of seed (in quintals) (Crop-wise)	Groundnut (TMV 14, VRI 10)	25 q
	Black gram VBN 8 and VBN 10	5 q
	Fodder Sorghum COFS 29	0.50 q
	Green gram CO 8	1.50 q
8. Production of planting materials (in Nos.) (Crop-wise)	Mango, Sapota & Guava seedlings	20000
	Tomato, Chilli, & Brinjal	200000
	Banana suckers	10000
9. Production of live-stock strains and finger lings (Category wise Nos.)		225
10. Production of bio inputs (quantity in kg) (Item-wise)		
	Vermicompost	100 q
11. Production of other inputs (specify unit) (Item-wise)	IIHR Banana Special	40 q
12. Kisan mobile advisories	No. of messages	200
	No. of technologies	200
	No. of farmers	25000
Other mobile advisories	No. of messages	200
	No. of technologies	200
	No. of farmers	20000
13. Soil testing	No. of soil sample testing using Mobile Soil Testing Kit	300
	No. of soil sample testing in conventional laboratory	400
Water sample Testing (samples in No.)		
Soil Health Cards	No. of Cards using Mobile Soil Testing Kit data	-
	No. of Cards using Laboratory data	200

5. Details of technological intervention

5.1 Technology Assessment (OFTs) 2026-27

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	Paddy	Assessment of high yielding medium duration paddy varieties – ADT 60	TO 1: Paddy-ADT 60 TO 2: KNM 1638 (Kunaram vari 2) FP: Private Variety - Gorakhnath 509	TNAU 2025 PJ TSAU 2021	New	5	12000	SMS (Agronomy) and SMS (Soil Science)	-	2
2	Ragi	Assessment of high yielding Finger Millet Varieties	TO 1: ATL 1 TO 2: Gowthami (PR 1045) FP: Paiyur 1	TNAU 2021 ANGRAU 2020	New	5	10000	SMS (Agronomy) and SMS (Soil Science)	-	-
3	Maize	Assessment of drought management	TO 1: TNAU Vidhai amirdham - Hydrophilic Hormone based coating	TNAU 2023	New	5	9000	SMS (Soil Science) and SMS (Agronomy)	-	2

		strategies in improving yield in maize	TO 2: Drought Guard FP: Without any application of drought mitigation inoculum	NBAIM 2020						
4	Black gram	Assessment of TNAU Bio Meemix to enhance the productivity of Black gram	TO 1: TNAU Bio Meemix TO 2: Bio-Pulse FP: Non application of crop boosters	TNAU SWC, 2022 NBAIM 2020	New	5	8000	SMS (Soil Science) and SMS (Agronomy)	1	1
5	Onion	Assessment of foliar nutrition for higher yield in small onion	TO 1: Sampoorana KAU Multimix TO 2: IIHR Vegetable special @ 0.5 % on 30 DAS twice on 15 days interval FP: Application of DAP and Complex fertilizer without any crop boosters	TNAU 2023 IIHR 2016	New	5	8000	SMS (Soil Science) and (SMS Horticulture)	-	1
6	Coriander	Assessment of suitable high yielding	TO 1:CO 5 TO 2: Suruchi FP: Local variety	TNAU, 2022 YSRHU, 2017	New	5	10000	SMS (Horticulture) and SMS (Plant Protection)	1	0

		varieties of Coriander in Theni District.								
7	Lab lab	Assessment of suitable high yielding varieties of Lablab in Theni District.	TO 1: Lab lab CO 16 TO 2: Arka jay FP: Local variety	TNAU, 2023 IIHR, 2017	New	5	6000	SMS (Horticulture) and SMS (Plant Protection)	1	0
8	Ridge Gourd	Assessment of suitable high yielding varieties of Ridge gourd in Theni District.	TO-1: Ridge Gourd MDU-1 TO-2: Arka Harita FP: Local variety	TNAU, 2023 IIHR, 2016	New	5	5000	SMS (Horticulture) and SMS (Soil Science)	0	1
9	Groundnut	Assessment of IDM practices for Groundnut root rot diseases	TO 1: Seed Treatment with carbendazim @ 2 g/kg, Soil application of <i>T. viride</i> @ 2.5 kg/ha mixed with 50 kg FYM basally and on 40 DAS	TNAU, 2020	-	5	7500	SMS (Plant Protection) & SMS (Agronomy)	-	-

			TO 2: Deep summer ploughing with mould board plough, Seed Treatment with tebuconazole @ 1.5 g/kg and PGPR @ 625 g/Kg of seed, Soil application of <i>T. asperellum</i> @ 4 kg/ha with enriched 250 Kg FYM first at the time of sowing, 2nd and 3rd on 35 and 70 DAS. FP: Soil application of COC (2.5 g/ lit)	DGR 2018						
10	Rice	Assessment of stem borer management technologies in Rice	TO 1: Clip the seedling tips before transplanting to eliminate egg masses. Install light trap @ 1 / ha, Pheromone trap @ 5 / ac. Release egg parasitoid, <i>Trichogramma japonicum</i> @ 2cc /ac 3 times at weekly interval from 37 DAT, Spray Azadirachtin 0.03% 400 ml/ac.	TNAU 2023	-	5	7500	SMS (Plant Protection) & SMS (Agronomy)	-	SC

			Need based spraying of Chlorantraniliprole 18.5% SC 60 ml/ac TO 2: Release egg parasitoid, <i>Trichogramma japonicum</i> @ 2cc /ac at 30 DAT Pheromone trap @ 8 / ac for mass trapping. Need based spraying of Chlorantraniliprole 18.5% SC 60 ml/ac FP: Chlorantraniliprole (60 ml), Fipronil (3-4 kg granular or 200 ml liquid)	ICAR-NRRI, 2019						
11	Disease Management	Evaluation of TANUVA S-VIC "Tix killer" to mitigate acaricidal resistance in dairy farming	TO 1: Tix killer (Nano herbal based dusting powder) TO 2: NIF- Polyherbal spray -2018 (Aqueous extraction of neem and notchi leaves at 6% concentration) FP: Deltamethirin (1.25%)	TANUVA S, Chennai 2022 NIF-DST, 2019	-	5	7500	PA (Animal Science)	-	2

*New FLD/2nd year/3rd year)

5.2 Frontline Demonstrations (FLDs) 2026-27

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	Paddy	Demonstration of Seed production on rice variety ADT 56 for kuruvai / Navarai seasons	Low yield (49.71 q/ha) due to non-adoption of high yielding variety, and non-adoption of ICM practices	ADT 56 Paddy Variety with ICM Practices	TNAU 2023	New	10	4	9000	SMS (Agronomy) and SMS (Agricultural Extension)	-	2
2	Groundnut	Demonstration of Groundnut - Vishista (TCGS 1694) variety in Theni district	Low yield (12.51 q/ha) due to cultivation of low yield variety and lack of awareness about ICM practices	TCGS 1694 Groundnut Variety with ICM Practices	ANGRA U, 2022	New	10	4	8000	SMS (Agronomy) and (Agricultural Extension)	-	2

3	Daincha	Demonstration of Seed production in Daincha TRY 1	Low adoption of green manuring practices among farmers due to limited awareness and access to improved green manure varieties.	Daincha TRY - 1 Variety	TNAU, 2023	New	10	4	8000	SMS (Soil Science) and SMS (Extension)	-	-
4	Groundnut	Demonstration of TNAU Groundnut Vidhai Amirdham for increasing yield in Groundnut	Low productivity due to drought incidence and lack of awareness about drought management practices	TNAU Groundnut Vidhai amirdham	TNAU, 2023	New	10	4	6500	SMS (Soil Science) and SMS (Horticulture)	-	2
5	Maize	Demonstration of TNAU Liquid Maize Maxim in	Maize is cultivated in about 200 ha in the district.	TNAU Liquid Maize Maxim	TNAU, 2022	New	10	4	8000	SMS (Soil Science) and SMS	-	2

		Maize for higher yield	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices							(Agronomy)		
6	Red gram	Demonstration of TNAU Liquid pulse wonder in red gram for higher yield	Farmers are getting low yield (12.7 q/ha) due to improper nutrient management practices and non-application of growth regulators.	TNAU Liquid pulse wonder	TNAU, 2023	New	10	4	8000	SMS (Soil Science) and SMS (Agronomy)	-	-
7	Paddy	Demonstration of TNAU Rice reap for increasing productivity in paddy cultivation	Farmers often use excessive dose of complex fertilizer; this leads to high cost of	TNAU Rice reap	TNAU, 2022	2 nd year	10	4	9000	SMS (Soil Science) and SMS (Agronomy)	-	2

			fertilizer low fertilizer use efficiency and other environmen tal problems.									
8	Cluster bean	Demonstration of Cluster bean MDU-2 in Theni District	Non availability of improved variety and low yield, High incidence of pest and disease.	Cluster bean MDU- 2	TNAU, 2024	New	10	4 ha	12000	SMS (Horticult ure) and SMS (Plant Protection)	1	0
9	Brinjal	Demonstration of Brinjal CO 3 in Theni District	Non availability of improved variety and low yield, High incidence of pest and disease.	Brinjal CO 3	TNAU, 2024	New	10	4 ha	12000	SMS (Horticult ure) and SMS (Plant Protection)	0	0
10	Tomato	Demonstration of Cluster bean MDU-2	Non availability of	BIOGROW liquid formulation	ICAR- National Bureau of	New	10	4	5000	SMS (Horticult ure) and	0	1

		in Theni District	improved variety and low yield.		Agricultural Important Microorganisms, Mau, UP, India (2020)					SMS (Soil Science)		
11	Ridgegourd	Demonstration of TNAU Ridge gourd Vidhai Amirdham for higher productivity.	Non-application of growth regulators.	TNAU Ridge gourd Vidhai Amirdham	TNAU, 2024	New	10	4	5000	SMS (Horticulture) and SMS (Soil Science)	0	1
12	Acidlime	Demonstration of IDM practices in Acid lime	Affected Acid lime incidence is high (40%). Yield loss (3000 kg/ha). Due to lack awareness of management practices.	Removal and burning of affected twigs, Foliar application of Carbendazim @ 0.1% spray, Foliar application of Streptocyclin @ 100 ppm +	TNAU, 2020	-	10	4	12,000	SMS (Plant Protection) & SMS (Horticulture)	-	-

				Copper oxychloride 0.3% spray, Folia r application of <i>Bacillus subtilis</i> 5 ml /lit. Foliar application of Citrus special 5% spraying during new flush, one month after first spraying at flowering and fruit set.								
13	Coconut	Demonstration of TNAU Cococon for the management of Coconut root wilt disease	Affected root wilt diseases incidence is high (35 %). yield loss. Due to lack of awareness of	Application of 'Cococon' @ 2 litre per tree mixed with 8 litre waters at three-month intervals	TNAU, 2021	-	10	2	30,000	SMS (Plant Protection) & SMS (Horticul ture)		-

			managemen t practices	around root zone to manage wilt diseases								
14	Coconut	Demonstration of IPM Module against Coconut Rugose Spiraling Whitefly	Affected Rugose spiraling whitefly Pest incidence is high (45 %). yield loss. Due to lack of awareness in managemen t practices	Release of <i>Encarsia gaudeloupe</i> @ 100 parasitoids/ acre (10 leaf bits/ acre), Installation of Yellow sticky trap (5X1.5 Feet) smeared with castor oil @ 5 / acre, Release of <i>Crysoperla zastrowi</i> <i>sillemi</i> eggs @ 500/acre, spraying of 1 % starch solution for sooty mould,	TNAU, 2020	-	10	4	20,000	SMS (Plant Protection) & SMS (Horticul ture)		2

				Spraying Azadiractin 1 % @ 2 ml/lit								
15	Disease Managem ent	Assessment of Masti Heal gel to control Sub clinical Mastitis in Dairy animals	Repeat breeding, mastitis, lameness	Masti Heal gel is herbal preparation to prevent mastitis of dairy cow and reduces the incidence of sub clinical Mastitis.	TANUVA S 2021	-	10	-	15,000	PA (Animal Science)	-	-
16	Banana	Demonstration of banana pseudo stem RTS	Less knowledge on Value Added Products from Banana Pseudostem	Banana pseudo stem RTS	ICAR NRCB, Trichy (2020)	2 nd Year	10	-	10,000	SMS (Home Science)	-	1
17	Green Leafy Vegetable s	Demonstration on Microgreen Production and Value Addition for Entrepreneurs hip Development	Less Knowledge on Microgreen cultivation, value addition practices	Microgreen	TNAU, Coimbato re (2025)	New FLD	10	-	10,000	SMS (Home Science)	-	1

			and consumption pattern of greens for nutrition security									
18	Coconut	Demonstration of Value-Added Products from Coconut	Low Market Price, Less knowledge on processing and value-added products from Coconut	Coconut Chips, Coconut Jelly	ICAR CPCRI (2024)	New	10	-	30,000	SMS (Home Science)	-	5
19	Spices	Empowerment of tribal farmers by enhancing income through value addition in spices		Processing of Pepper	ICAR IISR, Kozhikode (2020)	New	10	-	10,000	SMS (Home Science)	-	2

***New FLD/2nd year/3rd year)**

5.3 Trainings Programmes 2026-27

5.3.1. Details of training programmes for Farmers and Farm Women -2026-27

S. No	Thematic area	No. of Courses	No. of participants (including SC/ST Farmers)	Names of the team members involved
1.	Crop Production	7	80	SMS (Agronomy)
2.	Horticulture	6	120	SMS (Horticulture)
3.	Soil Health and Fertility Management	12	240	SMS (Soil Science), SMS (Agronomy)
4.	Livestock Production and Management	5	60	PA (Animal Science)
5.	Home Science/ Women empowerment	20	400	SMS (Home Science)
6.	Agril. Engineering	1	20	SMS (Home Science)
7.	Plant Protection	14	280	SMS (Plant Protection)
8.	Fisheries	0	0	-
9.	Capacity Building and Group Dynamics	0	0	-
10.	Agro-forestry	0	0	SMS (Agronomy)
11.	Others - ICT	5	115	SMS(Extension)
	Total	67	1315	-

5.3.2 Details of trainings programmes for Rural Youth 2026-27

S. No.	Thematic area	No. of Courses	Expected No. of participants	Names of the team members involved
1.	Nursery Management of Horticulture crops	1	20	SMS (Horticulture), SMS (Agronomy)
2.	Training and pruning of orchards	1	20	SMS (Horticulture), SMS (Soil Science)
3.	Protected cultivation of vegetable crops	1	20	SMS (Horticulture), SMS (Soil Science)
4.	Commercial fruit production	1	20	SMS (Agronomy)
5.	Integrated farming	1	25	SMS (Agronomy)
6.	Seed production	1	25	SMS (Agronomy)
7.	Production of organic inputs	1	20	SMS (Soil Science), SMS (Agronomy)
		1	20	SMS (Soil Science), SMS (Agronomy)
8.	Planting material production			
9.	Vermicompost	1	20	SMS (Soil Science), SMS (Agronomy)
10.	Mushroom Production	1	30	SMS (Plant Protection) & SMS (Home Science)
11.	Sericulture	1	30	SMS (Plant Protection) & SMS (Horticulture)
12.	Bee-keeping	1	20	SMS (Home Science)

S. No.	Thematic area	No. of Courses	Expected No. of participants	Names of the team members involved
13.	Repair and maintenance of farm machinery and implements			
14.	Value Addition	1	20	SMS (Home Science)
15.	Small scale processing	-	-	-
16.	Post-Harvest Technology	-	-	-
17.	Tailoring and Stitching	-	-	-
18.	Rural Crafts	1	20	SMS (Home Science)
19.	Production of quality animal products	-	-	-
20.	Dairying	-	-	-
21.	Sheep and goat rearing	1	30	PA (Animal Science)
22.	Quail farming	-	-	-
23.	Piggery	-	-	-
24.	Rabbit farming	-	-	-
25.	Poultry production	-	-	-
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.	Others	2	40	SMS (Home Science) & SMS(Extension)
Total		16	255	

5.3.3 Trainings programmes for Extension Personnel including sponsored training programs 2026-27

S. No	Thematic area	No. of Courses	No. of Participants	SMS involved
1.	Productivity enhancement in field crops	1	25	SMS (Agronomy)
2.	Plant Protection	1	25	SMS (Plant Protection)
3.	Integrated Nutrient management	1	25	SMS (Soil Science)
4.	Rejuvenation of old orchards	1	25	SMS (Horticulture)
5.	Protected cultivation technology	1	25	SMS (Horticulture)
6.	Production and use of organic inputs	1	25	SMS (Soil Science)
7.	Care and maintenance of farm machinery and implements	-	-	SMS (Agri Extension)
8.	Gender mainstreaming through SHGs	-	-	
9.	Formation and Management of SHGs	-	-	
10.	Women and Child care	5	100	SMS (Home Science)

11.	Low cost and nutrient efficient diet designing	1	20	SMS (Home Science)
12.	Group Dynamics and farmers organization	-	-	-
13.	Information networking among farmers	-	-	-
14.	Capacity building for ICT application	1	20	SMS (Agrl Extension)
15.	Management in farm animals	1	20	PA Animal Science
16.	Livestock feed and fodder production	1	20	PA (Animal Science)
17.	Household food security	1	20	SMS (Home Science)
18.	Any other	-	-	-
	Total	16	350	

5.3.4 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	Improved Crop Production Practices for Enhanced Productivity	2	FIGs	20	Department of Agriculture	SMS (Agronomy)
2.	Fodder crops	Improved Fodder Production technologies	3	FIGs	30	NABARD	SMS (Agronomy)
3.	Group Dynamics/ Capacity building	Training programme on essential skills required for board of directors in FPOs	2	FPO Members	20	NABARD	SMS (Extension)
4	PHM&Value Addition	PHM & Value	1	FPO	40	ICAR CPCRI	SMS (Home Science)

		Addition in Coconut					
5	Natural farming in horticulture	-	-	-	-	-	-
6	Organic management	Organic Crop Management for Sustainable Agriculture	2	Farmers and farm women	25	ATMA	SMS (Soil Science)
7	PHM & Value Addition	PHM & Value Addition in Fruits and Vegetables	6	Rural Youth	28	ATMA, MANAGE	SMS (Home Science)
8	Biological management	Bio pesticide	6	SHGs and farm women	20	NABARD	SMS (Plant Protection)
Total					143		

*SHGs, NYKs, Women, Youth etc.

6. Special Activities (NFSM, Skill Development, IFS, EDP, FFS, NFDB, SERP etc.) 2026-27

Activity or Programme	Seasons (Kharif/Rabi/Summer)	Area (Ha)	Demos (No.)	Budget (Rs. lakhs)	Team members
NFSM Pulses	-	-	-	-	-
Blackgram	-	-	-	-	-
Redgram	-	-	-	-	-
NFSM Oilseeds					
Groundnut	Kharif	20	50	280000	SMS (Soil Science)
Sesame	-	-	-	-	-
Castor	Kharif	20	50	160000	SMS (Plant Protection)
IFS	Kharif	15	15	150000	SMS (Agronomy)
EDP	Rabi	25	25	40000	SMS (Soil Science)
FFS	Rabi	0.4	1	75000	SMS (Agronomy)
NFDB	-	-	-	-	-
SERP	-	-	-	-	-
Any other (pl. specify)	-	-	-	-	-

7. Externally funded projects

S.No.	Activity/ programme	Programme Duration	Funding agency	Physical details (no. of programmes, participants, area etc.)	Financial Outlay	Team Members Involved
1	FPO- Sugarcane	5	NABARD	1144000	450000	SMS (Agronomy)
2	FPO- Grapes	5	NABARD	1144000	450000	SMS (Horticulture)
3	Dissemination of Innovation technology- Value addition in Banana	1	TNSCST	500000	500000	SMS (Home Science)

8. Date of SAC Meeting conducted during 2025-26: 29.01.2026

Date of submission of proceedings of SAC Meeting held in 2025-26: 03.02.2025

9. Proposed date/month of SAC Meeting to be held in 2026-27: 14.12.2026

10 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.)
2869258	738750	365850	3242158

11. Proposed Budget 2026-27

S. No	Particulars	Budget Estimate for 2026-27
A	<u>RECURRING ITEMS</u>	
1	Pay & Allowances	17000000
2	Travelling Allowances	200000
a	Field activities & programmes	
b	Training programmes	
3	<u>Contingencies</u>	
	<u>Office Contingencies</u>	
a	Stationery, telephone, stamps and other expenditure on office running	250000
b	POL, repair of vehicles, tractor and equipment including hiring of vehicle	
4	Technical Programmes	900000
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	

S. No	Particulars	Budget Estimate for 2026-27
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)	
l	Soil Health Card (SHC)	
m	Website/mobile app / SCSP Components etc.	500000
	Total of Contingencies	
	Total of Recurring Items	18850000
B	<u>NON-RECURRING ITEMS:</u>	
a	Works (Compound wall/Building repair work)	3000000
b	Vehicle (Jeep/Tractor/2 Wheeler)	
c	Furniture	
d	TSP (creation of physical assets)	
e	SCSP Component (Creation of Physical assets)	600000
	Total of Non-Recurring Items	3600000
	GRAND TOTAL (A+B)	24450000

Signature of the Senior Scientist and Head of the KVK

Forwarded

Verified

Approved

[DEE/Chairman]

[Nodal Officer (ATARI)]

[Director (ATARI)]

**ICAR-Agricultural Technology Application Research Institute
(ICAR-ATARI)**

ACTION PLAN 2026-27

1. General information about the Krishi Vigyan Kendra

1.1 Name of the KVK	ICAR KRISHI VIGYAN KENDRA, THENI (Hosted by: CENDECT)
Address	89-A/ B-3, West Street, Kamatchipuram (S.O), Theni District, Tamil Nadu- 625520
Phone	04546 247564
Fax	04546 247564
e-mail	cendectkvk@rediffmail.com
1.2. Name of host organization	CENTRE FOR DEVELOPMENT AND COMMUNICATION TRUST.
Address	West Street, Kamatchipuram (S.O), Theni District, Tamil Nadu- 625520
Phone	04546247245
e-mail	cendect@gmail.com
1.3. Year of sanction	Lr.No.4(14)/93-AE(I), 27.09.1994
1.4. Website of the KVK	www.kvktheni.org.in
Date of last update	28.07.2026

1.5. District map with location of the KVK

GPS reading (from Google Maps) of the Entrance of KVK

Eg: 9.863562, 77.451820



2. Details of staff as on date

S. No.	Sanctioned post	Name	Discipline	Date of joining	Present pay scale
1	Senior Scientist & Head	Vacant	-	-	-
2	SMS 1	Mr. M. Arunraj	Soil Science	25/05/2018	56100-177500
3	SMS 2	Mrs. M. Ramyasivaselvi	Home Science	25/01/2017	56100-177500
4	SMS 3	Dr. G. Rajaraman	Horticulture	26/12/2019	56100-177500
5	SMS 4	Mr. C. Sabarinathan	Extension	12/07/2021	56100-177500
6	SMS 5	Dr. V. Karthik Pandi	Plant Protection	06/10/2022	56100-177500
7	SMS 6	Vacant	Agronomy	-	56100-177500
8	Farm Manager/T4	Mr. N. Raja	Farm Manager	14/09/2000	35400-112400
9	Programme Assistant/T4-1	Mrs. G. Winmathi	Computer	06/10/2018	35400-112400
10	Programme Assistant/T4-2	Dr.R. Dhivyadharshni	Animal Science	15/11/2025	35400-112400
11	Administrative Staff 1 (Assistant)	Mr.R. Patchaikannan	Assistant	03/01/1995	35400-112400
12	Administrative Staff 2 (Stenographer Grade III)	Mrs. G. Selvalakshnmi	Stenographer	01/12/2023	25500-81100
13	Driver/T1 – 1	Mr.M.Patchaikannan	Driver	01/01/2010	19900-63200
14	Driver/T1 – 2	Mr. A.Arockia Johnson	Driver	11/01/2017	19900-63200
15	Supporting Staff 1	Mrs. S. Vanisri	Supporting staff	01/04/2024	18000-56900
16	Supporting Staff 2	Ms. K. Divyadharshi	Supporting staff	01/02/2025	18000-56900

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

Date(s) of SAC meeting(s) Conducted: 29.01.2026

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

S.No.	Name of the SAC Member	Suggestions/Recommendations (bullet points)	Action Taken in brief
1	Dr. A. Bhaskaran, Principal Scientist, ICAR-ATARI, Zone X, Hyderabad	KVK should focus on major pest and disease management in major crops	• We have planned to organize five training programme on major pest and disease management in Theni District.
		To focus on soil health management practices for sustainable soil health.	• We have planned to conduct four training programme on soil health management practices for sustainable soil health in Theni District. • We have planned organize eight soil health camp in the Theni district. • We planned to conduct twenty awareness programmes on Balanced use of fertilizer to the farmers.
		KVK should promote on value addition, and marketing strategies in agricultural and allied sectors, especially horticultural crops.	• We have planned to conduct training on need based Value Addition Technologies Agricultural and Horticultural Crops to minimize wastage and post-harvest losses during peak harvest and rainy period. • We have planned to organize 4 days training on Marketing Strategies for Agripreneurs.
		KVK Should popularizing Integrated Farming Systems (IFS) and bio-inputs.	• We have planned to conduct two training programme on Integrated Farming Systems (IFS) to the farmers. • We have planned to conduct one skill training on production of Bio inputs to the rural youth and farmers.
		KVK should take an initiative nurturing entrepreneurship and preparing bankable project proposals to secure financial assistance from state and central schemes	• We have planned to organize 12 District Level Entrepreneurs Meet and 8 Block Level Entrepreneurs and Officials Interaction Meet to Promote and Nurture of Entrepreneurship development and prepare bankable project proposals for availing financial assistance

S.No.	Name of the SAC Member	Suggestions/Recommendations (bullet points)	Action Taken in brief
			from state and central schemes
		To expanding the farmers' database from 1,000 to 2,000 farmers per year	We have planned to expand the farmers database upto 5000 per year through various KVK activities.
		KVK should creating awareness on farmers' welfare schemes like state and central agricultural schemes in every regular programmes.	- We have planned to create awareness on various state and central agricultural schemes in every KVK activities. - We have planned to prepare pamphlet/booklet/leaflet on state and central agricultural schemes to provide during KVK programme. - We have planned to organize 12 Awareness programme on State and Central Schemes in collaboration with all Line Departments
		To increasing the revolving fund for farmer welfare and establishment of demonstration units.	- We have planned to increasing revolving fund by through production of various value-added product and incubation centre located in KVK. - We have planned to utilize the revolving fund for establishing various demo unit.
2	Dr. S. Senthilkumar, Professor and Head, Department of Veterinary and Animal Husbandry Extension Education, Veterinary College and Research Institute (VC&RI), Theni	KVK should implement more programmes on animal husbandry particularly on mastitis management in milch animals, teat management, ethnoveterinary practices,	- We have planned to conduct FLD programme on animal husbandry particularly on mastitis management in milch animals, teat management, ethnoveterinary practice. - We have planned to organize two training programme on mastitis management in milch animals, teat management, ethnoveterinary practice in Theni District.
		To create more awareness on vaccination for blue tongue in goats, Ranikhet disease in poultry	We have planned to organize two training programme on vaccination for blue tongue in goats, Ranikhet disease in poultry in Theni District.
		KVK should conduct training on value-added products from milk and entrepreneurship development in the animal husbandry sector.	We have planned to organize two training and create awareness programme on increase milk production technology in Theni District.

S.No.	Name of the SAC Member	Suggestions/Recommendations (bullet points)	Action Taken in brief
			We have planned to organize 4 days skill training programme on value added products from Milk for promoting entrepreneurship development animal husbandry sector
3	Dr. G. Sudhakar, Professor and Head, Agricultural Research Station (ARS), Vaigai Dam, Theni	KVK should popularize the VGD 1 paddy variety.	We have planned to popularize the VGD 1 Paddy variety through various extension activities in collaboration with State Department of Agriculture.
		KVK should conduct training on wilt management practices in coconut TNAU Cocoon	We have planned to conduct one FLD Programme on coconut wilt management.
		To popularize the TNAU Copra Guard and Virgin Coconut Oil technologies.	- We have planned to organize 8 Method Demonstration on TNAU Copra Guard in all blocks of Theni District - We have Planned to arrange exposure visit to ICAR CPCRI, Kasaragod to learn Virgin Coconut Oil Technologies and Value-Added Products from Coconut. - We have planned to organize 2 days Skill Training on Value Added Products from Coconut.
		To promote Integrated Farming Systems (IFS) among Theni district.	- We have planned to organize two training programme on Integrated Farming Systems (IFS) to the farmers. - We have planned to promote twenty IFS Units in Theni District in collaboration with State Department of Agriculture.
		To implementing weed management in direct sown paddy under OFT/FLD programmes	- We have planned to organize two off campus training programme on weed management practices in direct sown paddy. - We have planned to conduct one FLD Programme on weed management in direct sown paddy.
		To popularize drum seeded technology in paddy	We have planned to popularize drum seeded technology in paddy through various extension activities in collaboration with State Department of Agriculture.

S.No.	Name of the SAC Member	Suggestions/Recommendations (bullet points)	Action Taken in brief
		KVK should conducting awareness programmes on wild boar and bird scarer management.	We have planned to conduct awareness programmes on wild boar and bird scarer management in collaboration with State Department of Forest.
4	Dr. G. Panjavarnam, Senior Scientist, ICAR-NRC for Banana, Trichy	KVK should popularize NRCB Kaveri, Poovan and Udhayam banana varieties for the benefit of banana growers.	- We have planned to organize two off campus and two oncampus training programme on recent cultivars and improved technologies in banana. - We have planned to conduct one FLD Programme on NRCB Kaveri variety.
		To create awareness on ICAR-NRCB Banana Sakthi among the banana growers.	- We have planned to organize two training programme on Usage of NRCB Banana Sakthi to the banana growers. - We have planned to create awareness on importance and role of micronutrients in banana cultivation through various extension activities in collaboration with State Department of Horticulture.
		To promote value-added banana products.	We have Planned to organize 2 days Skill Training on Value Added Products from Banana, Stem, Flower and Leaves
5	Mrs. M. Santhamani, Joint Director of Agriculture, Department of Agriculture and Farmers Welfare, Theni	KVK should focus on pest management in major crops at the field level.	We have planned to conduct five training programme on major pest and disease management in Theni District
		To create awareness on liquid biofertilizers to promote and support organic farming	- We have planned to organize awareness programmes on liquid biofertilizers and its benefits to the farmers and farm women's in collaboration with State Department of Agriculture. - We have planned to conduct one skill training programme on production of Bio inputs for promotion of organic farming.
		To organize need-based training programmes on post-harvest management and value addition	We have planned to organize 6 days Skill Training on Post Harvest Management and Value Addition in Fruits and Vegetables in collaboration with ATMA and

S.No.	Name of the SAC Member	Suggestions/Recommendations (bullet points)	Action Taken in brief
			MANAGE
		To popularize green manure seeds in collaboration with the Department of Agriculture.	• We have planned to popularize various green manure varieties in collaboration with State Department of Agriculture. • We have planned to conduct awareness programme on green manure crops through various extension activities in collaboration with State Department of Agriculture.
6	Mrs. R. Nirmala, Deputy Director of Horticulture, Theni	KVK should introduce exotic horticulture crops such as dragon fruit and passion fruit	• We have planned to organize various Trainings on exotic horticulture crops such as dragon fruit, passion fruit etc.,and Value Addition.
		To organize awareness programmes on horticulture schemes and subsidies in collaboration with the Department of Horticulture.	• We have planned to organize awareness programmes on schemes and subsidies its benefits to the farmers and farm women's in collaboration with State Department of Agriculture.
7	Mrs. R. Selvi, Executive Engineer, Department of Agricultural Engineering	KVK should organize awareness programmes on post-harvest machinery, schemes and subsidies in collaboration with the Department of Agricultural Engineering.	• We have planned to conduct awareness programmes on post-harvest machinery, schemes and subsidies in collaboration with the Department of Agricultural Engineering.
8	Mr. M. Mahavishnu, Agriculture Officer, AGMARK Lab, Department of Agriculture Marketing, Theni	KVK should create awareness on regulated market schemes and the facilities available to farmers.	• We have planned to organize one training programme on different market channels available for farming community and also planned to conduct two awareness programmes on regulated market schemes and the facilities available to farmers in collaboration with the Department of Agricultural Engineering.
9	Mrs. M. Selvarani, Ranger, Department of Forests, Myladumparai, Theni	KVK should conduct off-campus training programmes on tree crop cultivation practices at the block level in collaboration with the Forest Department. Also emphasized to focus on pest and disease management in tree crops.	• We have planned to organise two training programmes on tree crop cultivation practices at the block level in collaboration with the Forest Department.

S.No.	Name of the SAC Member	Suggestions/Recommendations (bullet points)	Action Taken in brief
10	Mrs. Geetha Mathavan, Progressive Farm Woman, Chinnaovalapuram Village, Chinnamanur Block, Theni	KVK should conduct off-campus training programmes on value addition of red banana flower to prevent wastage.	• We have planned to organize off campus training on Value Addition in Red Banana Flower at Chinnaovalapuram, Chinnamanur Block for banana farmers and farm women
		To arrange scientist visits for pest management in vegetables, particularly snake gourd and Coccinia	• We have planned to make a 10 diagnostic visit in various vegetables and Cucurbits
		To facilitate the procurement of tissue culture banana plants for improved yield.	• We have planned to organize 3 on campus meeting to farmers and various tissue culture industries. For the benefit linkage between Banana growers and tissue culture companies.
11	Mr. P. Naresh Prabhu, Supervisor, Department of Fisheries and Fishermen Welfare, Theni	KVK should conduct training programmes on fish farming, shrimp culture, bio floc technology, ornamental fish culture and seaweed cultivation in collaboration with the Department of Fisheries and Fishermen Welfare, Theni.	• We have planned to organise one training programme on fish farming, shrimp culture, bio floc technology, ornamental fish culture and seaweed cultivation in collaboration with the Department of Fisheries and Fishermen Welfare, Theni.
12	Mr. N. Karuppasamy, Assistant Executive Engineer, Department of Agricultural Engineering, Theni	KVK should create awareness on the importance and usage of the Uzhavar Application for accessing department-wise schemes, subsidies and other related services.	• We have planned to organise two training programmes on different mobile applications available for farming community in collaboration with State Department of Agriculture.
13	Mr. Y. Azhagumuthu, Progressive Farmer, Kamatchipuram, Chinnamanur Block, Theni	KVK should introduce high-yielding banana varieties for improved productivity and disease management.	• We have planned to introduce recent banana cultivars viz, KAVERI from NRCB, CO 3 from TNAU through various upcoming FLD's programs.
		To provide advisory services for the management of Fusarium wilt in banana.	• We have planned to organize three training programme for major banana growing areas in Theni District.
14	Mr. P. Sokkar Selvam, Progressive Farmer, Kamatchipuram, Chinnamanur Block, Theni	KVK should promote technologies for provide a Package of Practices (PoP) for coriander cultivation,	• We have planned to organize various on campus and offcampus training programmes on Package of Practices (PoP) for coriander in collaboration with State Department of Agriculture.

S.No.	Name of the SAC Member	Suggestions/Recommendations (bullet points)	Action Taken in brief
		To conduct training programmes on value addition in coir-based products.	• We have Planned to provide training on Coir based Value Added Products. • We have planned to arrange exposure visit for coir-based products industry.
15	Mr. M. Pandiyan, President, District Farmers Association, Theni	KVK should focus more on programmes related to soil health management.	• We have planned to conduct 12 soil health camp and four training programmes on sustainable soil health management practices to the farmers.
16	Mrs. P. Hema, Women Entrepreneur, Aranmanaipudur, Theni	KVK should facilitate support for Intellectual Property Rights (IPR) for entrepreneurs' innovative products and provide nutrient analysis services for food products.	• We have planned conduct one training programme on Intellectual Property Rights (IPR) to the entrepreneurs. • We have planned to document Novel and Innovative Products for Patent filing with department of MSME and TNSCST, Chennai • We have planned to provide handholding support for KVK promoted entrepreneurs for nutrient analysis for food products and labeling procedures during Monthly Entrepreneurs Meet.
17	Mrs. R. P. Parimaladevi, Programme Executive, All India Radio, Madurai	KVK should share pre-event information and news on KVK programmes with All India Radio to ensure wider publicity and outreach for the benefit of the farming community.	• We have planned to provide pre-event information and news on KVK programmes with All India Radio for wider publicity and outreach for the benefit of the farming community.
18	Mr. K. Kamaraj, Founder, Vidiyal NGO, Rasingapuram, Chinnamanur Block, Theni District	KVK should actively disseminate information on State and Central Government schemes through social media platforms.	• We have planned to disseminate the information on State and Central Government schemes through social media platforms. • We have planned to prepare pamphlet on state and central agricultural schemes to share in social media for wider dissemination.
		To establish a "District Level KVK Model Village" to enhance visibility and to motivate farmers for better adoption of new technologies.	• We have planned to focus on different KVK Mandated activities in DFI Village. • We have Planned to develop "District Level KVK Model Village" to implement agriculture

S.No.	Name of the SAC Member	Suggestions/Recommendations (bullet points)	Action Taken in brief
			technologies from farm to folk concepts.
		To create awareness among dairy farmers on ethnoveterinary practices.	• We have planned to organize two training programme on dairy farmers on ethnoveterinary practices in Theni District.
		To create awareness on e-NAM marketing among farming community.	• We have planned to organize one training programme on e-NAM marketing among farming community.
		To create awareness on carbon credit opportunities in agricultural sector.	• We have planned to conduct one training programme on carbon credit opportunities in agricultural sector through organic farming.
19	Mr. O. Chinnasamy, Progressive Farmer, Mayandipatti, Aundipatti Block, Theni	KVK should conduct training programmes on the production of organic inputs, organic micronutrient mixtures, and organic pest repellents	• We have planned to organize one skill training programme on production of organic inputs for promotion of organic farming.
		To facilitate drone-based spraying for crop management.	• We have planned to conduct two method demonstration on drone-based spraying for crop management.

4.0 Capacity Building activities planned for KVK Staff

Annual training plan (ATP) to be prepared by each KVK for its HRD of staff.

4.1. Plan for 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	Mr.M. Arun Raj	Strengthening Agriculture Research with Gender Perspective for Sustainable Agri-Food System	ICAR, CIWA	3 Days	27.07.2026-29.07.2026
		Capacity building Programme on Carbon Farming to Scientists of KVKs	TNAU, Coimbatore	2 Days	12.08.2026-13.08.2026
2	Mr.C.Sabarinathan	Strengthening Agriculture Research with Gender Perspective for Sustainable Agri-Food System	ICAR, CIWA	3 Days	27.07.2026-29.07.2026
		Impactful AI Tools for Agriculture	NAARM, Hyderabad	5 Days	04.01.2027-08.01.2027

S. No	Name of the Head/ SMS/Staff	Area of Training	Institution proposed to attend	Duration	Dates (dd/mm/yy)
3	Dr. V. Karthik Pandi	Advanced techniques in Seed Production Quality Enhancement and storage management for Scientists	TNAU Coimbatore	2 days	04.08.2026-05.08.2026
		Export of organic products	NIPHM, Hyderabad	3 days	18.11.2026-20.11.2026
4	Dr.G.Rajaraman	Quality Planting Material Production and Value addition in Tropical tuber crops	Regional station ICAR-CTCRI Bhubaneswar	5 days	15.12.2026-19.12.2026
		Landscape Horticulture & Garden maintenance	Institute of Horticulture Technology, New Delhi	5 days	03.08.2026-07.08.2026
5	M.Ramyasivaselvi	Strengthening Agriculture Research with Gender Perspective for Sustainable Agri-Food System	ICAR, CIWA	3 Days	27.07.2026-29.07.2026
		Value Addition in Microgreens	NIFTEM-T, Thanjavur	3 Days	03.11.2026-05.11.2026

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	Grapes Cultivation	KVK Dindigul, Tenkasi	Organic input preparation	KVK Tenkasi
2	Entrepreneurship Development through Food Processing Incubation Center	All KVK	Agri Business Incubation Centers	KVK Madurai
3	Banana Cultivation	KVK, Tenkasi	Mango Cultivation	KVK Krishnagiri

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 *
Theni/Bodinayakanur /Bodinayakanur	Maize	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices	In an area of 150 ha among 200 farmers	Palarpatti	OFT, Training, Extension Activities
	Groundnut	Affected groundnut root rot diseases incidence is high (45 %). Yield loss 450 kg/ha. Due to lack of management practices.	In an area of 500 ha among 650 farmers	Perumalgo undanpatti	OFT, Training, Extension Activities
	Coconut	Affected root wilt diseases incidence is high (35 %). Yield loss. Due to lack of awareness in management practices	In an area of 500 ha among 250 farmers	Sadayalpatti	FLD, Training, Extension Activities
	Coconut	Affected Rugose spiraling whitefly Pest incidence is high (45 %). Yield loss. Due to lack of awareness in management practices	In an area of 500 ha among 250 farmers	Kamarajapuram	FLD, Training, Extension Activities
	Organic farming	Lack of knowledge about organic farming and lack of knowledge about organic input	In an area of 250 ha among 350 farmers	Palarpatti	Training, Extension Activities
	IFS	Farmers face low and unstable farm income due to	-	B.Meenatchipuram	Training, Extension Activities

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 *
		dependence on single-crop farming and inefficient utilization of available farm resources.			
	Tomato	Farmers are getting low yield (45 t/ha) due to low yield, High incidence of pest and disease.	In an area of 150 ha among 200 farmers	Palarpatti	FLD, Training, Extension Activities
	Coffee and Pepper	Wastage of Pulp (99%) Lack of knowledge on Value addition in coffee and pepper	-	Agamalai, Sokkanalai	FLD, Training and Extension Activities
	Pepper and Coffee	Less knowledge on Processing of pepper and Coffee, Safe storage methods	-	Muthuvakkudi	Training, Method Demonstration and Extension Activities
	Pepper and Coffee	Less knowledge on Processing of pepper and Coffee, Safe storage methods	-	Siraikadu	Training, Method Demonstration and Extension Activities
Theni/ Andipatty/ Andipatty	Chilli	Farmers are getting low yield due to low productivity due to imbalanced nutrient application and non-application of growth promoters; Unaware of plant growth promoters Reduced nutrient availability due to less mobility of nutrients	In an area of 250 ha among 400 farmers	Kathirnarasingapuram	OFT, Training, Extension Activities

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 *
	Lab lab	Non availability of improved variety and low yield. High incidence of pest and disease.	In an area of 250 ha among 300 farmers	G. Usilampatti	OFT, Training, Extension Activities
	Brinjal	Farmers are getting low yield (20 t/ha) due to Non availability of improved variety and low yield, High incidence of pest and disease.	In an area of 150 ha among 200 farmers	Mayandipatti	FLD, Training, Extension Activities
Theni/ Uthamapalayam/Chinnamanur Theni/ Uthamapalayam/Chinnamanur	Paddy	Low yield (49.71 q/ha) due to non-adoption of high yielding variety, incidence of yellow stem borer, sheath blight and non-adoption of ICM practices.	In an area of 300 ha among 450 farmers	U.Ammapatti	OFT, Training, Extension Activities
	Groundnut	Farmers are getting low yield (12.5 q/ha) due to drought incidence and poor germination percentage.	In an area of 250 ha among 400 farmers	Chinnaovalapuram	FLD, Training, Extension Activities
	Cashew Apple	Lack of knowledge on Cashew processing and Value Addition	-	Hanumanthampatti	Training and Extension Activities
	Coriander	Farmers are getting low yield (3.5 t/ha) due to Non availability of improved variety and low yield. High incidence of pest and disease.	In an area of 150 ha among 200 farmers	Seepalakottai	OFT, Training, Extension Activities
	Ridge gourd	Farmers are getting	In an area	Pulikuthi	OFT,

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 *
		low yield (10 t/ha) due to drought incidence and poor germination percentage.	of 150 ha among 200 farmers		Training, Extension Activities
	Ridge gourd	Farmers are getting low yield due to Non availability of Growth regulator particularly Vidhai Amirdham and low yield, High incidence of pest and disease.	In an area of 350 ha among 500 farmers	Poomalaigundu	FLD, Training, Extension Activities
Theni/ Andipatty/ Andipatty	Redgram	Farmers are getting low yield (6.2 q/ha) due improper nutrient management practices and non-application of growth regulators.	In an area of 150 ha among 200 farmers	Sitharpatti	FLD, Training, Extension Activities
	Finger Millet	Low yield (12.5 q/ha) due to non-adoption of high yielding variety	In an area of 20 ha among 35 farmers	Ethakovil	OFT, Training, Extension Activities
	Maize	Less price, high wastage during storage, lack of knowledge on primary processing techniques	-	Anuppapatti	Training and Extension Activities
Theni/ Theni/ Theni	Maize	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices	In an area of 150 ha among 200 farmers	Kattunayanpatti	FLD, Training, Extension Activities
	Onion	Farmers are getting low yield (120	In an area of 150 ha	Poomalaigundu	OFT, Training,

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 *
		q/ha) due to drought incidence and poor germination percentage.	among 200 farmers		Extension Activities
	Rice	Affected rice stem borer incidence is high (40%). So, yield loss (4500 kg/ha). Due to lack awareness of management practices	In an area of 1500 ha among 850 farmers	Veerapandi	OFT, Training, Extension Activities
	Acid lime	Affected Acid lime incidence is high (40%). So, yield loss (3000 kg/ha). Due to lack awareness of management practices	In an area of 290 ha among 450 farmers	Ettaparajapuram	FLD, Training, Extension Activities
Theni/ Andipatti/ Andipatti	Redgram	Farmers are getting low yield (12.7 q/ha) due improper nutrient management practices and non-application of growth regulators.	In an area of 150 ha among 200 farmers	Sitharpatti	FLD, Training, Extension Activities
	Black gram	Farmers are getting low yield (6.2 q/ha) due improper nutrient management practices and non-application of growth regulators.	In an area of 150 ha among 200 farmers	Ramalingapuram	Training, Extension activities
Theni/ Aundipatti / Kadamalai kundu	Coconut	Yield loss (20 %) due to button shedding problem; improper nutrient management practices.	In an area of 350 ha among 500farmers	Visuvasapuram	Training, Extension Activities

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 *
	Cluster bean	Farmers are getting low yield (10 t/ha) due to Non availability of improved variety and low yield, High incidence of pest and disease.	In an area of 250 ha among 400 farmers	Ponnampadu uagai	FLD, Training, Extension Activities
	Daincha	Low adoption of green manuring practices among farmers due to limited awareness and access to improved green manure varieties.	In an area of 55 ha among 120 farmers	Elilayaram pannai	FLD, Training, Extension Activities
Theni/ Uthamapalayam/ Chinnamanur	Banana	Lack of awareness on latest cultivation technologies and Yield loss (15 %) due to improper nutrient management and Micronutrient deficiency	In an area of 250 ha among 100 farmers	Chinnaovalapuram	Training, Extension Activities
	Cashew Apple	Lack of knowledge on Cashew processing and Value Addition	-	Hanumanthanpatti	Training and Extension Activities
	Paddy	Farmers often use excessive dose of complex fertilizer; this leads to high cost of fertilizer low fertilizer use efficiency and other environmental problems.	In an area of 350 ha among 500 farmers	Karungattankulam	FLD, Training, Extension Activities
	Groundnut	Low yield (12.51 q/ha) due to cultivation of low	In an area of 150 ha among 250	Pottipuram	FLD, Training, Extension

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 *
		yield variety and lack of awareness about ICM practices	farmers		Activities
	Disease Management	Lack of Knowledge of herbal spray Frequently affected tick infestation and tickborne disease of dairy cow	-	Kamatchipuram	OFT, Training, Extension Activities
	Disease Management	Repeat breeding, mastitis, lameness	-	Veppampatti	FLD, Training, Extension Activities
	Milk Production	Less knowledge on importance of value addition and its scope	-	Seepalakotta	Training, and Extension Activities
	Banana	Low market price, less knowledge on Value added products from banana	-	Erasayanayakanur	FLD, Training and Extension Activities
	Tomato	Less Knowledge on Value Added Products	-	Eranampatti	Training and Extension Activities
	Banana	High wastage, Less Knowledge on Value Added Products from Banana Flower	-	Chinnaovalapuram	Training, Method Demonstration and Extension Activities
	Marketing Linkages	Lack of knowledge about different marketing channels available to farming community	-	Karungattankulam	Training, and Extension Activities

District/ Taluk/ Block	Major crops & enterprises	Prioritized problems in these crops/ enterprise	Extent of area (ha/No.) affected	Names of cluster Villages identified for interventio n	Proposed intervention *
Theni/ Periyakula m/ Periyakula m	Paddy	Low yield (49.71 q/ha) due to non-adoption of high yielding variety, incidence of yellow stem borer, sheath blight and non-adoption of ICM practices	In an area of 250 ha among 400 farmers	Melmanagalam	FLD, Training, Extension Activities
	Mango	Less knowledge on Value Added Products from Mango	-	Periyakulam	Training, Method Demonstration and Extension Activities

*(OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp)

6.2. Details of adopted villages

District/Taluk/ Block	Name of cluster villages	Major crops & Enterprises	Major problems identified in each crop/enterprise	Proposed type of interventions*
Theni/Uthamapalayam/	Chinnamanur	Banana	farmers are getting low yield (850 q/ha) due to micronutrient deficiency problem and unaware of drone spray of micronutrient formulation.	Training, Extension Activities
		Ridge gourd	Farmers are getting low yield (45 t/ha) due to low yield, High incidence of pest and disease.	OFT, Training, Extension Activities
Theni/Andipatty/ Andipatty	Anuppapatti	Redgram	Farmers are getting low yield (6.2 q/ha) due improper nutrient management practices and non-application of growth regulators.	FLD, Training, Extension Activities
		Maize	Less knowledge on value added products from Maize	Training, Method Demonstration & Extension Activity

District/Taluk/ Block	Name of cluster villages	Major crops & Enterprises	Major problems identified in each crop/enterprise	Proposed type of interventions*
Theni/ Uthamapalayam/ Cumbum	Cumbum	Coconut	Lack of knowledge on Value Addition in Coconut	FLD, Training, Method Demonstration & Extension Activity
	Cumbum	Grapes & Less Knowledge on Value Addition in Grapes	-	KK Patti
Theni/ Bodinayakkanur/ Bodinayakkanur	Agamalai, Sokkanalai	Pepper, Coffee	Less knowledge on processing, value addition and Branding	FLD, Training, Method Demonstration & Extension Activity
	Muthuvakku di	Pepper, Coffee	Less Knowledge on Processing & Branding of Pepper and Coffee	Training and Extension Activities

*(OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp)

6.3 Details of DFI villages

District/Taluk/ Block	Name of cluster villages	Major crops & Enterprises	Major problems identified in each crop/enterprise	Proposed type of interventions
Theni/ Bodinayakkanur/ Bodinayakkanur	Palarpatti	Maize	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices	OFT, Training and Extension activities
		Banana	Farmers are getting low yield (850 q/ha) due to micronutrient deficiency problem and unaware of drone spray of micronutrient formulation	Training and Extension Activities
		Tomato	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices	FLD, Training and Extension activities

*(OFT/ FLD/ Training/ Field Day/ Method demonstrations/ Awareness camp)

7. Summary (targets) of mandated activities planned for the year 2026-27

Mandated Activities	Activities	Target
1. On- farm trials	a. No of OFTs	11
	b. No of Technologies (Total new technologies except FP)	22
	c. No. of locations (No. of Villages)	11
	d. No. of Beneficiaries (No. of Farmers fields)	55
	e. Area (Total area in ha)	22
2. Frontline Demonstrations	a. No. of FLDs	19
	b. No. of Locations (No of villages)	19
	c. No. of Beneficiaries (No of Farmers fields)	190
	d. Area (Total Area planned in ha)	76
3. Trainings for Farmers and Farm Women	a. No. of programmes	67
	b. No. of participants	1315
4. Trainings for Rural Youth	a. No. of programmes	16
	b. No. of participants	361
5. Trainings of Extension Personnel	a. No. of programmes	16
	b. No. of participants	350
6. Extension Activities	No. of activities (Total number of activities listed in Table 13)	1273
	No. of participants	56230
7. Production of seed (in quintals) (Crop-wise)	Groundnut (TMV 14, VRI 10)	25 q
	Black gram VBN 8 and VBN 10	5 q
	Fodder Sorghum COFS 29	0.50 q
	Green gram CO 8	1.50 q
8. Production of planting materials (in Nos.) (Crop-wise)	Mango, Sapota & Guava seedlings	20000
	Tomato, Chilli, & Brinjal	200000
	Banana suckers	10000
9. Production of live-stock strains and finger lings (Category wise Nos.)		225
10. Production of bio inputs (quantity in kg) (Item-wise)		
	Vermicompost	100 q
11. Production of other inputs (specify unit) (Item-wise)	IIHR Banana Special	40 q
12. Kisan mobile advisories	No. of messages	200
	No. of technologies	200
	No. of farmers	25000
Other mobile advisories	No. of messages	200
	No. of technologies	200
	No. of farmers	20000
13. Soil testing	No. of soil sample testing using Mobile Soil Testing Kit	300
	No. of soil sample testing in conventional laboratory	400
Water sample Testing (samples in No.)		
Soil Health Cards	No. of Cards using Mobile Soil Testing Kit data	-
	No. of Cards using Laboratory data	200

8. Technology Assessments proposed 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	Paddy	Assessment of high yielding medium duration paddy varieties – ADT 60	TO 1: Paddy-ADT 60 TO 2: KNM 1638 (Kunaram vari 2) FP: Private Variety - Gorakhnath 509	TNAU 2025 PJ TSAU 2021	New	5	12000	SMS (Agronomy) and SMS (Soil Science)	-	2
2	Ragi	Assessment of high yielding Finger Millet Varieties	TO 1: ATL 1 TO 2: Gowthami (PR 1045) FP:Paiyur 1	TNAU 2021 ANGRAU 2020	New	5	10000	SMS (Agronomy) and SMS (Soil Science)	-	-
3	Maize	Assessment of drought management strategies in improving yield in maize	TO 1: TNAU Vidhai amirdham - Hydrophilic Hormone based coating TO 2: Drought Guard	TNAU 2023 NBAIM 2020	New	5	9000	SMS (Soil Science) and SMS (Agronomy)	-	2

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: Without any application of drought mitigation inoculum							
4	Black gram	Assessment of TNAU Bio Meemix to enhance the productivity of Black gram	TO 1: TNAU Bio Meemix TO 2: Bio-Pulse FP: Non application of crop boosters	TNAU SWC, 2022 NBAIM 2020	New	5	8000	SMS (Soil Science) and SMS (Agronomy)	1	1
5	Onion	Assessment of foliar nutrition for higher yield in small onion	TO 1: Sampoorana KAU Multimix TO 2: IIHR Vegetable special @ 0.5 % on 30 DAS twice on 15 days interval FP: Application of DAP and Complex fertilizer without any crop boosters	TNAU 2023 IIHR 2016	New	5	8000	SMS (Soil Science) and (SMS Horticulture)	-	1

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
6	Coriander	Assessment of suitable high yielding varieties of Coriander in Theni District.	TO 1:CO 5 TO 2: Suruchi FP: Local variety	TNAU, 2022 YSRHU, 2017	New	5	10000	SMS (Horticulture) and SMS (Plant Protection)	1	0
7	Lab lab	Assessment of suitable high yielding varieties of Lablab in Theni District.	TO 1: Lab lab CO 16 TO 2: Arka jay FP: Local variety	TNAU, 2023 IIHR, 2017	New	5	6000	SMS (Horticulture) and SMS (Plant Protection)	1	0
8	Ridge Gourd	Assessment of suitable high yielding varieties of Ridge gourd in Theni District.	TO-1: Ridge Gourd MDU-1 TO-2: Arka Harita FP: Local variety	TNAU, 2023 IIHR, 2016	New	5	5000	SMS (Horticulture) and SMS (Soil Science)	0	1

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
9	Groundnut	Assessment of IDM practices for Groundnut root rot diseases	TO 1: Seed Treatment with carbendazim @ 2 g/kg, Soil application of <i>T. viride</i> @ 2.5 kg/ha mixed with 50 kg FYM basally and on 40 DAS TO 2: Deep summer ploughing with mould board plough, Seed Treatment with tebuconazole @ 1.5 g/kg and PGPR @ 625 g/Kg of seed, Soil application of <i>T. asperellum</i> @ 4 kg/ha with enriched 250 Kg FYM first at the time of sowing, 2nd and 3rd on 35 and 70 DAS.	TNAU, 2020 DGR 2018	-	5	7500	SMS (Plant Protection) & SMS (Agronomy)	-	-

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
			TO 2: Release egg parasitoid, <i>Trichogramma japonicum</i> @ 2cc /ac at 30 DAT Pheromone trap @ 8 / ac for mass trapping. Need based spraying of Chlorantraniliprole 18.5% SC 60 ml/ac FP:Chlorantraniliprole (60 ml), Fipronil (3-4 kg granular or 200 ml liquid)							
11	Disease Management	Evaluation of TANUVAS-VIC “Tix killer” to mitigate acaricidal resistance in dairy farming	TO 1: Tix killer (Nano herbal based dusting powder) TO 2: NIF-Polyherbal spray - 2018 (Aqueous extraction of neem and notchi leaves	TANUVAS, Chennai 2022 NIF-DST, 2019	-	5	7500	PA (Animal Science)	-	2

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
			at 6% concentration FP: Deltamethirin (1.25%)							

*New FLD/2nd year/3rd year)

8.2. Details of OFTs (Use one table for each OFT) (TECHNOLOGY WRITEUP) 2026-27

Furnish existing/continuing OFTs first followed by newly proposed OFTs

OFT No.	01
Status (New proposal/2 nd year /3 rd year)	New Proposal
Subject	Agronomy
Theme	Varietal Evaluation
Category (if applicable)	Cereals
Crop/ enterprise	Paddy
Farming situation	Irrigated, Clay loam soil
Prioritized problem (short)	Majority of the farmers cultivate Gorakhnath 509 and other private rice varieties that are susceptible to major pests and diseases, such as Stem borer 25%, bacterial leaf blight 20% and false smut 20%. The productivity of these varieties is also low at 3800 kg/ha.
Title of the OFT	Assessment of high yielding medium duration paddy varieties – ADT 60
Technology options	
TO-1	Paddy-ADT 60
Source and year	TNAU 2025
Description (short)	This is medium duration variety; duration 130-135 days; parentage AD 01246 X CO (R) 49; average yield 6028 kg/ha; 13.2% increase the yield over ADT 46; medium tall about 120 cm non lodging stem; 75 % total milling with a high head rice recovery; moderately resistant to Brown plant hopper and stem borer.
Potential yield/income	60.28 q/ha
Critical Inputs	Paddy seed ADT 60- 20 kg, KNM 1638 – 20 kg Azospirillum 2 kg, <i>Phosphobacteria</i> 2 kg, <i>Bacillus subtilis</i> 2 kg.
Source of Inputs	TNAU
Photos	
TO-2	KNM 1638 (Kunaram vari 2)
Source and year	PJTSAU 2021
Description (short)	This is high-yielding, early-duration (120–125 days) medium-slender rice variety; Resistant to gall midge and leaf blast; moderately resistant to neck blast; High-yielding, averaging 30–35 quintals per acre (research yield can reach upwards of 73 quintals per hectare)
Potential yield/income	73.56 q/ha
Critical inputs & quantity and cost	KNM 1638 – 20 kg Azospirillum 2 kg, <i>Phosphobacteria</i> 2 kg, <i>Bacillus subtilis</i> 2 kg.
Source of Inputs	ARS, Thirur
Photos	
Farmers Practice	Private Variety - Gorakhnath 509
Farmers yield	49.5 q/ha
Season	Kharif 2026

Cost per replication (Rs.)	Rs.2400
No. of replications	5
Total cost for the OFT	Rs. 12000
Parameters to be studied	Plant height (cm), cob weight, grain yield (q/ha), gross cost, gross income, net income and BCR
Parameters to be reported	Pod yield, gross expenditure, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Agronomy) & SMS (Agricultural Extension)

OFT No.	02
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Agronomy
Theme	Varietal Evaluation
Category (if applicable)	Millet
Crop/ enterprise	Ragi
Farming situation	Rainfed, Sandy loam soil
Prioritized problem (short)	Low yield (12.5 q/ha) due to non-adoption of high yielding variety
Title of the OFT	Assessment of high yielding Finger Millet Varieties
Technology options	
TO-1	ATL 1
Source and year	TNAU 2021
Description (short)	This is high-yielding, non-lodging finger millet (ragi) variety. It features synchronized maturity, superior nutritional quality with high calcium and protein content and moderate resistance to blast disease.
Potential yield/income	22.7q/ha
Critical Inputs	Ragi seeds ATL-8 Kg, <i>Azospirillum</i> 2 kg, <i>Phosphobacteria</i> 2 kg, <i>Bacillus subtilis</i> 2 kg.
Source of Inputs	TNAU
Photos	
TO-2	Gowthami (PR 1045)
Source and year	ANGRAU 2020
Description (short)	This is a high-yielding, nutrient-dense finger millet (ragi) variety. Developed for the Kharif and Rabi seasons, it is widely cultivated across Andhra Pradesh and nearby southern regions. It stands out for its unique non-lodging (anti-fall) traits, high mineral content, and pest resistance.
Potential yield/income	32.0q/ha
Critical inputs	Ragi seeds Gowthami (PR 1045)-8 Kg, <i>Azospirillum</i> 2 kg, <i>Phosphobacteria</i> 2 kg, <i>Bacillus subtilis</i> 2 kg.
Source of Inputs	ANGRAU

Photos	
Farmers Practice	Paiyur 1
Farmers yield	15 q/ha
Season	Rabi 2026
Cost per replication (Rs.)	Rs.2000
No. of replications	5
Total cost for the OFT	Rs. 10000
Parameters to be studied	Plant height, no of fingers/plant, yield, gross cost, gross and net income, BCR
Parameters to be reported	Plant height, no of fingers/plant, yield, gross cost, gross and net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Agronomy) and SMS (Soil Science)

OFT No.	03
Status (New proposal/2 nd year /3 rd year)	2 nd year
Subject,	Soil Science
Theme	Crop Production and Management
Category (if applicable)	Milltes
Crop/ enterprise	Maize
Farming situation	Rainfed, red sandy loam
Prioritized problem (short)	Maize is cultivated in about 200 ha in the district. Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices
Title of the OFT	Assessment of drought management strategies in improving yield in maize
Technology options	
TO-1	TNAU Vidhai amirdham - Hydrophilic Hormone based coating
Source and year	TNAU 2023
Description (short)	Seed Coating Formulation Method of seed treatment • Add the required quantity of TNAU seed coating formulation to the seeds and stir vigorously for complete coating of seeds • After drying, the coated seeds can be used for sowing Benefits • Increases the speed of radicle emergence • Improves seed germination percentage 8-10 percent • Enhances stress tolerance by increasing secondary root growth Rate: 309 / 100 ml

Potential yield/income	36.5 q/ha
Critical Inputs	TNAU Vidhai amirdham and Field board; Rs.800
Source of Inputs	TNAU
Photos	
TO-2	Drought Guard
Source and year	National Bureau of Agriculturally Important Microorganisms (NBAIM 2020)
Description (short)	It can be applied as seed treatment, after dilution through irrigation water or through FYM after multiplication or through drip.
Potential yield/income	34.2 q/ha
Critical inputs & quantity and cost	Drought Guard, Field board; 1 lit, 1 nos; Rs.800
Source of Inputs	NBAIM 2020
Photos	
Farmers Practice	Without any application of drought mitigation inoculum
Farmers yield	28.4 q/ha
Season	Kharif 2026
Cost per replication (Rs.)	Rs.1800
No. of replications	5
Total cost for the OFT	Rs. 9000
Parameters to be studied	Plant height (cm), cob weight, grain yield (q/ha), gross cost, gross income, net income and BCR
Parameters to be reported	Pod yield, gross expenditure, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Soil Science) and SMS (Agronomy)

OFT No.	04
Status (New proposal/2 nd year /3 rd year)	2 nd year
Subject,	Soil Science
Theme	Crop Production and Management
Category (if applicable)	Vegetables
Crop/ enterprise	Chilli
Farming situation	Irrigated, red sandy loam
Prioritized problem (short)	Chilli is cultivated in about 150 ha in the district under irrigated condition. Low productivity due to imbalanced nutrient

	application and non-application of growth promoters; Unaware of plant growth promoters Reduced nutrient availability due to less mobility of nutrients
Title of the OFT	Assessment of liquid multi micronutrients for increasing yield in Chilli
Technology options	
TO-1	Foliar spraying with TNAU water soluble fertilizers @ 2% + liquid multi micronutrient @ 1% on 30 DAS 3 times on 10 days interval
Source and year	TNAU 2022
Description (short)	Foliar spraying with TNAU water soluble fertilizers @ 2% + liquid multi micronutrient @ 1% on 30 DAS 3 times on 10 days interval
Potential yield/income	240 q/ha
Critical Inputs	TNAU water soluble fertilizers, liquid multi micronutrient, Field board; 5 kg; Rs.1000
Source of Inputs	TNAU
Photos	
TO-2	IIHR Vegetable special
Source and year	IIHR 2020
Description (short)	Foliar spraying with IIHR vegetable special @ 0.5 % on 30DAS twice on 15 days interval
Potential yield/income	220 q/ha
Critical inputs & quantity and cost	IIHR vegetable special and field board; 5 kg, and 1 nos; Rs.600 and Rs.400
Source of Inputs	IIHR
Photos	
Farmers Practice	Application of DAP and Complex fertilizer without any crop boosters
Farmers yield	18.5 q/ha
Season	Kharif 2026
Cost per replication (Rs.)	Rs.2000
No. of replications	5
Total cost for the OFT	Rs. 10000
Parameters to be studied	Plant height, no of fruits/plant, fruit weight, fruit yield (t/ha), gross cost, gross income, net income, BCR
Parameters to be reported	Plant height, no of fruits/plant, fruit weight, fruit yield (t/ha), gross expenditure, gross income, net income, BCR
Source of funding (KVK-	KVK Main

Main/TSP/ /SC SP/ Project/Others (specify)	
Team members	SMS (Soil Science) and (SMS Horticulture)
OFT No.	05
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject,	Soil Science
Theme	Crop Production and Management
Category (if applicable)	Vegetables
Crop/ enterprise	Onion
Farming situation	Irrigated, red sandy loam
Prioritized problem (short)	Onion is cultivated in about 250 ha in the district. Low productivity due to imbalanced nutrient application and non-application of micronutrients; Unaware of micronutrients formulation; less bulb weight and less overall marketable yield; Poor bulb colour, size uniformity and quality.
Title of the OFT	Assessment of foliar nutrition for higher yield in small Onion
Technology options	
TO-1	Sampoorna KAU Multimix
Source and year	KAU 2023
Description (short)	Sampoorna KAU Multimix – It is a micronutrient formulation for improvement of crop yield in vegetables, corrects the nutrient deficiency and improves flowering and fruiting and Extended shelf life and shining quality. Spray at a concentration of 5g per liter of water before seedling transplantation. After transplantation, apply repeatedly at 30 to 50-day intervals using a concentration of 10g per liter
Potential yield/income	16.5 q/ha
Critical Inputs	Sampoorna KAU Multimix, Field board; 5 kg; Rs.1000
Source of Inputs	KAU
Photos	
TO-2	IIHR Vegetable special
Source and year	IIHR 2016
Description (short)	Foliar spraying with IIHR vegetable special @ 0.5 % on 30 DAS twice on 15 days interval
Potential yield/income	15.7 q/ha
Critical inputs & quantity and cost	IIHR vegetable special and field board; 5 kg, and 1 nos; Rs.600 and Rs.400
Source of Inputs	IIHR

Photos	
Farmers Practice	Application of DAP and Complex fertilizer without any micronutrient's application
Farmers yield	122 q/ha
Season	Kharif 2026
Cost per replication (Rs.)	Rs.2000
No. of replications	5
Total cost for the OFT	Rs. 8000
Parameters to be studied	Plant height, bulb weight, bulb yield, pest and diseases, gross cost, gross and net income, BCR
Parameters to be reported	Plant height, bulb weight, bulb yield, pest and diseases, gross cost, gross and net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Soil Science) and (SMS Horticulture)

OFT No.	06
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject,	Horticulture
Theme	Varietal Evaluation
Category (if applicable)	Spice crops
Crop/ enterprise	Coriander
Farming situation	Irrigated, Sandy loam
Prioritized problem (short)	Coriander is cultivated in about 150 ha in the district in which 150 ha is irrigated. Non availability of improved variety and low yield. High incidence of pest and disease.
Title of the OFT	Assessment of suitable high yielding varieties of Coriander in Theni District.
Technology options	
TO-1	CO 5
Source and year	TNAU, 2022
Description (short)	It is a selection from germplasm. This is suitable for cultivation in Kharif and Rabi seasons. The duration is 35 – 40 days for green leaf harvest. The average green leaf or herbage yield is 4.7 t/ha. It has essential oils like other varieties and linalool content is higher than CO (CR) 4.
Potential yield/income	Yield: 4.7 t / ha
Critical Inputs	Seeds, Vegetable special, Pseudomonas fluorescence and Field board. (Total:2000)
Source of Inputs	TNAU, Coimbatore, TAMILNADU

Photos	
TO-2	Suruchi
Source and year	Dr. YSRHU, 2017
Description (short)	Plants are herbaceous with lush green leaves, it has very good aroma, harvesting – 35-55 days, herbage yield 4.5t/ha
Potential yield/income	Herbage yield: 4.5 t/ha
Critical inputs & quantity and cost	Seeds, Vegetable special, Pseudomonas fluorescence and Field board. (Total:2000)
Source of Inputs	Dr. YSRHU
Photos	
Farmers Practice	Local variety
Farmers yield	3.5 t/ha
Season	Rabi, 2026
Cost per replication (Rs.)	Rs.2000/-
No. of replications	5
Total cost for the OFT	Rs. 10000/-
Parameters to be studied	Plant height (cm), Fresh Individual plant weight (g), dry Individual plant weight (g), No. of Branches/ plant, Herbage yield (t/ha), Shelf life and BCR
Parameters to be reported	Plant height (cm), Fresh Individual plant weight (g), dry Individual plant weight (g), No. of Branches/ plant, Herbage yield (t/ha), Shelf life and BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Horticulture) and SMS (Plant Protection)

OFT No.	07
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject,	Horticulture
Theme	Varietal evaluation
Category (if applicable)	Vegetable crops
Crop/ enterprise	Lab lab
Farming situation	Irrigated, Red sandy loam
Prioritized problem (short)	Bhendi is cultivated in about 250 ha in the district in which 250 ha is irrigated. Non availability of improved variety and low yield. High incidence of pest and disease.
Title of the OFT	Assessment of suitable high yielding varieties of Lablab in Theni District.
Technology options	

TO-1	Lab lab CO 16
Source and year	TNAU-2023
Description (short)	Lp (b) 03 x Lp (b) 36. June – July and October – November. Yield:16.5 t/ha. Kozhikkaal avarai type. Photo-insensitive and suitable for year-round cultivation. Early bearing with 50-55 days for first harvest. 12-15 pickings can be made in four months duration. Less infestation by Maruca pod borer (5.5%).
Potential yield/income	Pod yield: 16.5 t/ha
Critical Inputs	Seeds, IIHR vegetable special, Trichoderma viride and Field board. (Total Rs.1200)
Source of Inputs	TNAU, Coimbatore
Photos	
TO-2	Arka jay
Source and year	IIHR, 2017
Description (short)	Developed through back cross and pedigree selection involving the Parents Hebbal Avare x IIHR 93. Plants dwarf, bushy, erect and photo insensitive. Flowers purple. Pods long, light green slightly curved, Without parchment. Vegetable type with excellent cooking qualities. Tolerant to low moisture stress. Duration 75 days.
Potential yield/income	Pod yield: 15 t/ha
Critical inputs & quantity and cost	Seeds, IIHR vegetable special, Trichoderma viride and Field board. (Total Rs.1200)
Source of Inputs	IIHR, Bangalore
Photos	
Farmers Practice	Local variety
Farmers yield	12 t/ha
Season	Kharif, 2026
Cost per replication (Rs.)	Rs.1200/-
No. of replications	5
Total cost for the OFT	Rs. 6000/-
Parameters to be studied	Number of pods per plant, Number of seeds per pod, pod weight (g), Yield (t/ha), BCR
Parameters to be reported	Number of pods per plant, Number of seeds per pod, pod weight (g), Yield (t/ha), BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Horticulture) and SMS (Plant Protection)

OFT No.	08
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject,	Horticulture
Theme	Varietal evaluation
Category (if applicable)	Vegetable crops
Crop/ enterprise	Ridge Gourd
Farming situation	Irrigated, Red sandy loam
Prioritized problem (short)	Ridge Gourd is cultivated in about 250 ha in the district in which 250 ha is irrigated. Non availability of improved variety and low yield Pest, diseases and virus incidence.
Title of the OFT	Assessment of suitable high yielding varieties of Ridge gourd in Theni District.
Technology options	
TO-1	Ridge Gourd MDU-1
Source and year	TNAU, 2023
Description (short)	Virudhunagar local x Periyakottai local. June – July and December - January under irrigated conditions. Yield:18.75 tons/ha. Medium sized fruits (29-30 cm length) with soft pulp. 10-15 pickings can be made in four months duration. Suitable for preparation of jam, thokku and pickles. Field tolerant to fruit fly.
Potential yield/income	Yield: 18.75 t/ha
Critical Inputs	Seeds, IIHR vegetable special, Trichoderma viride and Field board. (Total Rs.1000)
Source of Inputs	TNAU, Coimbatore
Photos	
TO-2	Arka Prasan
Source and year	IIHR, 2016
Description (short)	Open pollinated variety developed by inbred selection from the segregating germplasm, IIHR-53. Early variety (42-45 days for first picking), green, long, tender fruits, excellent cooking quality, nutritionally rich in antioxidant activity and minerals like phosphorus, Calcium and zinc. Yields 26.0 t/ha in 120-135 days.
Potential yield/income	Yield: 26 t/ha
Critical inputs & quantity and cost	Seeds, IIHR vegetable special, Trichoderma viride and Field board. (Total Rs.1000)
Source of Inputs	IIHR,2016
Photos	
Farmers Practice	Local variety
Farmers yield	10.0-12.0 t/ha
Season	Kharif 2026

Cost per replication (Rs.)	Rs.1000
No. of replications	5
Total cost for the OFT	Rs.5000/-
Parameters to be studied	Days taken for first picking, Weight of fruit (g), Number of fruits per plant, Yield per plant (kg), Yield per hectare (t) and BCR
Parameters to be reported	Days taken for first picking, Weight of fruit (g), Number of fruits per plant, Yield per plant (kg), Yield per hectare (t) and BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Horticulture) and SMS (Soil Science)

OFT No.	09
Status (New proposal /2 nd year /3 rd year)	New proposal
Subject	Plant Protection
Theme	Plant Protection
Category (if applicable)	Agronomy
Crop / Enterprise	Groundnut
Farming situation	Irrigated, Red soil
Prioritized problem (short)	1. Groundnut affected various fungal, bacterial and viral diseases which hampered its production and productivity. 2. Affected groundnut root rot diseases incidence is high (45 %). So, yield loss 450 kg/ha. Due to lack of management practices.
Title of the OFT	Assessment of IDM practices for Groundnut root rot disease
Technology options	
TO -1	Seed Treatment with carbendazim @ 2 g/kg, Soil application of <i>T. viride</i> @ 2.5 kg/ha mixed with 50 kg FYM basally and on 40 DAS
Source and year	TNAU, 2020
Description (short)	<i>T. viride</i> @ 2.5 kg/ha
Potential yield/income	13 q /ac
Critical Inputs and cost	<i>T. viride</i> @ 2.5 kg/ha
Source of Inputs	TNAU, 2020
Photos	
TO -2	Deep summer ploughing with mould board plough, Seed Treatment with tebuconazole @ 1.5 g/kg and PGPR @ 625 g/Kg of seed, Soil application of <i>T. asperellum</i> @ 4 kg/ha with enriched 250 Kg FYM first at the time of sowing, 2nd and 3rd on 35 and 70 DAS.
Source and year	DGR 2018
Description (short)	Soil application of <i>T. asperellum</i> @ 4 kg/ha
Potential yield/income	12.5 q/ac
Critical Inputs and cost	Soil application of <i>T. asperellum</i> @ 4 kg/ha
Source of Inputs	DGR 2018

Photos	
Farmers Practice	Soil application of COC (2.5 g/ lit)
Farmers yield	10 q/ac
Season	Kharif
Cost per replication (Rs.)	1,500
No. of replications	5
Total cost of the OFT	7,500
Parameters to be studied	No. of infected Plant , Yield, Gross income, Net income, B:C ratio
Parameters to be reported	No. of infected Plant , Yield, Gross income, Net income, B:C ratio
Source of funding	KVK Main

OFT No.	10
Status (New proposal /2 nd year /3 rd year)	New proposal
Subject	Plant Protection
Theme	Plant Protection
Category (if applicable)	Agriculture
Crop / Enterprise	Agriculture
Farming situation	Irrigated, Red soil
Prioritized problem (short)	1. Rice affected various fungal, bacterial and viral diseases which hampered its production and productivity. 2 Affected rice stem borer incidence is high (40%). So, yield loss (4500 kg/ha). Due to lack awareness of management practices
Title of the OFT	Assessment of stem borer management technologies in Rice
Technology options	
TO -1	Clip the seedling tips before transplanting to eliminate egg masses. Install light trap @ 1 / ha, Pheromone trap @ 5 / ac. Release egg parasitoid, <i>Trichogramma japonicum</i> @ 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
Source and year	TNAU, 2023
Description (short)	Install light trap @ 1 / ha, Pheromone trap @ 5 / ac. Spray Azadirachtin 0.03% 400 ml/ac.
Potential yield/income	33 q /ha
Critical Inputs and cost	Install light trap @ 1 / ha, Pheromone trap @ 5 / ac. Spray Azadirachtin 0.03% 400 ml/ac.
Source of Inputs	TNAU, 2023
Photos	
TO -2	Release egg parasitoid, <i>Trichogramma japonicum</i> @ 2cc /ac at 30 DAT

	Pheromone trap @ 8 / ac for mass trapping. Need based spraying of Chlorantraniliprole 18.5% SC 60 ml/ac
Source and year	ICAR-NRRI, 2019
Description (short)	Pheromone trap @ 8 / ac for mass trapping.
Potential yield/income	31.5 q/ha
Critical Inputs and cost	Pheromone trap @ 8 / ac for mass trapping.
Source of Inputs	ICAR-NRRI, 2019
Photos	
Farmers Practice	Chlorantraniliprole (60 ml), Fipronil (3-4 kg granular or 200 ml liquid)
Farmers yield	29.5 q/ha
Season	Kharif
Cost per replication (Rs.)	1,500
No. of replications	5
Total cost of the OFT	7,500
Parameters to be studied	No. of infected Plant , Yield, Gross income, Net income, B:C ratio
Parameters to be reported	No. of infected Plant , Yield, Gross income, Net income, B:C ratio
Source of funding	KVK Main

OFT No.	11
Status (New proposal /2 nd year /3 rd year)	New proposal
Subject	Animal Science
Theme	Animal Science
Category (if applicable)	Animal Science
Crop / Enterprise	Cattle
Farming situation	-
Prioritized problem (short)	Lack of Knowledge herbal spray Frequently affected tick infestation and tickborne disease of dairy cow
Title of the OFT	Evaluation of TANUVAS-VIC “Tix killer” to mitigate acaricidal resistance in dairy farming
Technology options	
TO -1	Tix killer Nano herbal spray
Source and year	TANUVAS, Chennai 2022
Description (short)	Tix killer Nano herbal spray
Potential yield/income	-
Critical Inputs and cost	Tix killer Nano herbal spray
Source of Inputs	TANUVAS, Chennai 2022
Photos	

TO -2	NIF- Polyherbal spray -2018 (Aqueous extraction of neem and notchi leaves at 6% concentration)
Source and year	NIF-DST, 2019
Description (short)	NIF- Polyherbal spray -2018
Potential yield/income	-
Critical Inputs and cost	NIF- Polyherbal spray -2018
Source of Inputs	NIF-DST, 2019
Photos	
Farmers Practice	Deltamethirin (1.25%)
Farmers yield	-
Season	-
Cost per replication (Rs.)	1,500
No. of replications	5
Total cost of the OFT	7,500
Parameters to be studied	Tick incidence, frequency of recurrence, Anemia and BCR
Parameters to be reported	Tick incidence, frequency of recurrence, Anemia and BCR
Source of funding	KVK Main

* New OFT/2nd year/3rd year

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	Paddy	Demonstration of Seed production on rice variety ADT 56 for kuruvai / Navarai seasons	Low yield (49.71 q/ha) due to non-adoption of high yielding variety, and non-adoption of ICM practices	ADT 56 Paddy Variety with ICM Practices	TNAU 2023	New	10	4	9000	SMS (Agronomy) and SMS (Agricultural Extension)	-	2
2	Groundnut	Demonstration of Groundnut - Vishista (TCGS 1694) variety in Theni district	Low yield (12.51 q/ha) due to cultivation of low yield variety and lack of awareness about ICM practices	TCGS 1694 Groundnut Variety with ICM Practices	ANGRA U, 2022	New	10	4	8000	SMS (Agronomy) and (Agricultural Extension)	-	2

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
3	Daincha	Demonstration of Seed production in Daincha TRY 1	Low adoption of green manuring practices among farmers due to limited awareness and access to improved green manure varieties.	Daincha TRY -1 Variety	TNAU, 2023	New	10	4	8000	SMS (Soil Science) and SMS (Extension)	-	-
4	Groundnut	Demonstration of TNAU Groundnut Vidhai Amirdham for increasing yield in Groundnut	Low productivity due to drought incidence and lack of awareness about drought management practices	TNAU Groundnut Vidhai amirdham	TNAU, 2023	New	10	4	6500	SMS (Soil Science) and SMS (Horticulture)	-	2

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
5	Maize	Demonstration of TNAU Liquid Maize Maxim in Maize for higher yield	Maize is cultivated in about 200 ha in the district. Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices	TNAU Liquid Maize Maxim	TNAU, 2022	New	10	4	8000	SMS (Soil Science) and SMS (Agronomy)	-	2
6	Red gram	Demonstration of TNAU Liquid pulse wonder in red gram for higher yield	Farmers are getting low yield (12.7 q/ha) due to improper nutrient management practices and non-	TNAU Liquid pulse wonder	TNAU, 2023	New	10	4	8000	SMS (Soil Science) and SMS (Agronomy)	-	-

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
			application of growth regulators.									
7	Paddy	Demonstration of TNAU Rice reap for increasing productivity in paddy cultivation	Farmers often use excessive dose of complex fertilizer; this leads to high cost of fertilizer low fertilizer use efficiency and other environmental problems.	TNAU Rice reap	TNAU, 2022	2 nd year	10	4	9000	SMS (Soil Science) and SMS (Agronomy)	-	2
8	Cluster bean	Demonstration of Cluster bean MDU-2 in Theni District	Non availability of improved variety and low yield, High incidence of pest and	Cluster bean MDU-2	TNAU, 2024	New	10	4 ha	12000	SMS (Horticulture) and SMS (Plant Protection)	1	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
			disease.									
9	Brinjal	Demonstration of Brinjal CO 3 in Theni District	Non availability of improved variety and low yield, High incidence of pest and disease.	Brinjal CO 3	TNAU, 2024	New	10	4 ha	12000	SMS (Horticulture) and SMS (Plant Protection)	0	0
10	Tomato	Demonstration of Cluster bean MDU-2 in Theni District	Non availability of improved variety and low yield.	BIOGROW liquid formulation	ICAR-National Bureau of Agricultural Important Microorganisms, Mau, UP, India (2020)	New	10	4	5000	SMS (Horticulture) and SMS (Soil Science)	0	1

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	Ridgegourd	Demonstration of TNAU Ridge gourd Vidhai Amirdham for higher productivity.	Non-application of growth regulators.	TNAU Ridge gourd Vidhai Amirdham	TNAU, 2024	New	10	4	5000	SMS (Horticulture) and SMS (Soil Science)	0	1
12	Acidlime	Demonstration of IDM practices in Acid lime	Affected Acid lime incidence is high (40%). Yield loss (3000 kg/ha). Due to lack awareness of management practices.	Removal and burning of affected twigs, Foliar application of Carbendazim @ 0.1% spray, Foliar application of Streptocyclin @ 100 ppm + Copper oxychloride 0.3% spray, Foliar application of <i>Bacillus subtilis</i> 5 ml /lit. Foliar	TNAU, 2020	-	10	4	12,000	SMS (Plant Protection) & SMS (Horticulture)	-	-

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
				application of Citrus special 5% spraying during new flush, one month after first spraying at flowering and fruit set.								
13	Coconut	Demonstration of TNAU Cococon for the management of Coconut root wilt disease	Affected root wilt diseases incidence is high (35 %). Due to lack of awareness of management practices	Application of 'Cococon' @ 2 litre per tree mixed with 8 litre waters at three-month intervals around root zone to manage wilt diseases	TNAU, 2021	-	10	2	30,000	SMS (Plant Protection) & SMS (Horticulture)		-
14	Coconut	Demonstration of IPM Module against Coconut Rugose	Affected Rugose spiraling whitefly Pest	Release of <i>Encarsia gaudeloupe</i> @ 100 parasitoids/acr	TNAU, 2020	-	10	4	20,000	SMS (Plant Protection) & SMS (Horticulture)		2

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
		Spiraling Whitefly	incidence is high (45 %). yield loss. Due to lack of awareness in management practices	e (10 leaf bits/acre), Installation of Yellow sticky trap (5X1.5 Feet) smeared with castor oil @ 5 / acre, Release of <i>Crysoperla zastrowi sillemi</i> eggs @ 500/acre, spraying of 1 % starch solution for sooty mould, Spraying Azadiractin 1 % @ 2 ml/lit						ure)		
15	Disease Management	Assessment of Masti Heal gel to control Sub clinical Mastitis in Dairy animals	Repeat breeding, mastitis, lameness	Masti Heal gel is herbal preparation to prevent mastitis of dairy cow and	TANUV AS 2021	-	10	-	15,000	PA (Animal Science)	-	-

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
				reduces the incidence of sub clinical Mastitis.								
16	Banana	Demonstration of Banana pseudo stem RTS	Less knowledge on Value Added Products from Banana Pseudostem	Banana pseudo stem RTS	ICAR NRCB, Trichy (2020)	2 nd Year	10	-	10,000	SMS (Home Science)	-	1
17	Green Leafy Vegetables	Demonstration on Microgreen Production and Value Addition for Entrepreneurship Development	Less Knowledge on Microgreen cultivation, value addition practices and consumption pattern of greens for nutrition security	Microgreen	TNAU, Coimbatore (2025)	New FLD	10	-	10,000	SMS (Home Science)	-	1

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
18	Coconut	Demonstration of Value-Added Products from Coconut	Low Market Price, Less knowledge on processing and value-added products from Coconut	Coconut Chips, Coconut Jelly	ICAR CPCRI (2024)	New	10	-	30,000	SMS (Home Science)	-	5
19	Spices	Empowerment of tribal farmers by enhancing income through value addition in spices	Less knowledge on processing and value addition techniques	Processing of Pepper	ICAR IISR, Kozhikode (2020)	New	10	-	10,000	SMS (Home Science)	-	2

*New FLD/2nd year/3rd year)

9.2. Details of FLDs (Use one table per FLD) (TECHNOLOGY WRITEUP) 2026-27

FLD No.:	01
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Agronomy
Category:	Cereals
Crop/ enterprise:	Paddy
Farming situation	Irrigated, Clay loam
Prioritized problem:	Low yield (49.71 q/ha) due to non-adoption of high yielding variety, incidence of yellow stem borer, sheath blight and non-adoption of ICM practices
Title	Demonstration /Seed production on rice variety ADT 56 for kuruvai / Navarai seasons
Technology to be demonstrated:	ADT 56 Paddy Variety with ICM Practices
Hybrid or Variety:	Variety
Source of Technology:	TNAU 2023
Description	Duration 115-120 days, Average grain yield -Yield 64.00 q/ha, High milling (69.4%) and Head rice yield (58.8%), intermediate amylose (23.8%), good cooking & eating qualities. Moderately resistant to leaf blast, grain discolouration, stem borer and leaf folder.
Potential yield	71 q/ha
Critical input, quantity and cost	Private Variety
Farmers practice	Non application of any growth promotors/boosters
Source of input	TNAU
Photos	
Average farmers yield	49.5 q/ha
Season	Kharif 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.9000
Parameters to be studied:	Plant height, no. productive tillers per plant, yield, gross cost, gross and net income, BCR
Parameters to be reported	Plant height, no. productive tillers per plant, yield, gross cost, gross and net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	(SMS Agronomy) & SMS (Soil Science)

FLD No.:	02
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Agronomy
Category:	Oilseeds
Crop/ enterprise:	Groundnut
Farming situation	Rainfed, red sandy loam
Prioritized problem	Low yield (12.51 q/ha) due to cultivation of low yield variety and lack of awareness about ICM practices
Title	Demonstration on Groundnut - Vishista (TCGS 1694) variety in Theni district
Technology to be demonstrated	TCGS 1694 Groundnut Variety with ICM Practices
Hybrid or Variety	Variety
Source of Technology	ANGRAU, 2022
Description	Duration-105-110 days, Yield -33 q/ha, Spanish Bunch, Tolerant to foliar diseases viz., early leaf spot, late leaf spot and rust diseases; Pod yield (Kg/ha): 2489 (kharif); 2495 (rabi)
Potential yield	33.00 q/ha
Critical input, quantity and cost	TCGS 1694 Seeds 25 kg – Rs.3000 TNAU Groundnut rich 2 -kg - 500
Farmers practice	JL 24
Source of input	RARS, Tirupati, NSC
Photos	
Average farmers yield	12.5 q/ha
Season	Kharif 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.15000
Parameters to be studied	Number filled pods/Plant, test weight (g), Pod Yield (q/ha), haulm yield (q/ha), gross expenditure, gross income, net income, BCR
Parameters to be reported	Number filled pods/Plant, test weight (g), Pod Yield (q/ha), haulm yield (q/ha), gross expenditure, gross income, net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Agronomy) and (Agricultural Extension)

FLD No.	03
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Agronomy
Category	Green manures
Crop/ enterprise	Daincha
Farming situation	Irrigated, Sandy loam soil
Prioritized problem	Low adoption of green manuring practices among farmers due to limited awareness and access to improved green manure varieties.

Title	Demonstration / Seed production in Daincha TRY 1
Technology to be demonstrated	Daincha TRY 1
Hybrid or Variety	Variety
Source of Technology	TNAU 2023
Description	TRY 1 is a high-yielding daincha green manure variety developed for rapid biomass production and efficient soil improvement. It grows vigorously within 45–50 days, fixes atmospheric nitrogen, and adds substantial organic matter to the soil.
Potential yield	Biomass yield (17.80 tonnes / ha)
Critical input, quantity and cost	Daincha TRY 1 seeds- Rs125/ kg
Farmers practice	Not practicing green manure cultivation
Source of input	TNAU
Photos	
Average farmers yield	Biomass yield (14.5 tonnes / ha)
Season	Rabi
No. of Demos (replications)	10
Total cost for the Demo	10000
Parameters to be studied	Nutrient content in soil and Yield
Parameters to be reported	Nutrient content in soil and Yield
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Soil Science) and SMS (Extension)

FLD No.	04
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Soil Science
Category:	Oilseeds
Crop/ enterprise:	Groundnut
Farming situation	Rainfed, red sandy loam
Prioritized problem:	Farmers are getting low yield (12.5 q/ha) due to drought incidence and poor germination percentage.
Title	Demonstration of TNAU Groundnut Vidhai Amirdham for increasing yield in Groundnut
Technology to be demonstrated	TNAU Groundnut Vidhai Amirdham
Hybrid or Variety	Variety
Source of Technology	TNAU 2023
Description	TNAU Groundnut Vidhai amirdham - Hydrophilic Hormone based coating Benefits: Increase in germination % and seedling Vigour; Dense root growth and better field establishment; Better stress tolerance; Higher crop yield (15-18 %)

	Dosage: 1 l ml/ kg of seeds
Potential yield	24 q/ha
Critical input, quantity and cost	TNAU Groundnut Vidhai amirdham, Field board; 1 lit, Rs.1500
Farmers practice	Non application of any growth promotors/boosters
Source of input	KVK
Photos	
Average farmers yield	12.5 q/ha
Season	Kharif 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.8000
Parameters to be studied	Plant height, pod yield, haulm yield, pest and diseases, gross cost, gross and net income, BCR
Parameters to be reported	Pod yield, gross cost, gross and net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Soil Science) and (SMS Agronomy)

FLD No.	05
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Soil Science
Category	Millets
Crop/ enterprise	Maize
Farming situation	Rainfed, red sandy loam
Prioritized problem	Maize is cultivated in about 200 ha in the district. Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices
Title	Demonstration of TNAU Liquid Maize Maxim in Maize for higher yield
Technology to be demonstrated	TNAU Liquid Maize Maxim
Hybrid or Variety	Hybrid
Source of Technology	TNAU 2022
Description	TNAU Liquid Maize Maxim: A Liquid Booster with Nutrients and Growth Regulators for Drone Application in Maize Application Method: Dose: 1 litre / acre, Spray volume: 20 litres / spray Stages of spray: Flowering stage (1 litre / acre) & Grain filling stage (1 litre / acre), Mix one litre of concentrated TNAU Liquid Maize Maxim with 19 lit of good quality water. Add wetting agent (20 ml). Spray through drone. Benefits: Improves grain filling, increases grain yield up to 20 per cent, improves drought tolerance and maximize nutrient use

	efficiency
Potential yield	43.5 q/ha
Critical input, quantity and cost	TNAU
Farmers practice	Non application of any crop boosters
Source of input	KVK
Photos	
Average farmers yield	28.4 q/ha
Season	Kharif 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.8000
Parameters to be studied:	Plant height (cm), cob weight, grain yield (q/ha), gross cost, gross income, net income and BCR
Parameters to be reported	Grain yield, gross cost, gross and net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Soil Science) and (SMS Agronomy)

FLD No.	06
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Soil Science
Category	Pulses
Crop/ enterprise	Red gram
Farming situation	Rainfed, red sandy loam
Prioritized problem	Farmers are getting low yield (6.2 q/ha) due improper nutrient management practices and non-application of growth regulators.
Title	Demonstration of TNAU Liquid pulse wonder in Red gram for higher yield
Technology to be demonstrated	TNAU Liquid pulse wonder
Hybrid or Variety	Variety
Source of Technology	TNAU 2023
Description	TNAU Liquid pulse wonder: A Liquid Booster with Nutrients and Growth Regulators for Drone Application in Pulses. Application Method Dose: 1 litre / acre Spray volume: 20 litres Stage of spray Greengram & Blackgram: Peak flowering stage Redgram: Flowering and 15 days after first spray

	Mix one litre of concentrated TNAU Liquid Pulse Wonder with 19 lit of good quality water. Add wetting agent (20 ml). Spray through drone. Benefits · Decreases flower shedding · Increases yield up to 20 per cent · Increases drought tolerance · Maximize nutrient use efficiency
Potential yield	9.6 q/ha
Critical input, quantity and cost	TNAU Liquid pulse wonder, 1 lit, Rs.800
Farmers practice	Non application of MN Mixture
Source of input	KVK
Photos	
Average farmers yield	6.2 q/ha
Season	Kharif 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.8000
Parameters to be studied	Plant height, No. of branches per plant, No. of pods / plant, pod yield per plant (kg), Yield (kg/ha), gross cost, gross and net income, BCR
Parameters to be reported	Yield (kg/ha), gross cost, gross and net income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Soil Science) and SMS (Agronomy)

FLD No.	07
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Soil Science
Category	Cereals
Crop/ enterprise	Paddy
Farming situation	Mullai periyar basin, red loamy soil
Prioritized problem	Farmers often use excessive dose of complex fertilizer; this leads to high cost of fertilizer low fertilizer use efficiency and other environmental problems.
Title	Demonstration of TNAU Rice reap for increasing productivity in paddy cultivation
Technology to be demonstrated	TNAU Rice reap
Hybrid or Variety	Variety
Source of Technology	TNAU, 2022

Description	TNAU Rice reap - Dose: 6 kg/acre, Spray volume: 200 lit Stages of spray: Booting stage (3 kg) and 10 days after first spray (3 kg). Add adequate quantity of wetting agent Benefits - Improves spikelet fertility and grain filling rate - Increases grain yield up to 15 % - Improves tolerance against drought and high temperature
Potential yield	52 q/ha
Critical input, quantity and cost	TNAU Rice reap, Field board; 1 lit, Rs.1200
Farmers practice	Non application of crop boosters
Source of input	TNAU
Photos	
Average farmers yield	45 q/ha
Season	Rabi 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.9000
Parameters to be studied	Plant height, no. productive tillers per plant, yield, gross cost, gross and net income, BCR
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 (Soil Science) and SMS (Agronomy)

FLD No.	08
Status (New proposal/2 nd year /3 rd year)	FLD (2 nd year)
Subject	Horticulture
Category	Vegetable crops
Crop/ enterprise	Cluster bean
Farming situation	Irrigated, Red sandy loam
Prioritized problem	Cluster bean is cultivated in about 150 ha in the district in which 150 ha is irrigated. Non availability of improved variety and low yield, High incidence of pest and disease.
Title	Demonstration of Cluster bean MDU-2 in Theni District
Technology to be demonstrated	Cluster bean MDU-2
Hybrid or Variety	Variety
Source of Technology	TNAU
Description	Short statured plants (70-75cm) with long pods (15–16cm). No. of pods per plant: 115 to 125. Protein content 2.6 g/100g, Crude fibre 2.58 g.
Potential yield	Pod yield: 14 t/ha.

Critical input, quantity and cost	Seeds (Rs.600), IIHR vegetable special (Rs.200), and Field board (Rs.400) (Total: Rs.1200/)
Farmers practice	Local variety
Source of input	TNAU-2024
Photos	
Average farmers yield	Yield:10 t/ha.
Season	Rabi 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.12000/-
Parameters to be studied	Number of pods/plants, Pod yield (t/ha), pest and disease incidences, Gross cost, Gross income, Net Income, BCR
Parameters to be reported	Number of pods/plants, Pod yield (t/ha), pest and disease incidences, Gross cost, Gross income, Net Income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Horticulture) and SMS (Plant Protection)

FLD No.	09
Status (New proposal/2 nd year /3 rd year)	FLD (2nd year)
Subject	Horticulture
Category	Vegetable crops
Crop/ enterprise	Brinjal
Farming situation	Irrigated, Red sandy loam
Prioritized problem	Brinjal is cultivated in about 350 ha in the district in which 350 ha is irrigated. Non availability of improved variety and low yield, High incidence of pest and disease.
Title	Demonstration of Brinjal CO 3 in Theni District
Technology to be demonstrated	Brinjal CO 3
Hybrid or Variety	Variety
Source of Technology	TNAU-2024
Description	Fruits are Long, light purple with white stripes. Moderately resistant to Fruit and Shoot borer. Fruit yield: 48.5 t/ha
Potential yield	Yield: 48.5 tons/ha.
Critical input, quantity and cost	Seeds (Rs.600), IIHR vegetable special (Rs.200) and Field board (Rs.400) (Total: Rs.1200/)
Farmers practice	Local variety
Source of input	TNAU

Photos	
Average farmers yield	Yield:20.0-25.0 t/ha.
Season	Rabi 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.12000
Parameters to be studied	Number of Fruit/plants, No. of branches/ fruit, Fruit weight (g), Fruit yield (t/ha), pest and disease incidences, Gross cost, Gross income, Net Income, BCR
Parameters to be reported	Number of Fruit/plants, No. of branches/ fruit, Fruit weight (g), Fruit yield (t/ha), pest and disease incidences, Gross cost, Gross income, Net Income, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Horticulture) and SMS (Plant Protection)

FLD No.	10
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Horticulture
Category	Vegetable crops
Crop/ enterprise	Tomato
Farming situation	Irrigated, Red sandy loam
Prioritized problem	Low yield, Poor quality of fruits, Incidence of Pest and Diseases (Leaf Curl, Blossom End Rot, Bacterial wilt, Early blight).
Title	Demonstration of BIOGROW liquid formulation in Tomato for higher productivity.
Technology to be demonstrated	BIOGROW liquid formulation
Hybrid or Variety	Hybrid
Source of Technology	ICAR- National Bureau of Agriculturally Important Microorganisms, Mau, UP, India (2020)
Description	BIOGROW has been developed using consortium of different bacterial species “viz., Bacillus sp. BC39, Bacillus sp. RC25, Pseudomonas sp. K30 and Pseudomonas sp. K31,” endowed with phosphorus solubilization, IAA and siderophore production attributes. Application of BIOGROW increased the yield of tomato by 25- 30%. Moreover, there was a significant improvement in nutritional quality of the produce as evident from enhanced content of lycopene and β -carotene.
Potential yield	65t/ha
Critical input, quantity and cost	BIOGROW and Field board
Farmers practice	Private hybrid - Sivam , do not spray BIOGROW
Source of input	ICAR- National Bureau of Agriculturally Important Microorganisms, Mau, UP

Photos	
Average farmers yield	45t/ha
Season	Kharif 2023
No. of Demos (replications)	10
Total cost for the Demo	5000
Parameters to be studied	Seedling Establishment (%), Number of fruits/plants, Fruit weight (g), Yield (t/ha), BCR
Parameters to be reported	Yield (t/ha), Gross income, Gross cost and BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK-Main
Team members	SMS (Horticulture), SMS (Soil Science)

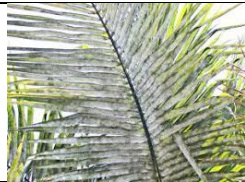
FLD No.	11
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject	Horticulture
Category	Vegetable crops
Crop/ enterprise	Ridge gourd
Farming situation	Irrigated, Red sandy loam
Prioritized problem	Low yield, Poor quality of fruits, Incidence of Pest and Diseases.
Title	Demonstration of TNAU Ridge gourd Vidhai Amirdham for higher productivity.
Technology to be demonstrated	TNAU Ridge gourd Vidhai Amirdham
Hybrid or Variety	Hybrid
Source of Technology	TNAU
Description	Increases the speed of radicle emergence. Improves seed germination percentage 8-10 percent. Enhances stress tolerance by increasing secondary root growth
Potential yield	18 t/ha
Critical input, quantity and cost	TNAU Ridge gourd Vidhai Amirdham and Field board
Farmers practice	Private hybrid, do not apply TNAU Ridge gourd Vidhai Amirdham
Source of input	TNAU
Photos	
Average farmers yield	15t/ha
Season	Kharif 2026
No. of Demos (replications)	10

Total cost for the Demo	5000
Parameters to be studied:	Seedling Establishment (%), Number of fruits/plants, Fruit weight (g), Yield (t/ha), BCR
Parameters to be reported	Yield (t/ha), Gross income, Gross cost and BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK-Main
Team members	SMS (Horticulture), SMS (Soil Science)

FLD No.	12
Status (New proposal /2 nd year /3 rd year)	2 nd Year
Subject	Plant Protection
Category	Horticulture
Crop / Enterprise	Coconut
Farming situation	Irrigated, Red soil
Prioritized problem	Due to lack of awareness in management practices, So, yield loss more in the crop
Title of the FLDs	Demonstration of TNAU Cococon for the management of Coconut root wilt disease
Technology to be demonstrated	Application of ‘Cococon’ @ 2 litre per tree mixed with 8 litre waters at three-month intervals around root zone to manage wilt diseases
Hybrid or Variety	Variety
Source of Technology	TNAU, 2021
Description (short)	Application of ‘Cococon’ @ 2 litre per tree mixed with 8 litre waters at three-month intervals around root zone to manage wilt diseases
Potential yield/income	60-80 nuts/tree
Critical Inputs and cost	Application of ‘Cococon’ @ 2 litre per tree mixed with 8 litre waters at three-month intervals around root zone to manage wilt diseases
Source of Inputs	TNAU, 2021
Photos	
Average farmers yield	45-50 nuts/tree
Season	Kharif
No. of Demos	5
Parameters to be studied	No. of infected leaves, Yield, Gross income, Net income, B:C ratio
Parameters to be reported	No. of infected leaves, Yield, Gross income, Net income, B:C ratio
Source of funds	KVK Main
Team members	SMS (Plant Protection) & (Horticulture)

FLD No.	13
Status (New proposal /2 nd year /3 rd year)	1 st Year
Subject	Plant Protection
Category	Horticulture
Crop / Enterprise	Acid lime
Farming situation	Irrigated, Red soil
Prioritized problem	Due to lack of awareness in management practices, So, yield loss more in the crop
Title of the FLDs	Demonstration of IDM practices in Acid lime
Technology to be demonstrated	Removal and burning of affected twigs, Foliar application of Carbendazim @ 0.1% spray, Foliar application of Streptocyclin @ 100 ppm + Copper oxychloride 0.3% spray, Foliar application of <i>Bacillus subtilis</i> 5 ml /lit. Foliar application of Citrus special 5% spraying during new flush, one month after first spraying at flowering and fruit set.
Hybrid or Variety	Variety
Source of Technology	TNAU, 2020
Description (short)	Foliar application of <i>Bacillus subtilis</i> 5 ml /lit. Foliar application of Citrus special 5% spraying during new flush, one month after first spraying at flowering and fruit set.
Potential yield/income	20 tonnes/ha
Critical Inputs and cost	Foliar application of <i>Bacillus subtilis</i> 5 ml /lit. Foliar application of Citrus special 5% spraying during new flush, one month after first spraying at flowering and fruit set.
Source of Inputs	TNAU, 2020
Photos	
Average farmers yield	13 tonnes/ha
Season	Kharif
No. of Demos	10
Parameters to be studied	No. of infected leaves, Yield, Gross income, Net income, B:C ratio
Parameters to be reported	No. of infected leaves, Yield, Gross income, Net income, B:C ratio
Source of funds	KVK Main
Team members	SMS (Plant Protection) & SMS (Horticulture)

FLD No.	14
Status (New proposal /2 nd year /3 rd year)	New proposal
Subject	Plant Protection
Category	Horticulture
Crop / Enterprise	Coconut
Farming situation	Irrigated, Red soil
Prioritized problem	Affected Rugose spiraling whitefly Pest incidence is high (45 %). So, yield loss. Due to lack of awareness in management practices
Title of the FLDs	Demonstration of IPM Module against Coconut Rugose Spiraling Whitefly

Technology to be demonstrated	Release of <i>Encarsia gaudeloupe</i> @ 100 parasitoids/acre (10 leaf bits/ acre), Installation of Yellow sticky trap (5X1.5 Feet) smeared with castor oil @ 5 / acre, Release of <i>Crysoperla zastrowi sillemi</i> eggs @ 500/acre, spraying of 1 % starch solution for sooty mould, Spraying Azadiractin 1 % @ 2 ml/lit
Hybrid or Variety	Variety
Source of Technology	TNAU, 2020
Description (short)	Release of <i>Encarsia gaudeloupe</i> @ 100 parasitoids/acre (10 leaf bits/ acre), Installation of Yellow sticky trap (5X1.5 Feet) smeared with castor oil @ 5 / acre, Release of <i>Crysoperla zastrowi sillemi</i> eggs @ 500/acre, spraying of 1 % starch solution for sooty mould, Spraying Azadiractin 1 % @ 2 ml/lit
Potential yield/income	60-80 nuts/tree
Critical Inputs and cost	Release of <i>Encarsia gaudeloupe</i> @ 100 parasitoids/acre (10 leaf bits/ acre), Installation of Yellow sticky trap (5X1.5 Feet) smeared with castor oil @ 5 / acre, Release of <i>Crysoperla zastrowi sillemi</i> eggs @ 500/acre, spraying of 1 % starch solution for sooty mould, Spraying Azadiractin 1 % @ 2 ml/lit
Source of Inputs	TNAU, 2021
Photos	
Average farmers yield	45-50 nuts/tree
Season	Kharif
No. of Demos	5
Parameters to be studied	No. of infected leaves, Yield, Gross income, Net income, B:C ratio
Parameters to be reported	No. of infected leaves, Yield, Gross income, Net income, B:C ratio
Source of funds	KVK Main
Team members	SMS (Plant Protection) & SMS (Horticulture)

FLD No.	15
Status (New proposal /2 nd year /3 rd year)	1 st Year
Subject	Animal Science
Category	Animal Science
Crop / Enterprise	Diary
Farming situation	-
Prioritized problem	Due to lack of awareness in management practices.
Title of the FLDs	Assessment of Masti Heal gel to control Sub clinical Mastitis in Dairy animals
Technology to be demonstrated	Masti Heal gel is herbal preparation to prevent mastitis of dairy cow and reduces the incidence of sub clinical Mastitis.
Hybrid or Variety	Dairy
Source of Technology	TANUVAS, 2021
Description (short)	Masti Heal gel is herbal preparation to prevent mastitis of dairy cow and reduces the incidence of sub clinical Mastitis.
Potential yield/income	-
Critical Inputs and cost	Masti Heal gel is herbal preparation to prevent mastitis of dairy

	cow and reduces the incidence of sub clinical Mastitis.
Source of Inputs	TANUVAS, 2021
Photos	
Average farmers yield	-
Season	-
No. of Demos	10
Parameters to be studied	Disease incidence %, Incidence of mastitis and BCR
Parameters to be reported	Disease incidence %, Incidence of mastitis and BCR
Source of funds	KVK Main
Team members	PA (Animal Science)

FLD No.	16
Status (New proposal/2 nd year /3 rd year)	2 nd year
Subject	Home Science
Category	Fruits
Crop/ enterprise	Banana
Farming situation	-
Prioritized problem	Less knowledge on Value Added Products from Banana Pseudostem
Title	Demonstration of banana pseudo stem RTS
Technology to be demonstrated	Banana Central Core Stem Juice
Hybrid or Variety	-
Source of Technology	ICAR, NRCB (2020)
Description	The demonstration of banana central core stem Ready-To-Serve (RTS) beverage showcases an innovative, nutrient-rich, and gut-friendly functional drink. By turning discarded banana pseudostem into a refreshing, zero-fat beverage, this product offers a sustainable health drink packed with dietary fiber, potassium and antioxidants.
Potential yield	-
Critical input, quantity and cost	Banana Stem, Sugar, Ginger, Preservatives, Packaging Materials & 10,000/-
Farmers practice	Wastage of Banana Stem due to lack of knowledge
Source of input	Farmers
Photos	
Average farmers yield	-
Season	Kharif 2026
No. of Demos (replications)	10

Total cost for the Demo	Rs.10000/-
Parameters to be studied:	Sensory Evaluation, Shelf life, Gross cost, gross and net income, BCR
Parameters to be reported	Sensory Evaluation, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	M.Ramyasivaselvi (SMS, Home Science)

FLD No.	17
Status (New proposal/2 nd year /3 rd year)	New
Subject	Home Science
Category	Green Leafy Vegetables
Crop/ enterprise	Microgreens
Farming situation	-
Prioritized problem	Less Knowledge on Microgreen cultivation, value addition practices and consumption pattern of greens for nutrition security
Title	Demonstration on Microgreen Production and Value Addition for Entrepreneurship Development
Technology to be demonstrated	Micro greens are young seedlings of edible vegetables and herbs harvested less than 14 days after germination. Dehydration and value-added foods (health mix and instant mixes)
Hybrid or Variety	Variety
Source of Technology	TNAU, Coimbatore (2025)
Description	Reduce post-harvest losses, enhance the utilization, enhancing enterprise for rural youth and women, Cultivation of micro greens to impart nutritional knowledge and lower the incidence of micro nutrient deficiencies
Potential yield	-
Critical input, quantity and cost	Microgreen Seeds, Tray, Vacuum type vibrator, Packaging Materials
Farmers practice	Fresh consumption
Source of input	ICAR CIRCOT & Govt. Authorized Dealers
Photos	
Average farmers yield	-
Season	Rabi 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.10000/-
Parameters to be studied	Sensory Evaluation, Shelf life, Gross cost, gross and net income, BCR
Parameters to be reported	Sensory Evaluation, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main

Team members	M.Ramyasivaselvi (SMS, Home Science)
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FLD No.:	18
Status (New proposal/2 nd year /3 rd year)	New
Subject	Home Science
Category:	Plantation Crop
Crop/ enterprise:	Coconut
Farming situation	-
Prioritized problem:	Low Market Price, Less knowledge on processing and value-added products from Coconut
Title	Demonstration of Value-Added Products from Coconut
Technology to be demonstrated:	Copra, Coconut Oil, Coconut Chips, Desiccated Coconut, Coconut Milk and Confectionaries
Hybrid or Variety:	-
Source of Technology:	ICAR, CPCRI (2024) & TNAU (2021)
Description	• A polymeric nano-formulation against fungal growth on the copra, it is an eco-friendly and cost-effective method of preserving Copra for coconut oil • Coconut kernels undergo paring, slicing, blanching, osmotic dehydration and drying to become ready to eat chips.
Potential yield	-
Critical input, quantity and cost	TNAU Copra Guard, Testa Remover, Slicer, Packaging Materials & 30,000/-
Farmers practice	Directo Selling – No Value Addition
Source of input	Farmers
Photos	
Average farmers yield	-
Season	Kharif 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.30000/-
Parameters to be studied:	Sensory Evaluation, Shelf life, Gross cost, gross and net income, BCR
Parameters to be reported	Sensory Evaluation, BCR
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	M.Ramyasivaselvi (SMS, Home Science)

FLD No.:	19
Status (New proposal/2 nd year /3 rd year)	New
Subject	Home Science

Category:	Plantation Crop
Crop/ enterprise:	Pepper
Farming situation	-
Prioritized problem:	Less Knowledge on Processing, Value Addition and Branding
Title	Empowerment of tribal farmers by enhancing income through value addition in spices
Technology to be demonstrated:	Processing, Value Addition and Branding of Spices – White and Black Pepper
Hybrid or Variety:	-
Source of Technology:	ICAR IISR, Kozhikode (2020)
Description	• Post harvest processing operations followed for black pepper involves threshing, blanching, drying, cleaning, grading and packaging • White pepper prepared by retting (with frequently changing of water) fully ripened red berries for 7-8 days followed by removal of outer skin, washing and drying to a moisture level of 12%. White pepper is also prepared by fermentation using matured green pepper and black pepper
Potential yield	-
Critical input, quantity and cost	Weighing Balance, Packaging Materials & Labels 10,000/-
Farmers practice	-
Source of input	Govt. Authorized Dealers
Photos	-
Average farmers yield	-
Season	Kharif 2026
No. of Demos (replications)	10
Total cost for the Demo	Rs.10000/-
Parameters to be studied:	Time Taken, Labour Cost, Gross cost, gross and net income, BCR
Parameters to be reported	Time Taken, Labour Cost, BCR
Source of funding (KVK-Main/TSP/ SC SP/ Project/Others (specify)	KVK Main
Team members	M.Ramyasivaselvi (SMS, Home Science)

Extension Studies

Impact Studies	01
Status (New proposal/2 nd year/3 rd year)	New proposal
Subject	Agricultural Extension
Theme	Extension Studies
Category (if applicable)	-
Rationale	Agricultural advisories play a crucial role in disseminating timely and location-specific information to farmers for improving farm productivity and decision-making. Evaluating the content of these advisories is essential to assess their relevance, accuracy, clarity, and usefulness in addressing farmers' needs. The findings will support the development of more effective, farmer-centric, and

	impact-oriented extension communication strategies.
Title of the study	Content Analysis of Agricultural Advisories Disseminated to Farming Community by KVK, Theni
Objectives	1. To analyze the thematic content and subject-matter coverage of agricultural advisories disseminated to farmers by KVK Theni. 2. To assess the relevance, timeliness, clarity, and usefulness of the advisories in addressing farmers information needs. 3. To identify strengths and gaps in advisory communication and suggest measures for improving the effectiveness of extension services. 4. To study the opinion of farmers receiving the different advisories.
Methodology	1. Collect agricultural advisories disseminated through digital and conventional extension channels during last 5 years. 2. Consider each advisory message as the unit of analysis and classify them based on subject matter, type of advisory, target audience, and communication format. 3. Adopting a structured framework to assess parameters such as relevance, timeliness, clarity, actionability, and seasonal appropriateness of the advisories.
Year	2026
Expected Outcome	1. Identification of major themes, strengths, and gaps in agricultural advisories 2. Assessment of the relevance, timeliness, and farmer-oriented nature of advisories 3. Enhancing advisory services on need-based, actionable, and impactful extension support for farmers.
Respondents	150
Duration	One year
No.of respondents	100
Total Cost of the study	Rs. 5000/- Documentation and Assessment
Sources of funding (KVK-Main/TSP//SC SP/Project/Others (specify)	KVK Main
Staff Involved	SMS (Agricultural Extension)
OFT No/ Impact Studies	02
Status (New proposal/2 nd year /3 rd year)	New proposal
Subject,	Agricultural Extension
Theme	Extension Studies
Category (if applicable)	-
Rationale	Despite the availability of numerous location-specific technologies developed by TNAU, TANUVAS, and TNJFU, their adoption varies considerably across districts of Tamil Nadu. Limited evidence exists on the district-specific determinants of adoption, reasons for non-adoption, and the socio-economic impact of these technologies. This study will generate evidence to strengthen location-specific extension strategies and improve the effectiveness of technology dissemination through Krishi Vigyan Kendra.

Title of the Study	Socio-Economic assessment of IFS models promoted by KVK Theni
Objectives	1. To document and characterize the district-wise location-specific technologies developed by TNAU, TANUVAS, and TNJFU, and to assess their dissemination and adoption patterns among farmers in Tamil Nadu. 2. To analyse the determinants of adoption and to identify the technological, socio-economic, institutional, communication, and behavioral factors responsible for the non-adoption, partial adoption, and discontinuance of the recommended technologies. 3. To assess the district-wise impact of the adopted technologies on productivity, yield gap, farm income, livelihoods, and social well-being, and to develop location-specific extension strategies for enhancing technology adoption and scaling up successful innovations.
Methodology	Multi-stage stratified random sampling was adopted and appropriate statistical analyses will be employed to identify adoption determinants, quantify technology and yield gaps, and formulate district-specific extension strategies.
Year	2026
Expected Outcome	1. Development of a district-wise inventory and adoption database of location-specific technologies developed by TNAU, TANUVAS, and TNJFU, including the determinants and reasons for non-adoption. 2. Generation of evidence on the productivity, yield gap, and socio-economic impact of technology adoption to support evidence-based extension planning. 3. Formulation of district-specific extension strategies and policy recommendations to enhance technology dissemination, adoption, and farmers' livelihoods through Krishi Vigyan Kendra (KVK).
Duration	One year
No. of respondents	100
Total cost for the study	Rs. 8000/- Survey schedule/FGD and meetings.
Source of funding (KVK-Main/TSP/ /SC SP/ Project/Others (specify)	KVK Main
Team members	SMS (Agricultural Extension)

9.3. National Food Security Mission (NFSM)- Nil

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	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
-	-	--	-	-	-	-	-	-	-	-	-	-	-

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

S.No	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology	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
1	Groundnut	Low yield (18.65 q/ha) due to non-availability of High yielding varieties and lack of knowledge about quality	ICM in Groundnut	Variety	VRI 10	TNAU	Seeds MN Mixture TNAU Groundnut rich Trichoderma	40 kg 12 kg 5 kg 1kg	3600 600 500 100	50 Kharif	280000	Number of pods/plants, Yield (q/ha), haulm yield (q/ha), BCR	SMS (Agronomy), SMS (Soil Science), SMS (Plant Protection)

S.No	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Specify Hybrid or Variety	Name of the Hybrid or Variety	Source of Technology	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
		seeds production											
2	Castor	Low yield (6.2 q/ha) due to lack of knowledge about integrated crop management	ICM in Castor	Variety	YRCH 2	TNAU	Seeds MN Mixture Trichoderma <i>Azospirillum</i> <i>Phosobacteria</i> <i>Pesudomonas</i>	2 kg 12 kg 1 kg 1 lit 1 lit 0.5 lit	240 600 100 400 400 260	50 Kharif	16000 0	Yield, Gross return and BCR	SMS (Agronomy), SMS (Soil Science), SMS (Plant Protection)
Total										100	44000 0		

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	Low farm income among small and marginal farmers	Integrated Farming System	KVK and Other agencies	15	15	Azolla bed, Goat, Poultry	150000	SMS (Agronomy)
2.	EDP	Lack of knowledge about organic input production technology	Vermicompost production technology	KVK	25	25	Vermibed	40000	SMS (Soil Science)
		Non availability of quality vegetable seedlings.	Nursery management technology	KVK	10	10	Protray, coir pith, vegetable seeds	100000	SMS (Horticulture)
3.	FFS	Lack of Knowledge about Maize cultivation technologies	ICM in Maize	ATMA	1	0.4	Seed and MN mixture	75000	SMS (Agronomy)
4.	NFDB	-	-	-	-	-	-	-	-
5.	SERP	-	-	-	-	-	-	-	-
6.	Any other (pl. specify)	-	-	-	-	-	-	-	-

11. Externally funded projects (Other than ICAR / ATARI)

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	FPO- Sugarcane	NABARD	5	2021	-	1144000	450000	SMS (Agronomy)
2	FPO- Grapes	NABARD	5	2021	-	1144000	450000	SMS (Horticulture)
3	Dissemination of Innovation technology- Value addition in Banana	TNSCST	1	2025	-	500000	500000	SMS (Home Science)

11.2. Project details (Use one table per project)

Funding Agency	NABARD, Chennai
State/Central/Over Seas	State
Title	FPO- Sugarcane and Betel vine
Objectives	• Mobilizing farmers in groups at the village level and build their associations (FPOs) at an appropriate. • Federating point to plan and implement product specific cluster/ commercial crop cycles strengthen farmer capacity through agricultural best practices for enhanced productivity in Sugarcane and Betel vine. • Ensuring access to and usage of quality inputs and services for intensive agriculture enhancing cluster competitiveness. • Facilitate access to fair & remunerative markets including linking producer groups to marketing opportunities by market aggregators for Sugarcane by products and Betel vine.
Study area	Crop production, Processing and Marketing
Methodology	Farmers Mobilization – FIG Formation – FPO formation and Business plan
Team Members	SMS Agronomy
Budget	1144000

Funding Agency	NABARD, Chennai
State/Central/Over Seas	State
Title	FPO- Grapes
Objectives	• Mobilizing farmers in groups at the village level and build their associations (FPOs) at an appropriate. • Federating point to plan and implement product specific cluster/ commercial crop cycles strengthen farmer capacity through agricultural best practices for enhanced productivity in Sugarcane and Betel vine. • Ensuring access to and usage of quality inputs and services for intensive agriculture enhancing cluster competitiveness. • Facilitate access to fair & remunerative markets including linking producer groups to marketing opportunities by market aggregators for Sugarcane by products and Betel vine.
Study area	Crop production, Processing and Marketing
Methodology	Farmers Mobilization – FIG Formation – FPO formation and Business plan
Team Members	SMS (Horticulture)
Budget	11,44,000.00

Funding Agency	TNSCST
State/Central/Over Seas	State
Title	Banana Value addition
Objectives	To Conduct Skill training on value addition in Banana
Study area	Processing and Marketing
Methodology	Farmer mobilization and Given training – Follow up Entrepreneurship development
Team Members	SMS (Home Science)
Budget	500000

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 about improved paddy variety with ICM practices and getting low yield (51.6 q/ha)	OFT	ICM in Paddy	1	20	SMS (Agronomy), SMS (Soil Science)
		Ragi	Low yield (12.5 q/ha) due to non-adoption of high yielding variety	OFT	ICM in Finger Millets	1	20	SMS (Agronomy), SMS (Soil Science)
		Groundnut	Low yield (12.51 q/ha) due to cultivation of low yield variety and lack of awareness about ICM practices	FLD	ICM in Groundnut	1	20	SMS (Agronomy), SMS (Soil Science)
		Daincha	Low adoption of green manuring practices among farmers due to limited awareness and access to improved green manure varieties.	FLD	Training on seed production in daincha	1	20	SMS (Agronomy), SMS (Soil Science)

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
2.	Horticulture	Coriander	Farmers are getting low yield (3.5 t/ha) due to Non availability of improved variety and low yield. High incidence of pest and disease.	OFT	ICM in Coriander	1	20	SMS (Horticulture), SMS (Soil Science)
		Lab lab	Non availability of improved variety and low yield. High incidence of pest and disease.	OFT	ICM in Lab lab	1	20	SMS(Horticulture), SMS (Soil Science)
		Ridge gourd	Farmers are getting low yield (10 t/ha) due to drought incidence and poor germination percentage.	OFT	ICM in Ridge gourd	1	20	SMS(Horticulture), SMS (Soil Science)
		Cluster bean	Farmers are getting low yield (10 t/ha) due to Non availability of improved variety and low yield, High incidence of pest and disease.	FLD	ICM in Cluster bean	1	20	SMS(Horticulture), SMS (Soil Science)

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
		Brinjal	Farmers are getting low yield (20 t/ha) due to Non availability of improved variety and low yield, High incidence of pest and disease.	FLD	ICM in Brinjal	1	20	SMS(Horticulture), SMS (Soil Science)
		Kitchen garden	Lack of knowledge in Kitchen Garden technology	-	Kitchen garden techniques	1	20	SMS(Horticulture), SMS (Soil Science)
3.	Soil Health and Fertility Management	Maize	Farmers are getting low yield (28.4 q/ha) due to drought incidence and lack of awareness about drought management practices	OFT	INM in Maize	1	20	SMS (Soil Science), SMS (Agronomy)
		Chilli	Farmers are getting low yield due to low productivity due to imbalanced nutrient application and non-application of growth promoters; Unaware of plant growth promoters	OFT	INM in Chilli	1	20	SMS (Soil Science), SMS (Horticulture)

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
			Reduced nutrient availability due to less mobility of nutrients					
		Groundnut	Low productivity due to imbalanced nutrient application and non-application of growth promoters.	OFT	INM in Groundnut	1	20	SMS (Soil Science), SMS (Agronomy)
		Onion	Low yield (12t/ha) due to improper nutrient management; poor quality of bulbs; lack of awareness about foliar nutrition;	FLD	INM in Onion	1	20	SMS (Soil Science), SMS (Horticulture)
		Paddy	Farmers often use excessive dose of nitrogenous fertilizer; this leads to high cost of fertilizer low fertilizer use efficiency and other environmental problems	FLD	Cost effective nutrient management practices in Paddy	1	20	SMS (Soil Science), SMS (Agronomy)

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
		Redgram	Farmers are getting low yield (6.2 q/ha) due improper nutrient management practices and non-application of growth regulators.	FLD	INM in Redgram	1	20	SMS (Soil Science), SMS (Agronomy)
		Coconut	Lack awareness about nutrient management, Button shedding	-	INM in Coconut	1	20	SMS (Soil Science), SMS (Horticulture)
		Grapes	Yield loss (20 %) due to deficient of micronutrient; poor quality of fruits; poor quality of fruits; low market value due to poor colour development.	-	INM in Grapes	1	20	SMS (Soil Science), SMS (Horticulture)
		Banana	Lack of awareness on latest cultivation technologies and Yield loss (15 %) due to improper nutrient management and Micronutrient deficiency	-	INM in Banana	1	20	SMS (Soil Science), SMS (Horticulture)

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
		Tomato	Low income due to imbalanced nutrient application. Low productivity and profitability in view of increased production cost due to high usage of chemical fertilizers.	FLD	Organic Nutrient Management Practices in Tomato	1	20	SMS (Soil Science), SMS (Horticulture)
		Recycling of farm waste	Lack of knowledge about recycling of farm waste	-	Recycling of farm waste	1	20	SMS (Soil Science), SMS (Agronomy)
		Manure preparation	Lack of knowledge about low-cost manure preparation	-	Manure preparation technologies	1	20	SMS (Soil Science), SMS (Agronomy)
4.	Livestock Production and Management	Disease Management	Repeat breeding, mastitis, lameness	FLD	Masti Heal gel to control Sub clinical Mastitis in Dairy animals and their disease Management	2	20	PA (Animal Science)
		Disease Management	Repeat breeding, mastitis, lameness	-	Forage and Feeding Management	1	20	PA (Animal Science)

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
		Disease Management	Repeat breeding, mastitis, lameness	-	Food and Mouth disease in Diary	2	20	PA (Animal Science)
5.	Home Science/ Women empowerment	Grapes	Less Knowledge on Value Added Products from GI Tag Cumbum Grapes	-	Value Addition in Grapes (GI-Tag Cumbum Grapes)	1	20	SMS (Home Science)
		Palmyra Palm	Lack of knowledge on Palmyra Palm products	-	Value Addition in Palmyra Palm Products	1	20	SMS (Home Science)
		Banana	Less knowledge on value added products from Banana Pseudostem	FLD	Demonstration of Banana Pseudostem RTS	1	20	SMS (Home Science)
			High wastage of banana flower	-	Value Addition in Banana Flower	1	20	SMS (Home Science)
		Greens	Lack of knowledge on Microgreen Cultivation and Value Addition	FLD	Microgreen Cultivation and Value Addition	1	20	SMS (Home Science)
		Maize	Lack of knowledge on value added products from	-	Safe Storage Methods and Value Addition	2	40	SMS (Home Science)

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
			biofortified Maize		in Biofortified Maize			
		Tomato	Low cost and High wastage during peak harvest period	-	Value Added Products from Tomato	1	20	SMS (Home Science)
		Coffee & Pepper	Less Knowledge on PHM & VA in Coffee and Pepper	FLD	Processing, Value Addition and Branding	2	40	SMS (Home Science)
		Guava	Less price and lack of knowledge on value addition in guava	-	Value Addition in Guava	1	20	SMS (Home Science)
		Minor Forest Produces	Lack of knowledge on MFP health benefits and novel products	-	Novel Products from MFP	1	20	SMS (Home Science)
		Betel vine	Low market prices and less knowledge on high value-added products from betel vine	-	High Value-Added Products from Betel vine	1	20	SMS (Home Science)
		Millets	Lack of knowledge on Millets based RTU fiber rich products	-	Millets based RTU Fiber Rich Products	1	20	SMS (Home Science)

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
		Groundnut	Less knowledge on protein rich based value-added products	-	Novel Products from Groundnut	1	20	SMS (Home Science)
		Cashew Apple	High wastage and lack of knowledge on health benefits and medicinal properties and value addition from Cashew Apple	-	Value Added products from Cashew Apple	1	20	SMS (Home Science)
		Mushroom	Low Shelf life and less knowledge on value added products from Mushroom	-	Novel Products from Mushroom	1	20	SMS (Home Science)
		Women Empowerment	Less Confidence, Lack of Self Employment Opportunities among single parent and transgenders	-	Women Empowerment through Entrepreneurship Development	2	40	SMS (Home Science)
		Spices	Lack of knowledge on Drudgery reducing technologies	-	Drudgery-reducing technologies for spice crops	1	20	SMS (Home Science)
6.	Agril. Engineering	Paddy	Water scarcity and erratic rainfall and	FLD	Training on Direct Seeded	1	20	SMS (Agronomy), SMS (Agricultural

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
			acute labour shortage necessitate the adoption of water-saving technologies		Rice (DSR)			Extension)
7.	Plant Protection	Mango	Disease caused by Powdery mildew, anthracnose and pest leaf webber, hopper. Yield loss (35 %) due to pest and disease management	-	IPDM	1	20	SMS (Plant Protection) & SMS (Agronomy)
		Grapes	Disease caused by Downy mildew, powdery mildew and anthracnose, pest mealy bug and thrips. Yield loss (65 %) due to pest and disease management	-	IPDM	2	40	SMS (Plant Protection) & SMS (Horticulture)
		Banana	Disease caused by leaf spot and pest Leaf eating caterpillar. Yield loss (30 %) due to pest and disease management	-	IPDM	2	40	SMS (Plant Protection) & SMS (Horticulture)
		Coconut	Pest incidence	FLD	IPDM	2	40	SMS (Plant

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
			Rhinoceros beetle, Redpalm weevil and Rugose spiraling white fly. Yield loss (30 %) due to pest management					Protection) & SMS (Horticulture)
		Onion	Disease caused Basal rot, pest thrips. Yield loss (30 %) due to pest and disease management	-	IPDM	2	40	SMS (Plant Protection) & SMS (Horticulture)
		Pulses	Disease caused by Dry root rot and Leaf spot Yield loss (35 %) due to disease management	-	IDM	1	20	SMS (Plant Protection) & SMS (Agronomy)
		Brinjal	Fruit borer incidence is high. Yield loss (35 %) due to pest management	-	IPDM	1	20	SMS (Plant Protection) & SMS (Horticulture)
		Maize	Fall armyworm incidence is high, Yield loss (40%) due to pest and disease management	-	IPM	1	20	SMS (Plant Protection) & SMS (Horticulture)
		Chilli	Disease caused by Dry root rot and Leaf	-	IPDM	1	20	SMS (Plant Protection) & SMS

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
			spot Yield loss (35 %) due to disease management					(Horticulture)
		Tomato	Fruit borer incidence is high. Yield loss (35 %) due to disease management	-	IPDM	1	20	SMS (Plant Protection) & SMS (Horticulture)
8.	Fisheries	-	-	-	-	-	-	-
9.	Production of Inputs at site	-	-	-	-	-	-	-
10.	Capacity Building and Group Dynamics	-	-	-	-	-	-	-
11.	Agro-forestry	-	-	-	-	-	-	-
12.	Others - ICT	Digital marketing Training programme on digital marketing platforms available for	Lack of knowledge about digital marketing among farmers and entrepreneurs	-	Training programme on digital marketing platforms available for farming community and entrepreneurs	2	40	SMS (Extension)

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
		Market Price	Lack of knowledge about different marketing channels	-	Training programme on different marketing channels for farming community	1	25	SMS (Extension)
		Agricultural Schemes and subsidies	Lack of awareness about state and central agricultural schemes	-	Training programme on state and central agricultural schemes	2	50	SMS (Extension)
	TOTAL					67	1315	

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	Horticulture seedlings production	Lack of awareness about production of quality Horticulture seedlings production	-	Nursery Management of Horticulture crops	1	20	SMS(Horticulture), SMS (Soil Science)

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
2.	Training and pruning of orchards	Intercultural operation	Lack of awareness about Training and pruning of fruit orchards	-	Effective utilization of intercultural operation in fruit crop orchards	1	20	SMS(Horticulture), SMS (Soil Science)
3.	Protected cultivation of vegetable crops	Poly house technology	Lack of awareness about Poly house technology	-	Production of off-season vegetable cultivation	1	20	SMS(Horticulture), SMS (Soil Science)
4.	Commercial fruit production	Mango	GAP in Mango production	-	Good Agricultural Production in Mango cultivation	2	50	SMS(Horticulture), SMS (Soil Science)
5.	Integrated farming	IFS	Low income and higher cost of production, lack of employment opportunity	-	Integrated Farming system	1	25	SMS (Agronomy)
6.	Seed production	Groundnut	Lack of availability of improved high yielding Groundnut varieties	-	Seed Production technologies in Groundnut	1	25	SMS (Agronomy)
7.	Production of organic inputs	Soil Health Management	Lack of awareness about production of organic inputs	-	Production of organic inputs	1	20	SMS (Soil Science), SMS (Plant Protection)

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
		Soil Health Management	Lack of knowledge about enriched compost preparation	-	Enriched compost preparation	1	20	SMS (Soil Science), SMS (Agronomy)
8.	Planting material production	-	-	-	-	-	-	-
9.	Vermicompost	Soil Health Management	Lack of knowledge about vermicompost preparation	-	Vermicompost production technology	1	20	SMS (Soil Science), SMS (Agronomy)
10.	Mushroom Production Technology	Mushroom	Lack of awareness on Mushroom production	-	Mushroom production and value-added products	1	30	SMS (Plant Protection) & SMS (Home Science)
11.	Bee-keeping							
12.	Sericulture	Sericulture	Lack of awareness on Sericulture	-	Sericulture	1	30	SMS (Plant Protection) & SMS (Horticulture)
13.	Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-
14.	Value addition	Honey	Less knowledge on value addition in Honey	-	Value Added Products from Honey	1	20	SMS (Home Science)
15.	Small scale processing	-	-	-	-	-	-	-
16.	Post Harvest	-	-	-	-	-	-	-

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
	Technology							
17.	Tailoring and Stitching	-	-	-	-	-	-	-
18.	Rural Crafts	Coir	Lack of Knowledge in Coir based products	-	Fancy articles and Handicrafts items from Coir	1	20	SMS (Home Science)
19.	Production of quality animal products	-	-	-	-	-	-	-
20.	Dairying	-	-	-	-	-	-	-
21.	Sheep and goat rearing	Goat Farming	Goat	Lack of awareness on disease management	-	1	30	PA (Animal Science)
22.	Quail farming	-	-	-	-	-	-	-
23.	Piggery	-	-	-	-	-	-	-
24.	Rabbit farming	-	-	-	-	-	-	-
25.	Poultry production	-	-	-	-	-	-	-
26.	Ornamental fisheries	-	-	-	-	-	-	-
27.	Composite fish culture	-	-	-	-	-	-	-
28.	Freshwater prawn culture	-	-	-	-	-	-	-
29.	Shrimp farming	-	-	-	-	-	-	-
30.	Pearl culture	-	-	-	-	-	-	-
31.	Cold water fisheries	-	-	-	-	-	-	-

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
32.	Fish harvest and processing technology	-	-	-	-	-	-	-
33.	Any other (pl. specify)	Bakery	Less Knowledge on Commercialization of Bakery Products	-	Commercialization of Bakery Products	1	20	SMS (Home Science)
		Agri-Business opportunities	Lack of knowledge about agribusiness opportunities among rural youth	-	Training programme agri-business opportunities available in agricultural and allied sectors among rural youth	1	20	SMS (Extension)
	Total					16	361	

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 crops	Improved field crop production technologies	1	25
2.	Integrated Pest Management	Recent Advances in Plant protection	1	25
3.	Integrated Nutrient management	Role and importance of crop boosters in various crop growth	1	25
4.	Rejuvenation of old orchards	Training and pruning practices in Fruit orchards	1	25
5.	Protected cultivation technology	Protected cultivation in vegetable crops	1	25
6.	Production and use of organic inputs	Production of Organic inputs	1	25
7.	Care and maintenance of farm machinery and implements	-	-	-

S. No	Thematic area	Training Course Title	No. of Courses	No. of Participants
8.	Gender mainstreaming through SHGs	-	-	-
9.	Formation and Management of SHGs	-	-	-
10.	Women and Child care	Establishing Microgreen Cultivation and Value Addition	5	100
11.	Low cost and nutrient efficient diet designing	Low-Cost High Nutrient RTU Foods	1	20
12.	Group Dynamics and farmers organization	-	-	-
13.	Information networking among farmers	-	-	-
14.	Capacity building for ICT application	Training on usage of ICT tools in agriculture among Extension personals	1	20
15.	Management in farm animals	Modern Farm Animal Management for Extension Professionals	1	20
16.	Livestock feed and fodder production	Scientific Feed and Fodder Production Technologies for Livestock Development	1	20
17.	Household food security	Terrace Gardening and Microgreen cultivation	1	20
18.	Any other (pl. specify)	-	-	-
	Total	-	16	350

12.4. Skill training 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	5	1	NMNF	25	SMS (Agronomy)
2	Production of Organic Farming	-	-	-	-	-
3	Polyhouse cultivation	-	-	-	-	-
4	Organic production	2	1	ATMA	20	SMS (Plant Protection) & (Horticulture)
6	Bakery and Confectionary	4	1	-	20	SMS (Home Science)
7	Pickle and Pappad Making	4	1	-	20	SMS (Home Science)

S.No.	Training title	Duration (Days)	No. of programmes	Sponsoring agency	Participants (Nos.)	Name of the team members
8	Recent Trends in Packaging materials for food products and Marketing Strategies	4	1	-	20	SMS (Home Science)
9	Skill Training on usage of digital tools and AI in Agriculture	2	1	-	20	SMS(Extension)
10	Marketing Strategies for Agripreneurs	4 Days	1	-	25	SMS (Home Science)
11	Value Added products from Milk	4 Days	1	-	20	SMS (Home Science)
12	Value Added products from Coconut	2 Days	1	-	20	SMS (Home Science)
13	Value Added products from Banana, Stem, Flower and Leaves	2 Days	1	-	20	SMS (Home Science)
14	Value Addition in Mango	2 Days	1	-	20	SMS (Home Science)
15	Value Addition in Moringa	2 Days	1	-	20	SMS (Home Science)
	Total	-	12	-	250	-

12.5. Sponsored training 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	Improved Crop Production Practices for Enhanced Productivity	2	FIGs	20	Department of Agriculture	SMS (Agronomy)
2.	Fodder crops	Improved Fodder Production technologies	3	FIGs	30	NABARD	SMS (Agronomy)
3.	Group Dynamics/	Training programme on essential skills required	2	FPO Members	20	NABARD	SMS (Extension)

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
	Capacity building	for board of directors in FPOs					
4.	Natural farming in horticulture	-	-	-	-	-	-
5.	Organic management	Organic Crop Management for Sustainable Agriculture	2	Farmers and farm womens	25	ATMA	SMS (Soil Science)
6.	PHM & Value Addition	PHM & Value Addition in Fruits and Vegetables	6	Rural Youth	28	ATMA, MANAGE	SMS (Home Science)
7.	Biological management	Bio pesticide	6	SHGs and farm women	20	NABARD	SMS (Plant Protection)
Total					143		

*SHGs, NYKs, Women, Youth etc.

13. Extension programmes planned during 2026-27

S. No.	Extension programme	No. of programmes	No. of Participants	Team member involved
1	Advisory Services	310	2170	All staffs
2	Diagnostic visits	110	660	All staffs
3	Field Day	25	1200	All staffs
4	Group discussions	20	300	All staffs
5	Kisan Ghostrhi	8	450	All staffs
6	Film Show	25	2500	All staffs
7	Kisan Mela	5	5000	All staffs
8	Exhibition	15	3000	All staffs
9	Scientists' visit to farmers field	125	1200	All staffs
10	Plant/Soil health/Animal health camps	15	650	All staffs
11	Ex-trainees Sammelan	5	150	All staffs
12	Farmers' seminar/workshop	6	300	All staffs
13	Method Demonstrations	50	1000	All staffs
14	Celebration of important days	10	600	All staffs
15	Special day celebration	5	250	All staffs
16	Exposure visits	5	200	All staffs
17	Technology week	1	400	All staffs
18	FFS	2	50	All staffs
19	Farm innovators meet	1	50	All staffs
20	Awareness programs	80	2500	All staffs
21	Lecture delivered	120	3600	All staffs
22	TV/Radio Programme	15	-	All staffs
23	News clips	75	-	All staffs
24	Popular Articles	25	-	All staffs
25	Research Article	5	-	All staffs
26	Extension Literatures	10	5000	All staffs
27	Kisan Mobile Advisory Services	200	25000	All staffs
	Others (Specify)	-	-	All staffs
	Total	1273	56230	All staffs

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

14.1. Technological knowledge

S.No.	Category	Details of technologies	Area (ha)/ Number	Names of the team members involved
1	Fodder	Azolla	2	SMS (Agronomy)
2	IFS	IFS	1	All SMS
3	Fodder	Fodder bank	1	SMS (Agronomy)
4	Crop	Crop cafeteria (Millets)	1	SMS (Agronomy)

S.No.	Category	Details of technologies	Area (ha)/ Number	Names of the team members involved
	Production			
5	Soil health management	Vermicompost Production	2	SMS (Soil Science)
		Waste Decomposer	1	SMS (Soil Science)
6	Home Science	Multipurpose Food Processing Machine	1	SMS (Home Science)
		Microgreens Cultivations	1	SMS (Home Science)
		Zero Waste Management in Banana and Grapes	1	SMS (Home Science)
		Dehydration Technologies	1	SMS (Home Science)
7	Agri.Engg.	Location Specific Drudgery Reducing Technologies	1	SMS (Home Science)
8	Grapes	Y angle grapes cultivation	1	SMS (Horticulture)
9	Plant Protection	Mushroom Production	1	SMS (Plant Protection)

14.2 Technological products planned to be produced in the KVK during 2026-27
(Seeds, planting materials, livestock, bio-inputs and other inputs)

S.No.	Category	Name of the product	Quantity (q) or Nos.	Names of the team members involved
1	Seeds	Groundnut (TMV 14, VRI 9,10)	25 q	SMS Agronomy and PA (Farm Manager)
		Black gram VBN 8 and VBN 10	5 q	SMS Agronomy and PA (Farm Manager)
		Green gram CO 8	1.5 q	SMS Agronomy and PA (Farm Manager)
		Fodder Sorghum COFS 29	0.5 q	SMS Agronomy and PA (Farm Manager)
2	Planting materials	Mango, Sapota & Guava seedlings	20,000 Nos	SMS Horticulture and PA (Farm Manager)
		Tomato, Chilli, & Brinjal	200000 nos	SMS Horticulture and PA (Farm Manager)
		Banana suckers	10000 Nos	SMS Horticulture and PA (Farm Manager)
3	Livestock	-	-	-
4	Bio products	Vermicompost	100 q	SMS (Soil Science)
5	Other inputs	Banana Special	40 q	SMS (Soil Science)
		Multi Nutrient Instant Health Mix	2 q	SMS (Home Science)
		Honey	2 q	SMS (Home Science)
6	Bio control	<i>Trichoderma asperillum</i> and <i>Bacillus subtilis</i>	500+500=1000	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	Capacity Building of Line Department Officials on Latest Agricultural Technologies	2	SMS (Soil Science)
2	Kitchen garden	2	SMS (Horticulture)
3	Minor millet cultivation and value addition	2	SMS (Agronomy) & SMS (Home Science)
4	Advances in Plant Protection Technologies for Extension Personnel	1	SMS (Plant Protection)
5	ICT Tools and Digital Extension Services	1	SMS (Extension)
6	Scientific Livestock Production and Management Technologies for Extension Personnel	1	PA (Animal Science)
7	Microgreens and Hydroponics	1	SMS (Home Science) & PA (Animal Science)

14.3.2. Publications planned

S.No	Category of publication	Number	Names of the team members involved
1	Books	7	All SMS
2	Booklets	9	All SMS
3	Leaflets	7	All SMS
4	Pamphlets	14	All SMS

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

(Other than projects mentioned in Chapters 10 and 11)

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
1	Tamil Nadu State Council of Science and Technology	Publication of Technologies Guide	Publications	30,000	All SMS
2	ATMA, Department of Agriculture	Skill training for rural youth	Skill training on Seed Production	60000	All SMS
3	Mahalir Thittam, Govt. of Tamil Nadu	Sponsored training for Community resource Persons	Training programme on Organic Farming and Good	90000	All SMS

S.No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
			Agricultural Practices		
4	STL, Theni	Sponsored training programme	Training programme on importance of soil testing	20000	SMS (Soil Science)
5	Tamil Nadu Rural transformation Project	Sponsored training programme	Sponsored training programme on Bhendi cultivation and value addition	65000	SMS (Horticulture) SMS (Home Science)
6	Scientific Beekeeping for STs	Sponsored training programme	1 & 25		

16. Revolving Fund

16.1. Status of Revolving funds.

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.)
2869258	738750	365850	3242158

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

S.No.	Proposed activities	Expected output	Anticipated income (Rs.)	Name of the team member involved
1	Groundnut TMV 14 and VRI 9,10	25 q	100000	SMS (Agronomy)
2	Black gram VBN 8 and VBN 10	5 q	40000	SMS (Agronomy)
3	Fodder sorghum CO 29	0.5 q	20000	SMS (Agronomy)
4	Green gram CO 8	1.5	15000	SMS (Agronomy)
5	Mango, Sapota & Guava seedlings	10,000 Nos	10000	SMS (Horticulture)
6	Tomato, Chilli, & Brinjal	200000 nos	40000	SMS (Horticulture)
7	Banana suckers	10000 Nos	20000	SMS (Horticulture)
8	Vermicompost	10000 kg	100000	SMS (Soil Science)
9	IIHR Banana Special	10000 kg	160000	SMS (Soil Science)
10	Dry Grapes	1000 kg	400000	SMS (Home Science)
11	Banana Mix	500 kg	60000	
11	Nutrient Dense RTU mix	1000 kg	400000	

S.No.	Proposed activities	Expected output	Anticipated income (Rs.)	Name of the team member involved
12	Honey	1000 liter	500000	
17	<i>Trichoderma asperullum</i>	260 kg	45360	SMS (Plant Protection)
18	<i>Bacillus subtilis</i>	260 kg	45360	

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	300	300	SMS (Soil Science)
		Traditional lab	400	400	SMS (Soil Science)
		AAS	-	-	SMS (Soil Science)
2	Water		200		SMS (Soil Science)
3	Plant		-		-

18. Plan of activity for Institutional Farm

S.No.	Activity	Area (ha)	Names of the team members involved
1	Organic Cultivation of Moringa	0.6 ha	SMS (Soil Science), SMS (Horticulture) and Farm Manager
2	Banana Intercropping system	0.8 ha	All SMS and Farm Manager
3	Grape's cultivation (Y angle and conventional Pandal system)	0.4 ha	SMS (Horticulture) and Farm Manager
4	High-density planting in Mango	0.8 ha	SMS (Horticulture) and Farm Manager
5	IPDM in Grapes	0.4 ha	SMS (Plant Protection) and Farm Manager
6	Red Guava cultivation	0.4 ha	SMS (Horticulture) and Farm Manager
7	Groundnut Seed Production	0.4 ha	SMS (Agronomy) and Farm Manager
8	Green gram Seed production	0.4 ha	SMS (Agronomy) and Farm Manager
9	ICM in Bhendi	0.4 ha	SMS (Horticulture) and Farm Manager
10	Fodder Cafeteria	0.4 ha	PA (Animal Science)
11	Biofortified Nutri Garden	5 cent	SMS (Home Science)

19. Demonstration units in KVK premises

S. No.	Name of Demo unit	Capacity for production (specify units)	Names of the team members involved
1	Azolla	50 kg	SMS (Agronomy)
2	Vermicompost	12000 kg	SMS (Soil Science)
3	Horticulture Nursery	30000 Nos	SMS (Horticulture)
4	Grapes Demo Unit	12t	SMS (Horticulture)
5	Nutri Garden and Micro Greens	75 kg /season	SMS (Home Science)

S. No.	Name of Demo unit	Capacity for production (specify units)	Names of the team members involved
6	Terrace Garden	50 kg /season	
7	Vertical Medicinal Garden	20 plants	
8	Dal Mill Unit	200 kg /day	
9	Apiary Unit	20 Bee boxes	
10	Solar dryer	32 Sq.ft	
11	Diary unit	5 Milch Animals	PA (Animal Science)

20. E-linkage activities status / proposed during 2026-27

Activity	Particulars	No. of farmers in database/ involved in activity/ downloads/ users etc
Website	Link: kvktheni.org.in	25000
Mobile App	Name and link	-
ICT initiative		-
KVK portal (update status)	Infrastructure details & photos uploaded (no): Events uploaded:2500 News items submitted:50	
KVK mobile App of ICAR	Downloaded and used by scientists (no.)8	
Other mobile Apps in use by KVK	13	
M Kisan of DAC & FW		17500
Social media		
a) WhatsApp groups	No. of groups/KVK: 13	6500
b) Facebook	Link: kvkcendect Theni	5082
c) Twitter	Handle name: @KrishiTn (Krishi Vigyan Kendra, Theni)	1364
Membership / participation in online digital platforms for services/ marketing etc.		
KVK Blogs etc.	-	
Collaboration with public/ private firms for audio/ video conferencing etc	Agency:HajiKarutharaoutherHowdiya College , Uthamapalayam and Sri Adhi sunjana Giri college for women, Cumbum MoU (yes/no): Yes No. of programs done: 22	

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	Integrated Crop Management in Groundnut	ICM in Groundnut	25	0.40
2	GAP in Horticultural crops	GAP in Mango and Grapes	50	0.20

Details of FFS

22. Details of Innovative Farmers network established

S. No.	Name of the Innovations	Details of the innovative Farmers network established
1.	Improved Wood Stove	V. Jayprakashan, Innovator, Kerala
2.	Paddy Husk Stove	Ashok Thakur East Champaran, Innovator, Bihar
3.	Fruits and Vegetable Capper	Shaji Varghese, Ernakulum, Innovator, Kerala
4.	Fruit Nipper	MadevShrikrishna Mahajan, Ratnagiri, Innovator, Maharashtra
5.	Tamarind de-seeder Machine	Dayaram Vishram Chouhan Jeypore, Innovator, Odisha
6.	Onion (<i>Sona-40</i>)	Babasaheb nana pisore, Innovator, Maharashtra-
7.	Brinjal (<i>HZKB-1</i>)	Lakshmibhaizulapi, Innovator, Karnataka
8.	Guava (<i>G-vilaspasand</i>)	Shri ram vilasmaurya, Innovator, Uttar Pradesh
9.	Coconut Tree Climber	Venkat, Innovator, Coimbatore, Tamil Nadu
10.	Modified Cono weeder	Duraisamy, Innovator, Karur, Tamil Nadu
11.	Solar Powered Auto	Sugumar, Innovator, Theni, Tamil Nadu
12.	Air Flow Funnel	Kannan, Innovator, Theni, Tamil Nadu
13.	Multi Tree Climber	Venkat, Innovator, Coimbatore, Tamil Nadu
14.	Banana fiber products	Murugesan, Innovator, Madurai, Tamil Nadu
15.	Multi-Purpose Food Processing Machine	Dharamveer Kamboj, Yamuna nagar, Haryana
16.	SK-4 Improved Turmeric Variety	Shri Sachin Kamlakar Karekar, Ratnagiri, Maharashtra

23. Budget - Details of budget utilization (2025-26) up to 31 March 2026 (₹.)

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	<u>RECURRING</u>			
1	Pay & Allowances	13671192	13533272	13494467
2	Travelling Allowances	100000	1111886	108600
	a) Field activities & programmes			
	b) Training programmes			
3	<u>Contingencies</u>			
A	<i>Office Contingencies</i>	120000		129840
B	<i>Technical Programmes including TSP/ SCSP</i>	930000		943280
	Total of Contingencies			
	Sub Total of Recurring Items (1+2+3)	14821197	14645158	14676187
4	<u>NON-RECURRING CONTINGENCIES:</u>			
	Works			
	Furniture& Equipment			
	Vehicle			
	TSP (creation of physical assets)			
	SCSP Component (Creation of Physical assets)	200000	200000	201100
	Sub Total of non-recurring Items (4)	200000	200000	201100
5	GRAND TOTAL	15021197	14845158	14877287

24. Details of Budget Estimate (2025-26) based on proposed action plan (₹.)

S. No	Particulars	Budget Estimate for 2026-27
A	<u>RECURRING ITEMS</u>	
1	Pay & Allowances	17000000
2	Travelling Allowances	200000
a	Field activities & programmes	
b	Training programmes	
3	<u>Contingencies</u>	
	<i>Office Contingencies</i>	
a	Stationery, telephone, stamps and other expenditure on office running	250000
b	POL, repair of vehicles, tractor and equipment including hiring of vehicle	
4	Technical Programmes	900000
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	

S. No	Particulars	Budget Estimate for 2026-27
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)	
l	Soil Health Card (SHC)	
m	Website/mobile app / SCSP Components etc.	500000
	Total of Contingencies	
	Total of Recurring Items	18850000
B	<u>NON-RECURRING ITEMS:</u>	
a	Works (Compound wall/Building repair work)	3000000
b	Vehicle (Jeep/Tractor/2 Wheeler)	
c	Furniture	
d	TSP (creation of physical assets)	
e	SCSP Component (Creation of Physical assets)	600000
	Total of Non-Recurring Items	3600000
	GRAND TOTAL (A+B)	24450000

Signature of the Senior Scientist and Head of the KVK

Forwarded

Verified

Approved

[DEE/Chairman]

[Nodal Officer (ATARI)]

[Director (ATARI)]