



TAMIL NADU AGRICULTURAL UNIVERSITY



24th Scientific Advisory Committee (2020)

ACHIEVEMENTS AND PROGRESS REPORT

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

TAMIL NADU AGRICULTURAL UNIVERSITY
KRISHI VIGYAN KENDRA – CUDDALORE
TAMIL NADU, INDIA

24th Scientific Advisory Committee (2020-21)

ACHIEVEMENTS AND PROGRESS REPORT

1. General information about the KVK

Name of the KVK	:	Krishi Vigyan Kendra Vriddhachalam, Cuddalore District
Postal address of KVK	:	Krishi Vigyan Kendra Vriddhachalam - 606 001 Cuddalore District Tamil Nadu
Telephone/ Fax/ E mail/ Website of KVK	:	Telephone number - 04143-238353 Fax - 04143-238353 E mail - kvkvri@tnau.ac.in Website - www.kvkcuddalore.com
Name of Host organization	:	Tamil Nadu Agricultural University
Postal address of Host organization	:	Tamil Nadu Agricultural University Coimbatore – 641 003
Telephone/ Fax/ E mail/ Website of Host organization	:	Telephone number : 0422 – 2431222 Fax : 0422 - 2431672 E mail : registrar@tnau.ac.in Website : www.tnau.ac.in
Year of sanction	:	ICAR - F. No. 22 (17)/83–KVK dt 29.03.1985 of the Deputy Director General, (AE), ICAR, New Delhi
Programme Coordinator	:	Dr. N. Sriram, Ph.D.
Total land with KVK	:	20 ha

2. KVK Mandate

Application of technology/products through assessment, refinement and demonstration for adoption.

Activities of KVK

- Conducting On Farm Testing (OFT) to identify the location specificity of agricultural technologies in terms of location specific sustainable land use under various farming systems.
- Organizing Front Line Demonstrations (FLD) to establish production potential of various crops and enterprises on the farmer's field to generate production data and feedback information.
- Organizing need based training to farmers to update their knowledge and skills in modern agricultural technologies related to technology assessment, refinement and demonstration and training of extension personnel with emerging advances in agricultural research on regular basis, to orient them in the frontier areas of technology development.
- Organizing short term and long term vocational training courses in agriculture and allied vocations for the farmers, farm women, rural youths and self help groups with emphasis on learning by doing for higher production on farms and generating self employment.
- Creating awareness about improved technologies to larger masses through appropriate extension programmes.
- Production and supply of good quality seeds and planting materials, livestock, poultry and fisheries breeds and various bio-products to the farming community.
- Work as resource and knowledge centre of agricultural technology for supporting initiatives of public, private and voluntary sector for improving the agricultural economy of the district
- Providing farm advisory services

3. Staff Position (as December 2020)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	M/F	Discipline	Highest Qualification (for PC, SMS and Prog. Asstt.)	Pay Scale	Basic pay	Date of joining KVK	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	Programme Coordinator	Dr.N. Sriram	Associate Professor	M	Agricultural Extension	Ph. D	131400 - 217100	147900	22.06.2020	Permanent	OBC
2	SMS (Agricultural Engineering)	Dr.K.Natarajan	Assistant Professor	M	Seed Science & Technology	Ph. D	689000-205500	101100	15.04.2015	Permanent	OBC
3	SMS (Plant Protection/ Agro Forestry)	Dr.S. Marudhasalam	Assistant Professor	M	Pl. Pathology	Ph. D	57700-182400	92600	18.05.2018	Permanent	OBC
4	SMS (Agronomy)	Dr. R. Baskaran	Assistant Professor	F	Agronomy	Ph.D.	79800-211500	104100	25.06.2020	Permanent	OBC
5	SMS (Horticulture)	Dr. K. Sundaraiah	Assistant Professor	M	Horticulture	Ph.D.	689000-205500	101100	13.07.2020	Permanent	SC
6	SMS (Animal Husbandry)	Tmt. G. Porkodi	Assistant Professor	F	Soil Science & Agrl.Chemistry	M.Sc (Agri)	57700-182400	63000	08.04.2015	Permanent	SC
7	SMS (Agricultural Extension)	Dr. K. Bharathikumar	Assistant Professor	M	Plant Breeding & Genetics	Ph.D.	57700-182400	92600	21.07.2020	Permanent	OBC
8	Programme Assistant (Lab Tech.)	Mrs.G.Meenalakshmi	Programme Assistant (Lab Tech.)	F	Horticulture	B.Sc. (Agri)	35900-113500	46800	28.02.2011	Permanent	SC
9	Programme Assistant (Computer)	Mrs.Vijayalakshmi	Programme Assistant (Computer)	F	Computer Science	M.Sc. (Computer Science)	35900-113500	57500	10.08.2020	Permanent	OBC
10	Programme Assistant/ Farm Manager	Mr. D.Kumar	Farm Manager	M	Agronomy	M.Sc.(Agri)	35900-113500	62800	20.05.2015	Permanent	OBC
11	Superintendent cum Accountant	Mrs. P. Suganthirani	Superintendent	F	-	Higher secondary	36900-116600	54100	08.03.2019	Permanent	SC
12	Junior Assistant Cum Typist	Mr R. Ravichandran	Junior Assistant	M	-	M.Com	20600-65500	37300	31.07.2020	Permanent	OBC
13	Driver	Th. J. Jayaprakash	Driver	M	-	X	19500-62000	20700	19.11.2018	Permanent	OBC
14	Driver	Th.S.Arul	Driver cum Mechanic	M	-	X	19500-62000	34200	21.02.2007	Permanent	OBC

15	Supporting staff (Office Assistant)	Th. A. Deivasigamani	Office Assistant	M	-	XII	15700-50000	21100	27.01.2011	Permanent	OBC
16	Supporting staff (PUSM)	Th. P. Narayanasami	PUSM	M	-	-	15700-50400	33300	01.07.2011	Permanent	OBC

4. SAC Members

Scientific Advisory Committee has been formed under the leadership of the Honorable Vice-Chancellor, TNAU, Coimbatore to review achievements made by this KVK and to give suggestions for the future action plan. The list of SAC members is furnished below.

A. President: The Vice-Chancellor
Tamil Nadu Agricultural University
Coimbatore – 641 003

B. Members:

1. The Director
ICAR-Agricultural Technology Application Research Institute
MRS, H A Farm post, Hebbal
Bangaluru- 560 024
2. The Director of Extension Education
Tamil Nadu Agricultural University
Coimbatore – 641 003
3. The Director of Extension Education
Tamil Nadu Veterinary and Animal Sciences University
Madhavaram milk colony
Chennai - 600 051
4. The Director
National Research Centre for Banana
Thogamalai Road
Thayanur Post
Trichy – 620 017
5. The Joint Director of Agriculture
Gundusalai, Semmandalam
Cuddalore – 607 001
6. The Deputy Director (Horticulture)
Gundusalai, Semmandalam
Cuddalore – 607 001
7. The Regional Joint Director (Animal Husbandry)
Veterinary Hospital campus
Cuddalore – 607 001

8. The Executive Engineer
Agriculture Engineering
1A, Beach road
Cuddalore – 607 001
9. The Regional Manager
Tamil Nadu Forest Plantation Corporation Limited
10, Chidambaram Iyer Street
Villupuram-605 602
10. The Asst. Director of Sericulture
Ezhuchatram road
Vazhuhareddy, Villupuram-605 602
11. The Director
Small Scale Industries Development Agency
Subburayalu nagar
Thiruppathiripuliyur
Cuddalore district.
12. The Assistant Director of Fisheries,
Boothakeni
Chidambaram Taluk
Cuddalore district
13. The Assistant General Manager
NABARD
223, Netaji Road
Manjakkuppam
Cuddalore – 607 001
14. The District Social Welfare Officer
89, Pudhupalayam Main Road
Cuddalore – 607 001
15. The Regional Manager
Indian Bank, Jawans Bhavan, 1st floor
Lawrence road,
Cuddalore – 607 002
16. The Station Director
All India Radio
Indra Nagar
Pudhucherry.
17. The Director
Doordharshan Kendra

Swamy sivanandha salai
Chennai- 600 005

Farmer Members

- Thiru. G. Sakthivel
18. S/o. Ganapathy Pillai
Sathakudal village
Vridhachalam Taluk
Cuddalore District
19. Thiru. V. Velmurugan
S/o. Venkatesan
Agaram Alampadi village & Post
Bhuvanagiri Taluk
Cuddalore District
20. Mrs. S. Pounammal
W/o. D. Subramanian
Ka llamangalam
Sathakudal Post
Vridhachalam Taluk
Cuddalore District
21. Mrs. D. Sakunthala,
W/o. Deivanayagam
Gunamangalam Post
Kattumannarkoil Taluk
Cuddalore district

C. Member Secretary

22. The Programme Coordinator
Krishi Vigyan Kendra,
Vridhachalam – 606 001
Cuddalore District

KRISHI VIGYAN KENDRA, VRIDDHACHALAM, CUDDALORE DISTRICT

Action Taken on the Recommendations given during 23rd SAC meeting held on 13.2.2020

S.No	Recommendations for SAC meeting	Action Taken																					
1	Promotion of laser irrigation through demonstrations and trainings (The Director of Extension Education, TNAU, Coimbatore)	<p>Trainings on Laser irrigation was conducted through off campus trainings on samba paddy cultivation techniques and Improved seed production technology of paddy.</p> <table border="1" data-bbox="667 513 1549 781"> <thead> <tr> <th>S. No</th> <th>Date & Place</th> <th>No. of beneficiary</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>8.9.20 – Elleri village</td> <td>25</td> </tr> <tr> <td>2</td> <td>15.9.20 – Ananthakudi village</td> <td>50</td> </tr> <tr> <td>3</td> <td>26.9.20- Adhivaraganallur village</td> <td>50</td> </tr> <tr> <td>4</td> <td>15. 10.20 – Pinnalur village</td> <td>27</td> </tr> <tr> <td>5</td> <td>16.10.20 – Sivayam village</td> <td>26</td> </tr> <tr> <td>6</td> <td>21.11.20 – Nagarapadi village</td> <td>50</td> </tr> </tbody> </table>	S. No	Date & Place	No. of beneficiary	1	8.9.20 – Elleri village	25	2	15.9.20 – Ananthakudi village	50	3	26.9.20- Adhivaraganallur village	50	4	15. 10.20 – Pinnalur village	27	5	16.10.20 – Sivayam village	26	6	21.11.20 – Nagarapadi village	50
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2	Popularize the Agro-forestry crop through trainings and demonstration (The Director of Extension Education, TNAU, Coimbatore)	<ul style="list-style-type: none"> ❖ FLD on Demonstration of <i>Melia dubia</i> was taken up in 5 acres in Pothiramangalam, Azhichikudi village of Cuddalore District. ❖ Off campus training was conducted on Agroforestry in Pothiramangalam and Azichikudi village on 14.10.20 																					
3	Encourage seed production through farmer’s participatory mode trainings.(The Director of	<p>Groundnut</p> <p>Farmer’s participatory seed production of groundnut was taken up during Kharif and rabi season in Cuddalore, Villupuram, Thiruvannamalai, Ariyalur, Tanjore and Pudukottai District through</p>																					

<p>Extension Education, TNAU, Coimbatore)</p>	<p>Seed Hub and FLD programme. Totally 103 tonnes of VRI 8 and CO 6 were procured during 2019-20 and distributed to the farmers and KVKs of TNAU under Cluster FLD programmes.</p> <p>During Kharif 2020, 27 tonnes were procured and distributed to the farmers and KVKs of TNAU under Cluster FLD programmes</p> <p>In addition Farmer participatory foundation seed production of groundnut variety VRI 8 was taken up in Cuddalore (Kolavai, Ayyan Kurinjipadi, Chinnavadavadi village), Thiruvannamalai, Villupuram, tanjore, Pudukottai and Ariyalur District through FLD,CFLD and Seed Hub Programme .</p> <p>Paddy TKM 13 and VGD 1 (2020-21)</p> <p>FLD on Farmer participatory foundation seed production of paddy variety TKM 13 and VGD 1 was taken up in 25 acres in Venkarumbur (Mangalur Block), Elleri (Kumaratchi block), Rajendrapattinam, Ambujavallipettai village (Kattumannarkoil block). The crop is in flowering to panicle initiation stage .</p> <p>Blackgram VBN 8 & VBN 10</p> <p>FLD on Farmer participatory foundation seed production of Blackgram variety VBN 8 & VBN 10 was taken up in 10 acres in Pudukurapettai village (Vridhachalam Block), Sivayam village (Kumaratchi block) of Cuddalore District. .</p> <p>Gingelly</p> <p>Farmer’s participatory seed production of newly released sesame variety VRI 3 will be taken up</p>
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		during rabi summer season in Ayyan Kurinjipadi village, Kolavai Village of Mangalur block to an area of 50 acres through FLD and CFLD Programmes.																																																																																										
4	Every Subject Matter Specialist should contribute to increase the Revolving fund (Principal Scientist, ATARI, Hyderabad)	<p>Action taken for increasing the revolving fund through Farmer participatory seed production in paddy, Blackgram , Groundnut, Gingelly, Cashew grafting, Jack grafts, Vegetables seeds and seedling production, vermicompost production, Goat rearing and Azolla production</p> <p>Sales counter was established through RF and crop boosters were saled through our sales centre for revenue generation.</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Particulars</th> <th>Quantity Produced</th> <th>Quantity sold</th> <th>Revenue generated (Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Cashew graft – VR 3</td> <td>12000 nos</td> <td>2603 nos</td> <td>62472.00</td> </tr> <tr> <td>2</td> <td>Jack Graft – PLR 1</td> <td>500 nos</td> <td>243 nos</td> <td>18225.00</td> </tr> <tr> <td>3</td> <td>Teak Seedlings</td> <td>2000 nos</td> <td>1259 nos</td> <td>12590.00</td> </tr> <tr> <td>4</td> <td>Ornamental & Medicinal plants</td> <td>1000 nos</td> <td>82 nos</td> <td>1640.00</td> </tr> <tr> <td>5</td> <td>Vegetable seed packet</td> <td>500 nos</td> <td>370 nos</td> <td>3900.00</td> </tr> <tr> <td>6</td> <td>Bottle gourd</td> <td>10 kg</td> <td>10 kg</td> <td>100.00</td> </tr> <tr> <td>7</td> <td>Gingelly</td> <td>59 kg</td> <td>59 kg</td> <td>8900.00</td> </tr> <tr> <td>8</td> <td>TNAU Groundnut rich</td> <td>-</td> <td>282 kg</td> <td>57420.00</td> </tr> <tr> <td>9</td> <td>TNAU Pulse wonder</td> <td>-</td> <td>1044 kg</td> <td>218540.00</td> </tr> <tr> <td>10</td> <td>TNAU Maize maxim</td> <td>-</td> <td>3 kg</td> <td>945.00</td> </tr> <tr> <td>11</td> <td>TNAU coconut tonic</td> <td>-</td> <td>18 lit</td> <td>5562.00</td> </tr> <tr> <td>12</td> <td>TNAU Sugarcane booster</td> <td>-</td> <td>5 kg</td> <td>2200.00</td> </tr> <tr> <td>13</td> <td>Bio control agents</td> <td>100 kg</td> <td>15 kg</td> <td>2100.00</td> </tr> <tr> <td>14</td> <td>Soil sample</td> <td>-</td> <td>371</td> <td>25292.00</td> </tr> <tr> <td>15</td> <td>Water sample</td> <td>76 nos</td> <td>76 nos</td> <td>4423.00</td> </tr> <tr> <td>16</td> <td>Azolla</td> <td>10 kg</td> <td>2.5 kg</td> <td>250.00</td> </tr> <tr> <td>17</td> <td>Fish</td> <td>-</td> <td>2 kg</td> <td>180.00</td> </tr> </tbody> </table>	S. No	Particulars	Quantity Produced	Quantity sold	Revenue generated (Rs.)	1	Cashew graft – VR 3	12000 nos	2603 nos	62472.00	2	Jack Graft – PLR 1	500 nos	243 nos	18225.00	3	Teak Seedlings	2000 nos	1259 nos	12590.00	4	Ornamental & Medicinal plants	1000 nos	82 nos	1640.00	5	Vegetable seed packet	500 nos	370 nos	3900.00	6	Bottle gourd	10 kg	10 kg	100.00	7	Gingelly	59 kg	59 kg	8900.00	8	TNAU Groundnut rich	-	282 kg	57420.00	9	TNAU Pulse wonder	-	1044 kg	218540.00	10	TNAU Maize maxim	-	3 kg	945.00	11	TNAU coconut tonic	-	18 lit	5562.00	12	TNAU Sugarcane booster	-	5 kg	2200.00	13	Bio control agents	100 kg	15 kg	2100.00	14	Soil sample	-	371	25292.00	15	Water sample	76 nos	76 nos	4423.00	16	Azolla	10 kg	2.5 kg	250.00	17	Fish	-	2 kg	180.00
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		18	Hiring charges – Farm waste shredder	-	24 hrs	6000.00				
		19	Hiring charges – Tractor with Rotavator	-	39 hrs	29250				
		20	Hiring charges – Post hole digger	-	16 hrs	4000.00				
		21	Jeep Hiring charges	-	-	12500.00				
		22	Hall rent	-		6000.00				
		23	Goat	10 nos	2 nos	12900.00				
		24	Guava auction	-	-	28500.00				
		25	Cashewnut	-	400 kg	21596.00				
		26	Health drinks	-	180 nos	1800.00				
		27	Vermicompost	1500 kg	70 kg	890.00				
5	Update contact farmers list in m-Kissan portal (Principal Scientist, ATARI, Hyderabad)	Action was taken and uploaded the contact farmers list in Mkisan portal. Totally 4600 farmers data base were uploaded in Portal								
6	Create awareness to farmers on micro-irrigation and its maintenance to avoid clogging (JDA, Cuddalore)	<p>Demonstration and use of rain gun and sprinkler irrigation was conducted in the farmers field of Sriadhiparaganallur village (Kattumannarkoil Block) and Vandurasankuppam village (Cuddalore block).</p> <p>KVK conducted the following training programmes, in which micro irrigation is insisted to the farmers on oilseeds and pulse crops.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Sl. No.</th> <th>Title of the training</th> <th>Date and place</th> <th>Total Number of farmer attended</th> </tr> </thead> </table>					Sl. No.	Title of the training	Date and place	Total Number of farmer attended
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		1	Micro irrigation techniques in Tapioca & Sugarcane	7.9.20 at Edasittur & Vallimathuram	52		
		2	Improved seed Production of paddy	8.9.20 at Elleri village	25		
		3	Precision Farming in vegetables	12.10.20 at M. Pudur & Lakkur	42		
		4	Fertigation techniques in tapioca	13.10.20 at Paniandur & S. Pudur	37		
		5	Fertigation techniques in tapioca	24.11.20 at Keezhakalpoondi village	32		
		6	Precision Farming in vegetables – Chillies and Onion	16.12.20 at Arasankudi & M.Pudur village	40		
7	Promotion of Integrated Farming System (IFS) through trainings (JDA, Cuddalore)	KVK conducted the following training programmes, in which IFS is insisted to the farmers.					
		Sl. No.	Title of the training	Date and place	Total Number of farmer attended		
		1	Integrated Farming System	17.7.20 at KVK	20		
		2	Integrated Farming System (Dryland)	20.8.20 at Pinjanur village	27		
		3	Integrated Farming System	20.10.20 at Murugankudi	35		
		4	Integrated Farming System (wetland)	22.10.20 at Kurinjipadi	34		
		5	Integrated Farming System (Dryland)	24.11.20 at Keelakalpoondi & M. Pudur	25		
8	Management of Rugose	OFTs (10 Nos.) was taken up in the Sedapalayam village of Kurinjipadi block.					

	white fly in Coconut through demonstrations and trainings (JDA, Cuddalore)	<p>Integrated management practices were taught to the farmers for the effective management of Rugose whitefly in coconut</p> <p>Off campus trainings were conducted at Sedapalayam and Kothandapuram villages.</p> <p>Demonstration on the use of Yellow sticky traps and rain gun was conducted</p> <p>Farmers are advised not to spray insecticides to enable the build up of predators and parasitoids</p> <p>Integrated management module for Rugose spiraling white fly in coconut was published in local dailies for the benefit of farming community</p>																					
9	Production of need-based biocontrol agents in KVK itself for supplying to farmers (JDA, Cuddalore)	<p>Production of Bio control agents viz., <i>Pseudomonas fluorescens</i>, <i>Bacillus subtilis</i> and <i>Trichoderma viride</i> was taken up in KVK and nearly 200 kg were produced and distributed to the farmers</p>																					
10	Sensitization/training on integrated management practices for paddy false smut and blast (JDA, Cuddalore)	<p>Trainings on IPDM for paddy was conducted through on, off campus and online trainings</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Date & Place</th> <th>No. of beneficiary</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>14.7.20 – KVK, Vridhachalam</td> <td>15</td> </tr> <tr> <td>2.</td> <td>7.8.20-KVK, Vridhachalam</td> <td>60</td> </tr> <tr> <td>3.</td> <td>14.8.20 – KVK, Vridhachalam</td> <td>18</td> </tr> <tr> <td>4.</td> <td>8.9.20 – Elleri village</td> <td>25</td> </tr> <tr> <td>5.</td> <td>15.10.20 – Pinnalur village</td> <td>27</td> </tr> <tr> <td>6.</td> <td>16.10.20 – Sivayam village</td> <td>26</td> </tr> </tbody> </table> <p>Integrated pest and disease management for paddy was published in local dailies for the benefit of farming community</p>	S. No	Date & Place	No. of beneficiary	1	14.7.20 – KVK, Vridhachalam	15	2.	7.8.20-KVK, Vridhachalam	60	3.	14.8.20 – KVK, Vridhachalam	18	4.	8.9.20 – Elleri village	25	5.	15.10.20 – Pinnalur village	27	6.	16.10.20 – Sivayam village	26
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11	Organize awareness programmes for weed management in direct	<p>Training on weed management in direct seed rice has been conducted through off campus trainings on samba paddy cultivation techniques and Improved seed production technology of paddy.</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Date & Place</th> <th>No. of beneficiary</th> </tr> </thead> <tbody> </tbody> </table>	S. No	Date & Place	No. of beneficiary																		
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			6	21.11.20 – Nagarapadi village	50																
12	Create awareness on protected cultivation of horticultural crops through trainings in collaboration with State dept. of Horticulture and Plantation crops (DDH, Cuddalore)	<p>Awareness cum trainings on Protected cultivation and organic farming in vegetable crops was conducted at KVK on 18.8.20 and 16.12.2020</p> <p>Skill development and protected cultivation of vegetable crops, Hitech nursery technology training will be conducted during January month to the Extension officials and farmers</p>																			
13	Create awareness on high-density planting in cashew through trainings (DDH, Cuddalore)	<p>High density cashew demo unit established at KVK farm and the farmers are exposed to see the demo unit visually for adoption</p> <p>Awareness cum trainings and demonstration on High density planting in cashew was conducted at Pudukurapettai village on 25.11.20</p> <p>Leaflets on ultra high density garden were distributed to the farmers</p>																			
14	Conduct trainings on pro-tray seedling production technologies (DDH, Cuddalore)	<p>Trainings on pro-tray seedling production and kitechen garden was conducted through on, off campus and online trainings</p> <table border="1"> <thead> <tr> <th>S. No</th> <th>Date & Place</th> <th>No. of beneficiary</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>20.8.20 - KVK</td> <td>20</td> </tr> <tr> <td>2</td> <td>9.9.20- Sonanchavadi vllage</td> <td>50</td> </tr> <tr> <td>3</td> <td>17.9.20 - KVK</td> <td>100</td> </tr> <tr> <td>4</td> <td>20.10.20- KVK</td> <td>25</td> </tr> </tbody> </table>					S. No	Date & Place	No. of beneficiary	1	20.8.20 - KVK	20	2	9.9.20- Sonanchavadi vllage	50	3	17.9.20 - KVK	100	4	20.10.20- KVK	25
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			5	19.11.20 – Athivaraganallur	25
				16.12.20 - KVK	50
		Pamphlets on Kitchen and nutri garden were distributed to the farmers			
15	To impart training on value addition in cashew and jack (DDH, Cuddalore)	<p>Special solar dryer for preparing value added products from cashew established in KVK for demonstration as well as for the benefit of farming community</p> <p>Demonstration on spiced candy from cashew apple will be conducted during Feb – March month through FLD programme</p> <p>Training on value addition in cashew and Jack was conducted at KVK on 13.2.20</p>			
16	Popularize new groundnut varieties to increase area under cultivation (The Professor and Head, RRS, Vridhachalam)	<p>Groundnut</p> <p>Farmer’s participatory seed production of groundnut was taken up during Kharif and rabi season in Cuddalore, Villupuram, Thiruvannamalai, Ariyalur, Tanjore and Pudukottai District through Seed Hub and FLD programme. Totally 103. tonnes of VRI 8 and CO 6 were procured during 2019-20 and distributed to the farmers and KVKs of TNAU under Cluster FLD programmes.</p> <p>During Kharif 2020, 27 tonnes were procured and distributed to the farmers and KVKs of TNAU under Cluster FLD programmes</p> <p>In addition Farmer participatory foundation seed production of groundnut variety VRI 8 was taken up in Cuddalore (Kolavai, Ayyan Kurinjipadi, Chinnavadavadi village), Thiruvannamalai, Villupuram, tanjore, Pudukottai and Ariyalur District through FLD,CFLD and Seed Hub Programme .</p>			
17	Popularize new sesame variety VRI-3 for large	<p>Gingelly</p> <p>Farmer’s participatory seed production of newly released sesame variety VRI 3 will be taken up during rabi summer season in Ayyan Kurinjipadi village, Kolavai Village of Mangalur block to</p>			

	scale adoption (The Professor and Head, RRS, Vridhachalam)	an area of 50 acres.
18	Create awareness to farmers on post-emergence weed management in groundnut (The Professor and Head, SRS,Cuddalore)	Demonstration on Post emergence weed management in groundnut was taken up in Kolavai, Ayyankurinjipadi village through FLD & CFLD Programme Training cum Demonstration of Post emergence herbicide was taken up in Kolavai village on 11.12.20 Training on ICM and IWM in groundnut was conducted at Manakollai village on 9.12.20
19	Promotion of Farmer Producer Companies (FPOs) (NABARD)	KVK had given technological input, marketing avenue to the Eight FPOs in Cuddalore district for promotion of FPO. Exposure visit has been arranged to Vashista FPO at Salem for our farmers on 3.12.20. In this, farmers viewed the activity and marketing of produce through online. FPO – Buyer – Seller meet - Member meeting is planned to conduct during last week of December 2020 Cashew FPO is planned to develop with the help of rural people in Panruti and Vridhachalam block
20	Farmers may be encouraged to adapt drip irrigation and other water saving technologies (NABARD)	Demonstration and use of rain gun and sprinkler irrigation was conducted in the farmers field of Sriadhivaraganallur village (Kattumannarkoil Block) and Vandurasankuppam village (Cuddalore block). KVK conducted the following training programmes, in which micro irrigation is insisted to the farmers on vegetables, oilseeds and pulse crops.

			Sl. No.	Title of the training	Date and place	Total Number of farmer attended	
			1	Micro irrigation techniques in Tapioca & Sugarcane	7.9.20 at Edasittur & Vallimathuram	52	
			2	Improved seed Production of paddy	8.9.20 at Elleri village	25	
			3	Precision Farming in vegetables	12.10.20 at M. Pudur & Lakkur	42	
			4	Fertigation techniques in tapioca	13.10.20 at Paniandur & S. Pudur	37	
21	Demonstration and training on bee keeping and mushroom cultivation to the farmers (NABARD)	<p>Demonstration and bee keeping training was conducted to the farmers on 7.8.20 and 14.8.20. nearly 250 farmers were benefitted through the bee keeping training.</p> <p>Honey bee demo unit was established in KVK for demonstration cum training purpose</p> <p>About 200 mushroom aspirants were trained so far, of which 18 rural youths /farmers were involved in mushroom production.</p>					
22	Create awareness on water harvesting technologies /structures among farmers (AED, Cuddalore)	<p>Created awareness on water harvesting structures through various meetings and trainings conducted by KVKs</p> <p>Training on water shed management was conducted at KVK through online mode on 5.8.20 and nearly 66 farmers were benefitted</p>					
23	Training programmes on the use of agricultural farm implements and machineries (AED, Cuddalore)	<p>Training on agricultural farm implements and machineries was conducted through on and off campus trainings and demonstrated the machine planting of paddy at Ambujavallipettai village on 18.9.20.</p> <p>Machine Planting of paddy was demonstrated in Srimushnam, Keerapalayam block top an area of 500 acres.</p>					

		<p>Groundnut stripper was demonstrated in RRS Farm, Karuppanchavadi and Panruti to an area of 50 acres</p> <p>Groundnut seed drill was demonstrated in RRS farm and farmers field in Kolavai (Mangalur block), Ayyan Kurinjipadi (Kurinjipadi bock) to an area of 150 acres</p>
24	Create awareness on solar drier and solar pumps (AED, Cuddalore)	<p>Solar dryer unit established in KVK for demonstration purpose as well as model unit for technology dissemination</p> <p>Demonstration on dehydrated products in jack fruits using solar drier was conducted through FLD programme</p> <p>Awareness will be created during training programme</p> <p>Solar pump is being popularized by AED in Collaboration with KVK</p>
25	Popularize the Gift tilapia through trainings and demonstration (Fishery Department)	<p>Demonstration on composite fish culture was conducted at Satjhiyavadi and Alanduraipattu village during 19-20.</p> <p>Two off campus trainings were conducted at Alanduraipattu village</p> <p>Demo on Gift Tilapia was conducted at Alichikudi and Manakudianiruppu village during 20-21 through FLD programme</p>
26	KVK to conduct trainings on fish farming and arrange exposure visit to model fish farms in collaboration with fisheries department (Fishery Department)	<p>Model Fish farming unit is established in KVK and RRS farm for the benefit of farming community by cross learning technology</p> <p>Training cum Exposure visit will be arranged during January month</p>
27	Popularize alternate crops	Popularized the alternate crops viz., Blackgram, Cumbu and other minor millets through FLD

	to maize in Mangalur and Nallur blocks (Department of Social welfare, Cuddalore)	Programme during 2020-21. Training cum awareness on oilpalm crop and cultivation methods were delivered to the farmers on Mangalur block on 10.12.2020																																				
28	Information on trainings conducted by KVK to be communicated to AIR, Puducherry in advance to sensitize farmers about the programmes (AIR, Puducherry)	Information on trainings was communicated to the AIR Puducherry for the benefit of farming community. <table border="1"> <thead> <tr> <th>S. No</th> <th>Topics</th> <th>Scientist</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Aaadi pattathirkana velan thozilnutpangal</td> <td>Dr. N. Sriram Programme Coordinator</td> </tr> <tr> <td>2</td> <td>Samba paddy technology</td> <td>Dr. R. Baskaran</td> </tr> <tr> <td>3</td> <td>Improved seed production technology in paddy</td> <td>Dr. K. Natarajan</td> </tr> <tr> <td>4</td> <td>Improved seed production technology in oilseeds</td> <td>Dr. K. Natarajan</td> </tr> <tr> <td>5</td> <td>Fall army worm management in maize</td> <td>Dr. S. Maruthasalam</td> </tr> <tr> <td>6</td> <td>Integrated rugose white fly management in coconut</td> <td>Dr. S. Maruthasalam</td> </tr> <tr> <td>7</td> <td>Production technology of cotton under rainfed condition</td> <td>Dr. K. Bharathikumar</td> </tr> <tr> <td>8</td> <td>Importance of fertilizer and INM in field crops</td> <td>Mrs. G. Porkodi</td> </tr> <tr> <td>9</td> <td>Fodder production technology</td> <td>Mr. D. Kumar</td> </tr> <tr> <td>10</td> <td>Nutri seed pack</td> <td>Mrs. G. Meenalakshmi</td> </tr> <tr> <td>11</td> <td>Agromet services</td> <td>Selvi. S. Arulmathi</td> </tr> </tbody> </table>	S. No	Topics	Scientist	1	Aaadi pattathirkana velan thozilnutpangal	Dr. N. Sriram Programme Coordinator	2	Samba paddy technology	Dr. R. Baskaran	3	Improved seed production technology in paddy	Dr. K. Natarajan	4	Improved seed production technology in oilseeds	Dr. K. Natarajan	5	Fall army worm management in maize	Dr. S. Maruthasalam	6	Integrated rugose white fly management in coconut	Dr. S. Maruthasalam	7	Production technology of cotton under rainfed condition	Dr. K. Bharathikumar	8	Importance of fertilizer and INM in field crops	Mrs. G. Porkodi	9	Fodder production technology	Mr. D. Kumar	10	Nutri seed pack	Mrs. G. Meenalakshmi	11	Agromet services	Selvi. S. Arulmathi
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29	Farm implements have to be given to farmers on custom hiring basis (Mr. Velmurugan, SAC	Farm implements viz., Farm waste shredder, Post hole digger, Groundnut seed drill and power tiller were given to the farmers on Custom hiring basis. <table border="1"> <thead> <tr> <th>S. No</th> <th>Farm implements</th> <th>Name of the farmer/Institute</th> <th>Hours</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Farm waste shredder</td> <td>V. Shankar, Irulakurichi</td> <td>24</td> </tr> <tr> <td>2</td> <td>Post hole digger</td> <td>AP. Manikandan</td> <td>16</td> </tr> </tbody> </table>	S. No	Farm implements	Name of the farmer/Institute	Hours	1	Farm waste shredder	V. Shankar, Irulakurichi	24	2	Post hole digger	AP. Manikandan	16																								
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	Member).			K. Selvakumar, Vridhachalam	
		3	Tractor with rotavator	IFGTB, Coimbatore & Clonal seed orchard – Neyveli	39
		4	Drum seeder	N. Rajendran, Keezhseruivai	7
30	Provide training on millet processing technologies (Mr. Velmurugan, SAC Member).	Training on millet processing and value addition was conducted at Nagarapadi village on 21.11.20			
31	Suitable programmes may be taken-up to increase the income of farm women through backyard poultry rearing (Mrs. Sagunthalai, SAC Member)	<p>Demonstration cum FLD on backyard poultry (Nandanam 4) was conducted at Theevalur and Sathiyavadi village through FLD Programme</p> <p>Training cum awareness on poultry management was conducted at KVK on 9.10.20 and 15.12.20</p>			

SUMMARY OF ANNUAL PROGRESS REPORT – 2019-2020

1. Technology Assessment

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops	6	45	45
Grand Total	6	45	45

2. Frontline demonstrations

Details	No. of Farmers/Locations	Area (ha)	Units/Animals
Oilseeds	35	22	-
Pulses	10	4	-
Cereals	40	16	-
Vegetables	20	8	-
Other crops			
Fodder	10	4	-
Waste decomposer	10	4	-
Agroforestry	10	4	-
Total	135	62	-
Livestock & Fisheries	20	-	-
Other enterprises	10	-	-
Total			
Grand Total	165	62	-

3. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	73	2542	860	3402
Rural youths	23	585	300	885
Extension functionaries	37	1174	638	1812
Sponsored Training	57	995	380	1376
Vocational Training	-	-	-	-
Total	190	5296	2178	7475

4. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	150	172	42	150
Diagnostic visits	65	261	32	65
Field Day	8	421	10	431
Group discussions	18	37	26	18
Kisan Ghosthi	2	62	5	2

Film Show	4	350	25	375
Self -help groups				
Kisan Mela	4	905	48	4
Exhibition	10	Mass	75	10
Scientists' visit to farmers field	126	512	59	126
Plant/animal health camps	3	135	14	3
Farm Science Club				
Ex-trainees Sammelan				
Farmers' seminar/workshop	4	65	12	4
Method Demonstrations	12	500	26	12
Celebration of important days	2	110	6	2
Special day celebration	2	1154	58	2
Exposure visits	5	90	5	5
Others (pl. specify)				
Total	415	4774	443	5217

5. Mobile Advisory Services (No. of messages)

Message Type	Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
Text only	159	-	-	-	-	51	210
Voice only	-	-	-	-	-	-	-
Voice & Text	-	-	-	-	-	-	-
Total	59	-	-	-	-	51	210

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	193.25	946250
Planting material (No.)	6743	134245
Bio-Products (kg)	1935	66118
Livestock Production (No.)	3	2050
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	403	46200
Water	45	2650
Plant	-	-
Total	448	48850

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	-
2	Conferences	4
3	Meetings	-
4	Trainings for KVK officials	-
5	Visits of KVK officials	5

6	Book published	-
7	Training Manual	8
8	Book chapters	-
9	Research papers	4
10	Lead papers	-
11	Seminar papers	6
12	Extension folder	1
13	Proceedings	1
14	Award & recognition	4
15	On going research projects	-

9. Results of Technology Assessment -2019-20

S. No	OFT title	Key results
1	Assessment of suitable Sugarcane variety for Cuddalore District	<ul style="list-style-type: none"> ❖ COC 25 recorded 9.3 % and 5.3 % higher yield than CO 86032 and COV 09356 ❖ COC 25 - High yielder & fast growing thick cane ❖ Moderately resistant to red rot disease and drought tolerant ❖ Hence it can be upscaled in convergence mode
2	Assessment of suitable alternate variety for BPT 5204 in Cuddalore district	<ul style="list-style-type: none"> ❖ Paddy Var. ADT 51 recorded high growth, yield attributing, yield and net return when compared to NLR 3041 and farmer's practice of BPT 5204. ❖ ADT 51 was recorded 24.2 per cent higher yield over farmers practice and 13.0 per cent over NLR 3041 and also ADT 51 was recorded 30 per cent higher net return over farmers practice and 16 per cent over NLR 3041. ❖ The blast incidence were less in ADT 51 (9 per cent) when compared to NLR 3041 (17 per cent) and farmer's practice (22 per cent).
3	Assessment of management modules against maize fall army worm	<ul style="list-style-type: none"> ❖ The IPM strategy adopted showed promising results in terms of fall army worm damage and grain yield than the farmers practice. ❖ This could probably be attributed to the reduced use of insecticides which might indirectly attract the natural enemies. ❖ The cob incidence was very low in demo fields, which significantly contributed to the higher yield than farmers practice. ❖ Another important finding is that the fall army worm incidence was lower in demo fields during the early stage of crop growth because of seed treatment before sowing.

4	Assessment of management modules against coconut rugose whitefly in coconut	
5	Assessment of suitable bottle gourd varieties/hybrids in Cuddalore district	<ul style="list-style-type: none"> ❖ The variety PLR-2 was performed well when compared to Pusa santhusti and farmers practice. Adoptability of the variety is well with low input cost also. ❖ Overall consumer acceptability was good when compared to other varieties.

10. Results of Front Line Demonstration - 2019-20

S. No	FLD title	Key results
1	Demonstration of ADT 53 paddy	<ul style="list-style-type: none"> ❖ ADT 53 recorded 15 per cent higher yield over farmers practice. ❖ Non Lodging compact plant type with well exerted compact panicle ❖ Medium Slender rice with high Milling outturn and Head Rice Recovery ❖ Suitable for <i>Kuruvai/ Kodai/ Navarai</i> seasons ❖ Disseminate the values of seed production with integrated approach towards availability of high quality seeds to the farmers ❖ ADT 53 paddy variety can be upscaled in convergence mode for easy availability of seed
2	Demonstration of ADT 51 paddy seed production (foundation /certified) by farmer participatory mode affected areas in Cuddalore district	<ul style="list-style-type: none"> ❖ Less disease incidence and less use of plant protection chemicals. In few fields blast has been observed as the only disease incidence and it has been treated with pseudomonas and fresh cow dung spray. The maximum yield recorded in this trial was 2270/acre. ❖ Profuse tillering with more side shoots is highly suitable for SRI method of rice planting ❖ Non lodging even in heavy rain and flood and tolerant to pest and disease

		❖ ADT 51 paddy variety can be upscaled in convergence mode
3	Demonstration of ICM practices in paddy cultivation in salt affected soil	<ul style="list-style-type: none"> ❖ TRY 3 recorded 11 per cent higher yield over CO 43 ❖ ICM practices is highly suitable under saline soil condition, ❖ TRY 3 variety performs better under saline soil condition and it can be upscaled in convergence mode
4	Demonstration of blast disease management in rice	<ul style="list-style-type: none"> ❖ IPDM practices recorded 10 percent higher yield than farmers practice ❖ Farmers have realized that integrated management strategy should be followed to combat blast disease, because it is a seed-borne as well as air-borne disease. ❖ Over dependence on fungicide is neither sustainable nor economical
5	Demonstration of seed production (foundation /certified) by farmer participatory mode in groundnut (VRI 8)	<ul style="list-style-type: none"> ❖ The average yield of 42.2 quintals /ha was recorded in VRI 8 than control (30.6 q/ha) which was 38 % increased yield. ❖ Scaling-up of improved groundnut varieties through established seed system in various cropping systems of smallholder farmers ❖ Farmers need full farm mechanization in groundnut particularly for pulling and stripping operations.
6	Demonstration of seed production (foundation /certified) by farmer participatory mode in gingelly (VRI 3)	<ul style="list-style-type: none"> ❖ VRI 3 recorded 50 % per cent increase yield than local variety by line sowing method ❖ The farmers have realized that the variety is suitable for rabi summer season especially during February – March ❖ The number of capsule per plant was more compare to other varieties ❖ VRI 3 Gingelly can be upscaled in convergence mode
7	Demonstration of NCOF waste decomposer for decomposing sugarcane waste	<ul style="list-style-type: none"> ❖ NCOF waste decomposer decomposes sugarcane trash well and its availability is difficult.
8	Demonstration of ICM practices in Blackgram (VBN 8)	<ul style="list-style-type: none"> ❖ VBN 8 recorded 28 % higher yield than farmer practice ❖ Number of pods per plant and uniform maturity

		<p>was accepted by the farmer</p> <ul style="list-style-type: none"> ❖ It can be upscaled in convergence mode
9	Demonstration of CO4 bhendi with ICM (Results of OFT of 2018-19)	<ul style="list-style-type: none"> ❖ CO 4 recorded 38 % higher yield than Sakthi ❖ Number of pods per plant and uniform maturity was accepted by the farmer ❖ It can be upscaled in convergence mode
10	Demonstration of Arka Akash watermelon with integrated crop management practices	<ul style="list-style-type: none"> ❖ Arka Akash recorded 78 % higher yield than NS192 ❖ Arka Akash variety was not affected by pests like fruit fly and diseases like downy mildew and high TSS was preferred by consumers. ❖ Arka Akash variety had the potential to replace the existing hybrid of Arka Manik and other local varieties
11	Demonstration of fodder bank for livestock	<ul style="list-style-type: none"> ❖ Using mixed fodder to feed the livestock, milk yield is increased (0.5-1 litre/animal)
12	Demonstration of TANUVAS Aseel for backyard poultry	<ul style="list-style-type: none"> ❖ Aseel bird has 33 % increased yield in egg laying ❖ The net return for Aseel was Rs. 3151 than 1150 for local bird ❖ Recommended for backyard poultry for large scale
13	Demonstration of composite fish culture	<ul style="list-style-type: none"> ❖ Average weight of individual fish - 950 g in demonstration , whereas in local variety is 720 g ❖ Composite fish culture is profitable one and it can be upscaled

11. Impact of kvk activities

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Groundnut Seed Production by farmer participatory mode	187	78	Rs.45337/ha	Rs. 134488/ha
Gingelly seed production by farmer participatory mode	234	73	Rs. 40558/ha	Rs. 96142/ha
Paddy seed production by farmer participatory mode	534	68	Rs. 25097/ha	Rs. 57073/ha

12. Sponsored projects/programmes implemented by KVK

S.No	Title of the programme / project	Sponsoring agency	Objectives	Duration	Amount (Rs)
1.	Pre Rabi Awareness Programme on Paddy and Groundnut	ICAR	To create awareness among the farmers on latest technology and varieties	One day	80000
2.	Fertilizer Application Awareness Programme	ICAR	To create awareness among the farmers on methods and times of fertilizer application	One day	50000
3.	Jal Shathi Abhiyan Mela	ICAR	To create awareness on water conservation	One day	150000
4.	Tamil Nadu Irrigated Agriculture Modernization Project (TN-IAMP)	Tamil Nadu Government and World Bank	More productivity per drop of water in the lower velar sub basin of Cuddalore district. Popularization of new and innovative agricultural technologies among farmers.	5 years	3,32,32,000/-

13. Progress of work during 2020-2021

13.1. On Farm Trial 2020-2021

Sl. No.	Crop	Village	Block	Title of the OFT conducted	No. of Demo	Area of FLD (ha)	Technology Demonstrated	SMS incharge
1	Paddy	Murugankudi	Nallur	Assessment of suitable organic farming cultivation practices for paddy	5	2	Crop is in Tillering stage	Dr. R. Baskaren, SMS (Agronomy)
2	Paddy	Elleri village	Kumaratchi	Assessment of drought mitigation strategies for direct sowing paddy	10	4	Sowing was taken up during August last week and the crop is in flowering to panicle initiation stage	Dr. K. Natarajan, SMS (SST)
3	Pulses	Pothiramangalam	Mangalur block	Assessment of growth enhancers for salt affected soil in Cuddalore district	5	2	Crop is in vegetative stage	Mrs. G. Porkodi, SMS (SS&AC)
4	Pulses	Melpuliankudi	Srimushnam	Assessment of different drought management strategies in rice fallow pulses	5	2	Critical inputs were received and trial will be initiated during January	Mrs. G. Porkodi, SMS (SS&AC)
5	Oilseeds (Sesame)	Kolavai	Mangalur	Assessment of suitable high yielding white seeded Sesame	5	5	Seeds were received from CRS, Srivilliputhur. Trials will be conducted during the November and December (Karthigai / Masi Pattam)	Dr. Bharathi kumar, SMS(PBG)
6	Vegetable (Elephant foot yam)	Mangalur	Mangalur	Assessment of suitable elephant foot yam (amorphophallus companulatus blume.)	2	0.8	Quotation were called for the purchase of seed tuber	Dr. K. Sundharaiya, SMS (Horti.)

				Varieties for Cuddalore district				
7	Vegetable (cluster bean)	Periyakotimalai	Kammapuram	Assessment of suitable cluster bean (cyamopsis tetragonoloba (L.) Taub) varieties for Cuddalore district	5	2	Beneficiaries were identified. One farmer identified at Mathagalirmanickam village of Srimushnam taluk and input were distributed. Field preparation is in progress	Dr. K. Sundharaiya, SMS (Horti.)
8	Banana	Ramapuram	Cuddalore	Assessment of microbial consortia for the management of panama wilt in Banana	5	2	Planting taken at Ramapuram village	Dr.S. Maruthasalam, SMS (PAT)
9	Weather Advisory	Parangipettai	Parangipettai	Assessment of effectiveness of weather advisory services through different mode of communication tools	5	5	Beneficiaries were selected in Parangipettai block and trial is in progress	Dr. N. Sriram, Programme Coordinator and Mrs. G. Meenalakshmi PA (Tech)

Front Line Demonstration 2020-2021

Sl. No	Crop	Variety	Village	Block	Title of the OFT conducted	No. of Dem o	Are a of FLD (ha)	Technology Demonstrated	SMS incharge
1	Paddy	BPT - 5204	Thoravalur & Murugankudi	Nallur	Demonstration of ICAR Bio-NPK and Bio-Zn for rice	8	8	The crop is at panicle initiation stage	Mrs. G. Porkodi, SMS (SS&AC)
2	Paddy	ADT 53	Ayyankurinjadi	Kurinjadi	Demonstration of ADT 53 paddy seed production (Foundation /Certified) by farmer participatory mode (DFI village)	4	4	Crop is in flowering to panicle initiation stage	Dr. K. Natarajan, SMS (SST)
3	Paddy	VGD 1	Kurumbur, Venkarumbur and Murugankudi village	Vridhachalam, Nallur	Demonstration of VGD 1 paddy seed production (Foundation / Certified) by farmer participatory mode (Linking with FPO)	4	4	Crop was planted and the crop is in flowering stage	Dr. K. Natarajan, SMS (SST)
4	Paddy	ADT 54	Ellari	Kumaratchi	Demonstration of paddy variety ADT 54	4	4	Crop is in flowering stage	Dr. R. Baskaren, SMS (Agronomy)
5	Jowar	CO 32	Thazhanallur	Nallur	Demonstration of ICM in Jowar CO 32 through cluster approach	4	4	Crop Harvested	Mrs. G. Porkodi, SMS (SS&AC)
6	Pulses	Vamban 8	Apathanapuram , Puthukuraipetti & Sivayam	Kurinjadi Vridhachalam & Kumaratchi	Demonstration of Vamban 8 Blackgram seed production (Foundation /Certified) by farmer participatory mode (linking with FPO)	4	4	Crop is in flowering stage	Dr.K.Bharathi kumar, SMS (PBG)
7	Maize	Maize	Komarai	Mangalur	Demonstration of IPM	4	4	Crop is in harvest	Dr.S.

			village		for fall army worm in maize			stage. Fall army worm incidence recorded. Yield data yet to be taken.	Maruthasalam, SMS (PAT)
8	Oilseeds	VRI 8	Kolavai,Ayyan Kurinjipadi	Mangalur & Kurinjipadi	Demonstration of seed production (Foundation /Certified) by farmer participatory mode in groundnut (VRI 8) (linking with FPO)	2	2	Crop is in vegetative stage	Dr. K. Natarajan, SMS (SST)
9	Oilseeds	VRI 8	Kolavai	Mangalur	Demonstration of post emergence herbicide application in groundnut	4	4	Crop is in vegetative stage	Dr. R. Baskaren, SMS (Agronomy)
10	Oilseeds	VRI 3	Kolavai, Ponveli	Mangalur & Kurinjipadi	Demonstration of seed production (Foundation /Certified) by Farmer Participatory Mode in Gingelly (VRI 3)	2	2	Trial will be initiated during Masi pattam	Dr. K. Natarajan, SMS (SST) or Dr. K. Barathi kumar, SMS (PBG)
11	Oilseeds	-	Kolavai	Srimushnam	Demonstration of Integrated Pest and Disease Management in Groundnut	4	2	Trial will be initiated during third week of December	Dr.S. Maruthasalam, SMS (PAT)

12	Coconut	-	Kothavalapuram	Kurinjipadi	Demonstration of ICM practices for management of rugose white fly in coconut	4	4	Inputs purchased. Raingun purchase is in progress	and Dr.S. Maruthasalam, SMS (PAT)
13	Cashew	VRI 3	Vridhachalam	Vridhachalam	Demonstration of Tea Mosquito Bug Management in Cashew	2	4	Trial will be initiated during third week of December. Input purchase completed	Dr.S. Maruthasalam, SMS (PAT)
14	Tapioca	-	Ayyan Kurinjipadi	Kurinjipadi	Demonstration of IPM practices for the management of mealy bug in tapioca	4		Input purchased completed. Treatment will be imposed as soon as mealy bug (phenacoccus manihoti) infestation is noticed	Dr.S. Maruthasalam, SMS (PAT)
15	Vegetable	Snake Gourd - HYBRID CSGH-1	Vijayamanagar, Edachithur, Kavanai	Vridhachalam	Demonstration of Integrated Crop Management practices in Snake Gourd (Trichosanthes cucumarina L.) HYBRID CSGH-1	4	4	Soil sample collection was done in the main field	Dr. K. Sundharaiya, SMS (Horti.)
16	Vegetable	Ridge Gourd - ROXB. HYBRID-COH-1	Arasadikuppam	Panruti	Demonstration of Integrated Crop Management practices in Ridge Gourd (Luffa acutangula (L.) ROXB. HYBRID-COH-1	2	2	Sowing will be initiated during the ensuing season	Dr. K. Sundharaiya, SMS (Horti.)
17	Agroforestry	MTP 1	Puthukuraipettai, Alachikudi &	Vridhachalam	Demonstration of high yielding	2	2	MTP 2 seedlings were planted and	Dr.K.Bharathikumar, SMS

			Pothirimangalam	Melbhuvanigiri & Mangalur block	multifunctional industrial agroforestry tree (melia dubia mtp 2) (sac-recommendation)			established	(PBG)
18	Poultry	Nanthanam 4	Theevalur & Sathiyavadi	Vriddhachalam	Demonstration on nanthanam 4 chicks for backyard poultry	10	10	Chicks are one month old now	Dr. N. Sriram, Programme Coordinator and Mrs. G. Meenalakshmi PA (Tech)
19	Animal Husbandry	Tanuvam mineral mixture	Sathiyavadi & Ilangiyallur	Vriddhachalam, Nallur	Demonstration on tanuvam mineral mixture dairy cows	10	10	Tanuvam mineral mixture is distributed to farmers and observation is in progress	Dr. N. Sriram, Programme Coordinator and Mrs. G. Meenalakshmi, PA (Tech)
20	Jack fruit	Jack fruit	Panruti	Panruti	Demonstration of dehydrated jackfruit product by using portable solar dryer	10	10	Solar dryer purchased and training will be conducted	Mrs. G. Meenalakshmi PA (Tech)
21	Value addition	Cashew apple	Arasakuzhi	Vriddhachalam	Demonstration of spiced candy and preparation from cashew apple	10	10	Trial will be conducted during the ensuing season (February/March) of cashew apple	Mrs. G. Meenalakshmi, PA (Tech)
22	Extension	-			Study on impact of kvk inventories on agriculture and allied sector during covid-19 lockdown period – a critical analysis	10	10	Interview schedule communicated and Surveying is in progress	Dr. N. Sriram, Programme Coordinator and All SMS

