



TAMIL NADU AGRICULTURAL UNIVERSITY



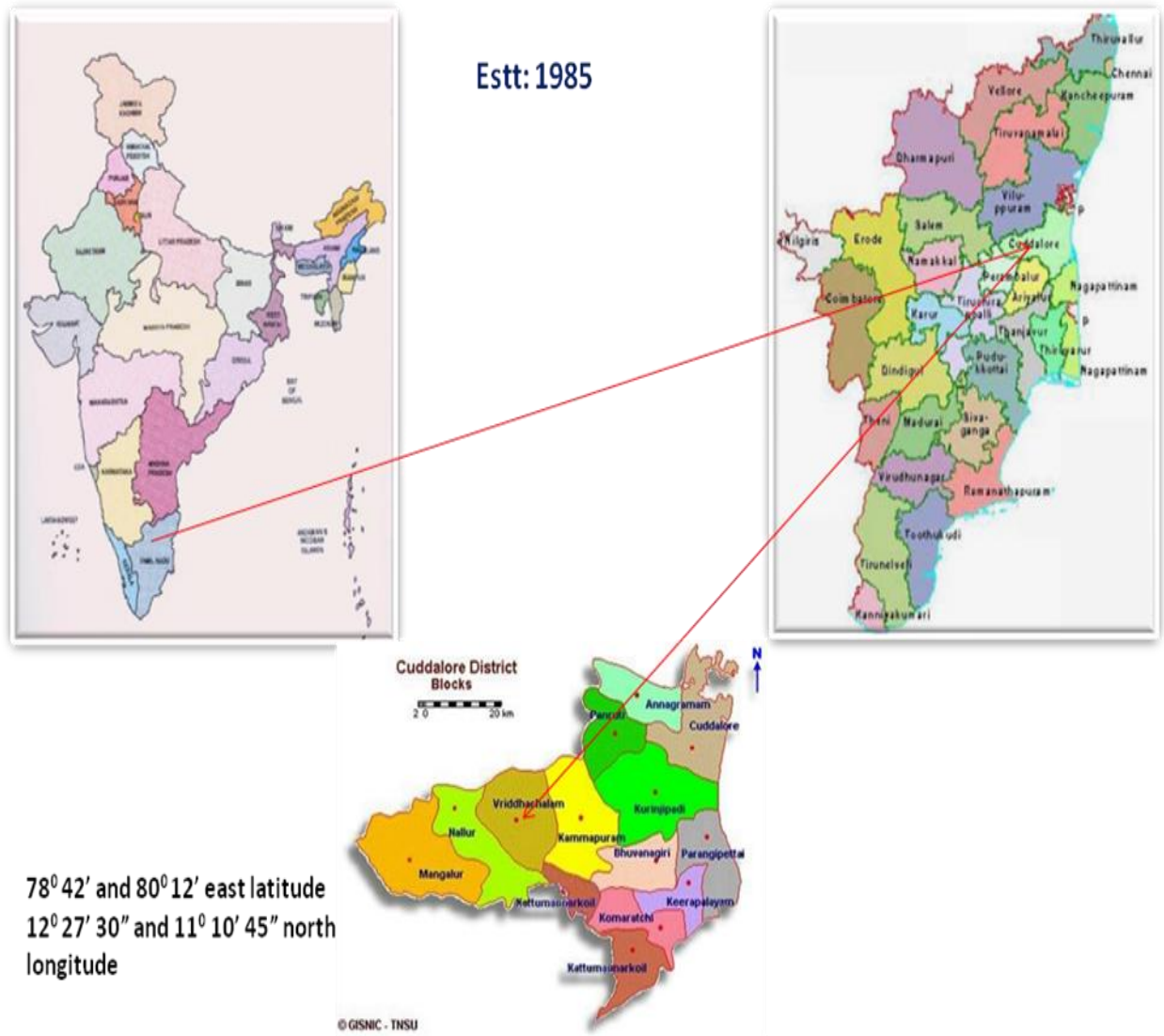
ACTION PLAN SUMMARY 2019-20

**ICAR- KRISHI VIGYAN KENDRA
VRIDDHACHALAM - CUDDALORE DISTRICT
TAMIL NADU - 606 001**

TAMIL NADU AGRICULTURAL UNIVERSITYKRISHI VIGYAN KENDRA -CUDDALORE DISTRICT- TAMIL NADUACTION PLAN 2019-20

1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with Phone, Fax and e-mail	:	Krishi Vigyan Kendra Tamil Nadu Agricultural University Vridhachalam - 606 001 Cuddalore District, Tamil Nadu Phone No. : 04143-238353 Tele fax No. : 04143-238353 E-mail : kvkvri@tnau.ac.in Web address : http://tnau.ac.in
1.2	Name and address of host organization	:	Tamil Nadu Agricultural University Coimbatore - 641 003 Grams : FARMVAR Telex No. : 855-360-TNAU.IN Fax No. : 091-0422-2431672 Phone No. : 0422-2431222 E-mail : vc@tnau.ac.in registrar@tnau.ac.in
1.3	Year of sanction	:	1985
1.4	Website address of KVK and date of last update	:	www.kvkcuddalore.com 31.12.2015



CUDDALORE KVK – GEOGRAPHIC LOCATION

1. Operational area/Cluster villages details

Block	Name of cluster villages	Major crops & Enterprises	Major problems identifies in each crop/enterprise	Proposed type of interventions (OFT/ FLD/ Training/ Field day/ Method demonstrations/ Awareness camp)
Bhuvanagiri & Keerapalayam	Azhichikudi & Manakudianirruppu	Paddy	Replacement of medium duration variety for the existing ruling low yielding cultivar in samba and late samba Season. Susceptibility of CR1009 & BPT5204 for pests and diseases. Non availability of seed for integration of variety. Linking of new variety into seed production chain	FLD - Demonstration of ADT 51 paddy seed production (foundation /certified) by farmer participatory mode
Kurinjipadi & Kattumanarkoil	Ayyankurinjipadi & Srimushnam	Paddy	BPT 5204 variety susceptible for leaf folder, stem borer, sheath blight and neck blast in samba season Indiscriminate use of chemicals for control of pests and diseases. (Samba paddy 1,05,000 ha in Cuddalore district) Linking of new variety into seed production chain	FLD- Demonstration of ADT 53 paddy
Bhuvanagiri	Agaram Alampadi & Adhanur	Paddy	Neck blast is a serious constraint in Rice production in samba season. Sudden outbreaks of neck blast make the chemical ineffective. Hence, a prophylactic method is necessary.	FLD- Demonstration of Blast disease management in Rice
Vridhachalam & Nallur	Sathukudal & Nallur	Paddy	Low yield - paddy crop under salt affected soil Lack of awareness on salt affected soil management practices	FLD - Demonstration of ICM practices in paddy cultivation in salt affected soil
Vridhachalam	Vridhachalam, M.Agaram & Karnatham.	Black gram	Lack of awareness about the latest variety of black gram. Low yield obtained. Lack of awareness on ICM practice of black gram.	FLD - Demonstration of ICM practices in Blackgram (VBN 8).

Mangalore	Adari & Sirupakkam	Maize	Sudden out-break and non-sustainable of control of fall army worm in maize with insecticides	OFT - IPM of Fall Army Worm (<i>Spodoptera fugiperda</i>) on Maize
Mangalore	Thazhanallur & Murugankudi	Sugarcane	Lack of awareness on suitable decomposer for composting of sugarcane trash (Area : 20000 ha) Environmental pollution- burning of large quantity of solid waste	FLD - Demonstration of NCOF decomposer for sugarcane trash composting
Kurinjpadi, Annagramam & Cuddalore	Ayyankurinjpadi, Viswanathapuram & Naduveerapattu	Groundnut	Lack of knowledge on newly released variety of groundnut Non adoption of Integrated crop management technology Non availability of seed for integration of variety. Linking of new variety into seed production chain	FLD- Demonstration of seed production (foundation /certified) by farmer participatory mode in groundnut (VRI 8)
Kurinjpadi	Ayankurinjpadi	Groundnut	Lack of awareness on the integrated management of pest and disease in groundnut	FLD- Demonstration of IPDM for pest and disease management in groundnut
Kurinjpadi, Panruti & Cuddalore	Ayyankurinjpadi, Sathiram, Ponveli & Naduveerapattu	Sesame	Lack of knowledge on new variety Non adoption of ICM technology Non availability of seed for integration of variety	FLD - Demonstration of seed production (foundation /certified) by farmer participatory mode in gingelly (VRI 3)
Cuddalore	Moolakuppam & Vandurasankuppam	Sugarcane	Lack of awareness of suitable variety for summer irrigated condition Low yield realised during summer season	OFT - Assessment of suitable sugarcane variety for Cuddalore District
Kurnjpadi & Kattumanarkoil	Rajendirapattinam & Ayyankurinjpadi	Paddy	Pest & Disease incidence is high in BPT Fetching of low price of grain in other varieties than BPT	OFT- Assessment of suitable alternate variety for BPT 5204 in Cuddalore district

Cuddalore	Gnanamedu, Ramapuram Annawali &	Bottle gourd	Farmers are interested to cultivation of low investment cucurbitaceous vegetables like bottle gourd with minimum resources. Lack of awareness about the identification of suitable varieties /hybrids of bottle gourd.	OFT- Assessment of performance of new bottle gourd varieties/hybrids suitable for Cuddalore district.
Vridhachalam	Chinnavadavadi, Erumanur Vadakuppam &	Bhendi	Low yield due to lack of awareness on ICM practices Yield loss due to improper management of Pest and diseases (Up to 30 %)	FLD -Demonstration of CO4 Bhendi with ICM
Kattumanarkoil	Savadikuppam, Cholatharam Palayamkottai &	Watermelon	Low yield due to lack of awareness on ICM practices with existing varieties. Replacement of existing varieties with suitable high yielding varieties in this region	FLD - Demonstration of Arka akash water melon with ICM.
Parengipettai	Chinnakomati & B Mutlur	Casuarina	Lack of knowledge on new clones of Casuarina Alternate crop for coastal region especially during cyclone	FLD - Demonstration of high yielding multifunctional industrial Agro-forestry trees (<i>Casuarina</i> MTP 2)
Cuddalore	CN.Palayam, Kottikonankuppam & Vandurasankuppam	Melaidubia	Lack of knowledge on new clones of Melaidubia Alternate crop for coastal region especially during cyclone	FLD - Demonstration of high yielding multifunctional industrial Agro-forestry trees (<i>Meliadubia</i> MTP2)
Vridhachalam & Nallur	Ka.Elamangalam, Sathiyavadi & Nallur	Fodder crops	Low yield of Milk Inadequate availability of fodder crops in Cuddalore District Farmers are very much interested to cultivate fodder crops	FLD - Demonstration of fodder bank for Livestock.

Kurinchipadi & Vriddhachalam	Ayyankurinchipadi & Sathiyavadi	Vegetables	Per capita consumption is less Demand for organic greens and vegetables	FLD - Demonstration on Nutri garden (homestead)
Vridhachalam	Sathiyavadi & Alanthuraipattu	Paddy & Fish ponds	Under utilization of water resources Unaware of poly culture of fish rearing among farmers Poor income status of farmers	FLD - Demonstration of composite fish culture in farm ponds
Vrdhachalam & kattumannarkoil	Vijayamanagaram & Srimushnam	Moringa	Lack of awareness on iron rich leaf powder Lack of awareness on value addition in moringa crop	FLD - Demonstration on dehydration techniques for moringa leaf powder

1.1 KVK adopted villages

District/Taluk/ Block	Name of cluster villages	Major crops & Enterprises	Major problems identifies in each crop/enterprise	Proposed type of interventions (OFT/ FLD/ Training/ Field day/ Method demonstrations/ Awareness camp)
Vridhachalam	Sathukudal Ilamangalam &	Paddy	Low yield - paddy crop under salt affected soil Lack of awareness on salt affected soil management practices	FLD - Demonstration of ICM practices in paddy cultivation in salt affected soil
Vridhachalam	Ilamangalam	Fodder crops	Low yield of Milk Inadequate availability of fodder crops in Cuddalore District Farmers are very much interested to cultivate fodder crops	FLD - Demonstration of fodder bank for Livestock.

2.2 DFI villages

District/Taluk/ Block	Name of cluster villages	Major crops & Enterprises	Major problems identifies in each crop/enterprise	Proposed type of interventions (OFT/ FLD/ Training/ Field day/ Method demonstrations/ Awareness camp)
Kuinjipadi Block	Ayyan Kurinjipadi , Reddipalayam	Paddy	BPT 5204 variety susceptible for leaf folder, stem borer, sheath blight and neck blast in samba season Indiscriminate use of chemicals for control of pests and diseases. (Samba paddy 1,05,000 ha in Cuddalore district) Linking of new variety into seed production chain	FLD - Demonstration of ADT 53 Paddy
	Ayyan Kurinjipadi	Paddy	Pest & Disease incidence is high in BPT Fetching of low price of grain in other paddy varieties than BPT	OFT- Assessment of suitable alternate variety for BPT 5204 in Cuddalore district
	Ayyan Kurinjipadi Sathiram	Groundnut	Lack of knowledge on newly released variety of groundnut Non adoption of Integrated crop	FLD- Demonstration of seed production (foundation /certified) by

			management technology Non availability of seed for integration of variety. Linking of new variety into seed production chain	farmer participatory mode in groundnut (VRI 8) FLD- Demonstration of IPDM for pest and disease management in groundnut
	Ayyan Kurinjipadi, Ponveli	Gingelly	Lack of knowledge on new release variety Non adoption of ICM technology Non availability of seed for integration of variety	FLD - Demonstration of seed production (foundation /certified) by farmer participatory mode in gingelly (VRI 3)
	Ayyan Kurinjipadi	Banana, Brinjal	Per capita consumption is less Demand for organic greens and vegetables	Demonstration on Nutri garden (homestead / anganwadi)
Vridhachalam block	Sathiyavadi & Ka.Elamangalam,	Fodder crops	Low yield of Milk Inadequate availability of fodder crops in Cuddalore District Farmers are very much interested to cultivate fodder crops	FLD - Demonstration of fodder bank for Livestock.
Vridhachalam block	Sathiyavadi & Alanthuraipatt u	Fish	Under utilization of water resources Unaware of poly culture of fish rearing among farmers Poor income status of farmers	FLD - Demonstration of composite fish culture in farm ponds

Details of technological interventions

1.2 Technology Assessment (OFTs)

S.No.	Crop/ enterprise	Title of intervention	Technological options		No. of trials	Total cost involved (Rs.)	Team members involved	No. of trials targeted in DFI village(s)	No. of trials targeted under SC-SP
7.1	Paddy	Assessment of suitable alternate variety for BPT 5204 in Cuddalore district	TO1:	ADT 51	5	9500	SMS (AGR), SMS (PP) & PC	-	-
			TO 2:	MTU 1140 (Bheema)					
			TO3 :	Farmers practice- BPT 5204					
7.2	Sugarcane	Assessment of suitable sugarcane variety for Cuddalore district	TO1:	COC 25	5	36600	SMS (SST), SMS (PP) & PC	-	-
			TO 2:	COV09356					
			TO3 :	Farmers practice- CO 86032					
7.3	Maize	IPM of Fall Army Worm (<i>Spodopterafrugiperda</i>) on MAIZE	TO1:	<ul style="list-style-type: none"> ✓ Summer ploughing ✓ Neem Cake @ 100 kg/ac at last ploughing ✓ Seed treatment with Fortezaduo 	5	22500	SMS (PP) & PC	-	-

				<p>(Cyantraniliprole + Thiamethoxam) @ 2 ml/Kg</p> <ul style="list-style-type: none"> ✓ Border drop with grain sorghum & Intercropping with Cowpea ✓ Collection and destruction of Egg masses ✓ Installation of Pheromone traps @ 4 Nos/ac ✓ Neem spray (1%) 10 to 15 DAS ✓ EPN or Bt @ 2g/lt 15 - 21 DAS ✓ Spraying of Insecticide - 21 -28 & 36-42 DAS ✓ Spraying of <i>Metarhizium anisopliae</i> @ 2ml/lt 30-35 DAS <p>Poison baiting @</p>					
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				45 -65 DAS					
			TO 2:	Farmers' Practice - FYM @ Application of Insecticides					
7.4	Coconut	Assessment of rugose whitefly management in coconut	TO1:	Release of <i>Encarsia</i> parasitoid @ 100 Nos./ac Release of <i>Chrysoperla</i> Predator @ 400 Nos./ac Placing of yellow sticky trap at 6 -8 feet height (5 x 1.5 ft) Water spray Avoiding Insecticide spray & Spraying of neem oil / nimbidine	10	19500	SMS (PP) & PC	-	-
			TO 2:	Farmers practice (Azadirachtin 1.0% spray)					

7.5	Bottle gourd	Assessment of performance of new bottle gourd varieties/hybrids (Pusa Santushti and PLR 2) suitable for Cuddalore district.	TO1:	PLR 2	5	13500	SMS (Horti.) & PC	-	-
			TO 2:	Pusa Santushti					
			TO3 :	Local varieties					
7.6	Tuberose	Assessment of Management Modules against nematode complex in tuberose	TO1:	FP - Granular Insecticide Application					
			TO 2:	<ul style="list-style-type: none"> ▪ Bulb treatment with <i>P. fluorescens</i> & <i>T. viride</i> each @ 10g/Kg ▪ <i>T. harzianum</i> or <i>T. viride</i> + <i>P. fluorescens</i> + <i>Paecilomyces lilacinus</i> @ 2 Kg / tonne of FYM for enrichment & applied before planting or ▪ For standing crop biopesticides enriched neem cake 100kg/ac - Once in three months (IIHR) 					

			TO3 :	<ul style="list-style-type: none"> • Bulb treatment with <i>P. fluorescens</i> & <i>T. viride</i> each @ 10g/Kg • Application <i>Pochonia chlamydosporia</i> @ 2 Kg/ac along with Neem cake repeated once in three months (NBAIR) 					
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3.2 Frontline Demonstrations (FLDs)

S.No.	Category/ Crop or enterprise	Prioritized problem	Technologies Demonstrated	No. of Demo	Area (ha)/ Units	Total cost involved (Rs.)	Team members involved	No. of trials targeted in DFI village(s)	No. of trials targeted under SC-SP
1.	Paddy	<ul style="list-style-type: none"> • Kuruvai paddy cultivated 30000 ha in Cuddalore district • Ruling BPT 5204 susceptible for leaf folder, stem borer, sheath blight and neck blast in samba 	Demonstration of ADT 53 Paddy	20	8	30500	SMS (SST), SMS(PP) , TA(AEX) & PC	5	5

		<ul style="list-style-type: none"> season • Non availability of seed for integration of variety • Indiscriminate use of chemicals for control of the pest and disease 							
2.	Paddy	<ul style="list-style-type: none"> • Low yield in paddy crop under salt affected soil • Lack of awareness on salt affected soil management practices 	Demonstration of ICM practices in paddy cultivation in salt affected soil	10	4	19500	SMS (AGR), TA(AEX) & PC	-	-
3.	Blackgram	<ul style="list-style-type: none"> • Non adoption of ICM technology • Non availability of seed for integration of variety 	Demonstration of ICM practices in Blackgram (VBN 8)	10	4	19000	TA(AEX), SMS (AGR) & PC	-	-

4.	Paddy	<ul style="list-style-type: none"> • Replacement of long duration variety for the existing ruling cultivar in Samba and late samba Season (Area : 1,12,000 ha) • Susceptibility of CR1009 & BPT5204 for pests and diseases • Non availability of seed for integration of variety • Linking of new variety into seed production chain • Lack of knowledge and technique about package of practices for new release cultivar 	<p>Demonstration of ADT 51 paddy seed production (foundation /certified) by farmer participatory mode affected areas in Cuddalore district</p>	15	8	30625	SMS (SST), SMS(PP) , SMS (AGR) & PC	-	5
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5.	Groundnut	<ul style="list-style-type: none"> • Non availability of seed for integration of variety (Area : 15000 ha) • Lack of knowledge on new release • Non adoption of ICM technology 	Demonstration of seed production (foundation /certified) by farmer participatory mode in groundnut (VRI 8)	10	2	44100	SMS (SST), SMS(PP) , TA(AEX) & PC	5	5
6.	Gingelly	<ul style="list-style-type: none"> • Non availability of seed for integration of variety (Area : 5000 ha) • Lack of knowledge on new release • Non adoption of ICM technology 	Demonstration of seed production (foundation /certified) by farmer participatory mode in gingelly (VRI 3)	25	10	24750	SMS (SST), SMS(PP) , TA(AEX) & PC	15	5
7.	Paddy	<ul style="list-style-type: none"> • Rice is cultivated over 10,000 ha in Mel Bhuvanagiri block of Cuddalore district 	Demonstration of blast disease management in rice	10	4	8000	SMS(PP), SMS (SST) & PC	-	-

		<ul style="list-style-type: none"> • Sudden out break of neck blast cause serious yield loss • Prophylactic sprays are necessary 							
8.	Bhendi	<ul style="list-style-type: none"> • Low yield due to lack of awareness on ICM practices • Yield loss due to improper management of Pest and diseases (Upto 30 %) 	Demonstration of CO4 bhendi with ICM (Results of OFT of 2018-19)	10	4	11000	SMS (Horti.) & PC	-	-
9.	Watermelon	<ul style="list-style-type: none"> • Low yield due to lack of awareness on ICM practices • Replacement of existing varieties with suitable high yield varieties in this region 	Demonstration of Arka Akash watermelon with integrated crop management practices	10	4	12500	SMS (Horti.) & PC	-	-
10.	Fodder	<ul style="list-style-type: none"> • Low production of milk • Inadequate availability of fodder crop in 	Demonstration of fodder bank for livestock	10	4	19000	TA(AEX), SMS (SST), SMS(AGR) & PC	5	2

		Cuddalore district • Farmers are very much interest to cultivate fodder crop							
11.	Fisheries	<ul style="list-style-type: none"> • Under utilization of water resources • Unawareness poly culture of fish rearing among farmers • Poor income status of farmers 	Demonstration of composite fish culture in farm ponds	5	-	8500	PC & TA(AEX)	2	1
12.	Agro-forestry	<ul style="list-style-type: none"> • Lack of knowledge on clones of new Casuarina • Alternate crop for coastal region especially during cyclone 	Demonstration of high yielding multifunctional industrial Agro-forestry trees (Casuarina MTP 2)	10	4	23500	SMS (SST), SMS(PP) , TA(AEX) & PC	-	2
13.	Decomposer	<ul style="list-style-type: none"> • Lack of awareness on suitable decomposer for composting of 	Demonstration of NCOF waste decomposer for decomposting sugarcane waste	6	-	3000	SMS(AGR), SMS (SST) & PC	-	-

		sugarcane trash (Area : 24000 ha) Environmental pollution- burning of large quantity of solid waste							
14.	Value addition	<ul style="list-style-type: none"> •Lack of awareness on iron rich leaf powder •Lack of awareness on value addition in moringa crop 	Demonstration on dehydration techniques for vegetables / fruits	10	-	67500	PC & TA(AEX)	-	5
15.	Nutrigarden	Per capita consumption is less Demand for organic greens and vegetables	Demonstration on nutri garden- Homestead	10	-	10000	PC & TA(AEX)	5	2
16.	Poultry	<ul style="list-style-type: none"> ▪Poor egg production in native birds ▪Low income from backyard rearing 	Demonstration of TANUVAS Aseel for backyard poultry	10	-	15000	PC, PC (Tech) & TA(AEX)	5	2

3.3 Training Programmes

3.3.1 Details of trainings programmes conducted for Farmers

Thematic area	No. of Courses proposed	No. of participants expected (including SC/ST farmers)	SMS involved
Crop Production	15	680	All SMS
Horticulture	5	200	All SMS
Soil Health and Fertility Management	5	300	All SMS
Livestock Production and Management	1	50	All SMS
Home Science/Women empowerment	12	530	All SMS
Agril. Engineering	1	40	All SMS
Plant Protection	5	230	All SMS
Fisheries	-	-	-
Production of Inputs at site	1	40	All SMS
Capacity Building and Group Dynamics	1	40	All SMS
Agro-forestry	4	160	All SMS
TOTAL	50	2270	

3.3.2 Details of trainings programmes conducted for Rural Youth

Area of training	No. of Courses proposed	No. of participants expected (including SC/ST farmers)	SMS involved
Nursery Management of Horticulture crops	-	-	-
Training and pruning of orchards	-	-	-
Protected cultivation of vegetable crops	-	-	-
Commercial fruit production	-	-	-
Integrated farming	1	40	All SMS
Seed production	3	70	All SMS
Production of organic inputs	1	40	All SMS
Planting material production	-	-	-
Vermi-culture	-	-	-
Mushroom Production	2	50	All SMS
Bee-keeping	-	-	-
Sericulture	-	-	-
Repair and maintenance of farm machinery and implements	1	40	All SMS
Value addition	-	-	-
Small scale processing	-	-	-
Post Harvest Technology	-	-	-
Tailoring and Stitching	-	-	-
Rural Crafts	-	-	-
Production of quality animal products	-	-	-
Dairying	-	-	-
Sheep and goat rearing	-	-	-
Quail farming	-	-	-
Piggery	-	-	-
Rabbit farming	-	-	-

Poultry production	-	-	-
Ornamental fisheries	-	-	-
Composite fish culture	1	40	All SMS
Freshwater prawn culture	-	-	-
Shrimp farming	-	-	-
Pearl culture	-	-	-
Cold water fisheries	-	-	-
Fish harvest and processing technology	-	-	-
Fry and fingerling rearing	-	-	-
Any other (pl.specify)	-	-	-
TOTAL	9	280	

3.3.3 Training programmes for Extension Personnel including sponsored training programmes

Area of training	No. of Courses proposed	No. of participants expected (including SC/ST farmers)	SMS involved
Productivity enhancement in field crops	4	160	All SMS
Integrated Pest Management	1	25	All SMS
Integrated Nutrient management	1	40	All SMS
Rejuvenation of old orchards	1	30	All SMS
Protected cultivation technology	1	25	All SMS
Production and use of organic inputs	1	25	All SMS
Care and maintenance of farm machinery and implements	1	40	All SMS
Gender mainstreaming through SHGs	1	40	All SMS
Formation and Management of SHGs	-	-	-
Women and Child care	-	-	-
Low cost and nutrient efficient diet designing	-	-	-
Group Dynamics and farmers organization	-	-	-
Information networking among farmers	-	-	-
Capacity building for ICT application			
Management in farm animals	-	-	-
Livestock feed and fodder production			-
Household food security	1	35	All SMS
Any other (pl. specify)	-	-	-
TOTAL	12	420	

Targets for mandated activities for the year 2019-20

S.No.	Activities	Target (2019-20)
1.	On- farm trials (No. of technologies)	5
	On- farm trials (No. of locations)	9
2.	Frontline Demonstrations (No.)	17
	Frontline Demonstrations (No. of locations)	40
3.	Training of Farmers and Rural Youth (Participants) Nos.	200
4.	Training of Extension Personnel (Participants in Nos.)	420
5.	Participants in Extension activities (in lakh)	
6.	Production of Seed (in quintal) (Give crop-wise)	Groundnut - 30 q Blackgram - 5 q Gingelly - 5q
7.	Planting material (Nos.) (Give crop-wise)	Cashew - 10000 Protray seedling - 50000 Jack - 1000 Medicinal plants - 2500 Ornamental seedling - 2500
8.	Live-stock strains (No.)	10
	Fingerlings (No.)	500
9.	Kisan Mobile Advisory (KMA) (No. of messages)	240
	Kisan Mobile Advisory (KMA) (No. of farmers)	5000
10.	Soil sample Testing (samples in No.)	345
	Water sample Testing (samples in No.)	125
11.	Soil Health Cards issued through Mini Kits (No.)	370
12.	No. of Soil Health Cards issued through traditional lab (No.)	25

4 Special Activities (NFSM, Skill Development, IFS, EDP, FFS, NFDB, SERP etc.)

Activity or Programme	Seasons (Kharif/Rabi/Summer) / Physical assets created	Area (Ha)	Demos (No.)	Budget (Rs. lakhs)	Team members involved
NFSM Pulses					
Blackgram	Rabi	20	50	1.80	SMS (Agron), SMS (Pl.Patho) & TA (Ag.Extn)
Greengram	-	-	-	-	-
Redgram	-	-	-	-	-
Bengalgram	-	-	-	-	-
Horsegram	-	-	-	-	-
NFSM Oilseeds					
Groundnut	Rabi	50	125	4.53	SMS (SST), SMS(PP) & TA (AEX)
Sesame	Rabi - summer	40	100	1.36	SMS (SST), SMS(PP) & TA (AEX)
Sunflower	-	-	-	-	-
Castor	-	-	-	-	-
Safflower	-	-	-	-	-
IFS		1.6	4	0.30	PC
EDP		30	10	0.30	PC
FFS	Kharif	30	30	0.30	SMS (SST), SMS(PP) & TA (AEX)
NFDB	-	-	-	-	-
SERP	-	-	-	-	-
Any other (pl. specify)	-	-	-	-	-

5 Externally funded Activities (continuing / anticipated during 2019-20): Nil

Activity or Programme	Program duration	Funding agency	Physical details (no. of programmes, participants, area etc.)	Financial outlay (Rs. lakh)	Team members involved
-	-	-	-	-	-

6 Date of SAC meeting conducted during 2018-19: 13.2.2019

Date of submission of proceedings of SAC meeting held in 2018-19:

The Director of Extension Education, TNAU, Coimbatore

- Establishing nutri garden in farm family backyard.
- Creating education and public awareness campaign regarding latest technology/ latest varieties.
- Creating awareness about the list of schemes operated in line departments (Agriculture/ Horticulture/Agri.Engineering etc.) through displaying banner and distribution of leaflets to the farmers at KVK premises.
- Promote farmers commodity groups
- Arranging exposure visit to successful farmer's field and Research Stations.
- Introduction of new flower crops and to impart training on flower cultivation.
- Promotion of Agro-forestry (Casuarina) model
- Promote Farm Mechanization through demonstrations and trainings.
- Promote and create awareness among farmers on quality seed production through demonstrations and trainings.
- Management strategies for micro nutrient deficiency in horticulture crops.
- Promote micro irrigation system among farmers through trainings.
- Encourage organic farming in vegetables crops and linking with Agricultural marketing system.

Principal Scientist, ATARI, Hyderabad

- Generating additional income to farm women through poultry hatcheries / incubator (egg).
- Training on value addition in groundnut and gingelly to farming community.
- Increase the farmer's database every month.
- Inclusion of new farmers for conducting field trials and training.
- Invite bank officials to create awareness among farmer's about ways and means of getting bank loans
- Promote bio- products and increase the revolving fund.

Joint Director of Agriculture, Cuddalore

- Demonstration of *Metarhizium* for the management of fall army worm in maize.
- Training on white fly management in coconut.
- Training on value addition in varagu

Deputy Director of Horticulture, Vriddhachalam.

- Training on value addition in Jack fruit
- New varieties / hybrids of bottle gourd shall be introduced in Cuddalore district.
- Training and demonstration of ICM in watermelon may be taken up.

Professor and Head, SRS, Cuddalore

- Create awareness on sugarcane SSI technology through trainings and demonstrations.

Professor and Head, RRS, Vriddhachalam

- Popularize the gingelly var. VRI 3 and groundnut var. VRI 8 in Cuddalore District.

Professor and Head, VRS, Palur

- Presentation of power point slides about TNAU released varieties during each training for creating awareness among farmers.

Professor and Head, TANUVAS, Cuddalore

- Inviting TANUVAS training centre members for conducting animal husbandry training.

District Social Welfare Officer, Dept. of Social Welfare, Cuddalore

- Promote and create awareness on Nutrition education among schools children.

Department of Agricultural Engineering, Cuddalore Welfare, Cuddalore

- Popularize and create awareness on solar pump and solar drier to the farmer.
- Create awareness among the farmers about water conservation methods (farm ponds).

Assistant Director of Fisheries, Dept. of Fisheries, Parangipettai

- Training and demonstration of composite fish culture.

Forester, Dept. of Forest, Villupuram

- Promote cultivation of tree crops wherever possible

Veterinary Doctor, Dept. of Animal Husbandry, Cuddalore

- Promote slatted floor goat rearing unit through demonstrations and trainings.

Programme Executive, AIR, Puducherry

- Documentation of success stories of the farmers.
- News about technology to be delivered through All India Radio(AIR)

Th.K.Sakthivel, Sathukudal, SAC Member

- Promote organic agriculture through demonstrations and trainings

Tmt. T.Sagunthalai, Satahmangalam and Tmt. S.Pounambal, K.Ilamangalam, SAC Member

- Create awareness on value addition and poultry egg to generate additional income with special emphasis to farm women.

7 Proposed date of SAC Meeting to be held in 2019-20:

State	Designated slot	Proposed month/week
Tamil Nadu & Pondicherry	September-November	November Last week

8 Revolving fund status (2018-19) & expected revenue (2019-20) (Rs. in Lakhs) :

Opening balance	Receipts	Expenditure	Closing balance	Expected revenue (2019-20)
3,82,049	10,93,828	7,34,188	3,59,640	7,40,000

9 Proposed Budget 2019-20

S.No	Particulars	Proposed BE 2019-20 (Rs lakhs) (indicative)
1	Recurring Items:	
	Pay & Allowances	173
	Traveling allowances	2
	Field activities & Programmes	0.25
1.1	Contingencies	
A	Office Contingencies	
a.	Stationery, telephone, stamps and other expenditure on office running	4
b.	POL, repair of vehicles, tractor & equipments including hiring of vehicle	4
B	Technical Programmes	
a.	Rs. 150/- per person per day towards food and refreshments for KVK training programmes for farmers/ extension personnel	1.5
b.	Teaching materials for training and demonstrations	1.25
c.	Training of extension functionaries	0.5
d.	Publication of extension literature for farmers and extension functionaries	0.5
e.	Honorarium for trainers	0.1
f.	On farm testing (Problem oriented)	1.07
g.	Front Line Demonstration on major crops including oilseeds & pulses, fodder crops, animal husbandry, fisheries etc.	3.8
h.	Kisan Melas/ Farmers Fair (at KVK farm)	0.5
i.	Library (Purchase of newspaper, journals, etc.)	0.05
j.	Maintenance of farm	1

k.	Entrepreneurship development programme (EDP)/ Integrated Farming system (IFS)/ Farmers Field School (FFS)	0.3
l.	Mobile App & Website updating/maintenance	0.25
m.	Soil Health Card (SHC)	0.1
n.	SCSP Plan activities	2
C.	Tribal Sub-Plan (TSP Component)	-
	Total of Contingencies	20.92
	Total Recurring items	196.17
2	Non-Recurring Contingencies	
	Works	
	Farmers Hostel	25
	Staff quarters	100
	Compound wall	2
	Bore well	12
	Total	139
	SC-SP Component	5
	Solar Power system	0.5
	Fire extinguisher	0.25
	Air conditioner	0.5
	Total	6.25
	Vehicle (Purchase of two wheeler)	0.7
	Total Non-Recurring Contingencies	145.95
	Grand Total (1+2)	342.12

Signature of the Senior Scientist and Head of the KVK