



# Tamil Nadu Veterinary and Animal Sciences University

## Directorate of Extension Education

ICAR- Krishi Vigyan Kendra, Namakkal, Tamil Nadu

FACT SHEET 2019-20



### Activities of KVK

KVK, Namakkal is a peripheral centre of TANUVAS functioning since 2004 located at Laddivadi with geological position N11o09.296' Latitude, E78o09.708' longitude with MSL 509. Namakkal district comes under NWZ, identified as moderately drought prone with the average annual rainfall of the zone is 708 mm in last five years and rainfall of Namakkal district in 2019-20 is 701.87 mm. Sorghum, Paddy, Maize Sugarcane, Groundnut, Cotton, Sunflower, Tapioca, Banana, Onion and Mango are the major crops. Livestock consists mainly of Poultry, Small ruminants and Dairy animals with fodder production.

Organized 171 training programmes covering 5573 participants of which 3980 are male and 1493 are female. Organized 9 on farm trials & 19 front line demonstrations in cereals, millets, oil seeds, pulses, vegetables, tuber, fruits, flowers, commercial crops, fodder, dairy, poultry, sheep and fisheries. 25 instructional units maintained in functional mode to demonstrate the technologies to farmers. 63956 farmers, rural youth and students benefitted by various programmes of KVK, Namakkal in 2019-20.

12 ICAR technologies in agriculture, horticulture, livestock and fisheries sector were popularized through OFT & FLD programmes

### Awards and Recognition

- Received best KVK award for zone X "Pandit Deendayal Upadhyay Rashtriya Krishi Vigyan Protshahan Puraskar" & best NICRA KVK for the year 2018-19.
- Received best government organization award from News 18 channel for the year 2019.
- KVK farmer Th.P.Saravanan, Ariyagoundampatti received Haldhar Organic farmer award and two farmers received innovative farmer award



### Training programmes conducted

Clientele	Course	Male	Female	Total
Farmers	103	1991	835	2826
Rural youth	17	361	196	557
Extn. functionaries	22	712	232	944
Sponsored training	25	878	268	1146
Vocational training	4	38	62	100
<b>Total</b>	<b>171</b>	<b>3980</b>	<b>1493</b>	<b>5573</b>

### Salient achievements

- 282Q fodder, pulses and groundnut seeds procured from farmers
- 16 new entrepreneurs emerged in mushroom, honey bee, desi poultry and piggery
- 19 Bankable projects supplied to start 19 new livestock farms
- 3 Self Help Groups formed under SC-SP and EDP activity started in desi chicken rearing
- Organic farming started by six farmers after completion of ASCI skill training

### On farm trails and Front Line Demonstrations

Assessment	Nos.	Trials	Farmers
Crop	8	50	50
Livestock	1	5	5
<b>Total</b>	<b>9</b>	<b>55</b>	<b>55</b>
Demonstrations	Nos.	Area (ha)	Animals
Oilseeds	174	69.6	0
Pulses	200	80	0
Cereals	10	4	0
Vegetables	151	39.4	0
Commercial crops	15	5	0
Fruits	10	3	0
IFS & Composting	13	1.3	0
Livestock & Fisheries	37	0	67
Poultry	20	0	100
<b>Total</b>	<b>630</b>	<b>202.3</b>	<b>167</b>

### Special projects

Name of the scheme	Amount (Rs.)
NICRA Scheme	11,55,000.00
PPP Mode for Fodder seed production	Self-financing
PPP mode of horticultural planting material production	Self-financing
Cluster FLD on Pulses	4,68,000.00
Cluster FLD on Oilseeds	5,91,200.00
Paramparaghat Krishi Vikas Yojana (PKVY) Scheme	3,30,000.00
NABARD -FSPF	9,76,000.00
ASCI Skill training - 20 trainees - 200 hrs	1,80,000.00
Organic grower	
Soil & Water Testing Laboratory Assistant	2,10,800.00
Programmes under ATMA	2,54,800.00
Sponsored trainings to youth	17,000.00
NGO & Horticulture dept. training	12,700.00

### New infrastructure created

Fodder godown - 55 Sq.m  
Desi Poultry shed - 220 Sq.m  
Mushroom shed - 30 sq.m



Tree fodder bank - 200 sq.m  
Composting & Incubation unit - 160 sq.m  
Incubation unit - 10 sq.m



## Soil & Water Testing Laboratory (SWTL)

Type	Analyzed (No.)	No. of Farmers	Revenue generated (Rs.)
Soil	810	778	1,38,750
Water	311	306	28,870
Plant	10	1	800
<b>Total</b>	<b>1131</b>	<b>1085</b>	<b>1,68,421</b>

### Technologies assessed

- Assessment of timely application of fertilizers to induce lean season & quality flowering in jasmine (R.Gundu)
- Nutrient management in cotton (Surabhi)
- Assessment of Foxtail Millet variety (Co(Te)-7, Suryanandi (SiA-3088) under rainfed condition
- Assessment of management modules against Fall Army Worm in Maize (NK 6240)
- Management complex in mango (Bangalora, Alphansa)
- Assessment of Suitable management practices against Banana (Namaran Banana) Stem weevil in Kollihills
- Assessment of suitable control measure against foot rot in black pepper (Panniyur 1) in Kollihills
- Assessment of vegetable + flower based intercropping system in Namakkal District (Aggregatum onion var. Co4, Chilli hybrid Co1 and Chrysanthemum var. Co1)
- Assessing the Technology for enhancing the milk fat and SNF by supplementing sodium bicarbonate and yeast in cross-bred animals

### Technologies demonstrated

- ICM in castor based intercropping, maize, tomato & Hill Banana (Namaran & red banana) of Kollihills
- Sustainable sugarcane initiative technology in sugarcane
- Development of dryland IFS model system
- Bio intensive IPM module in chilli & sugarcane
- Enriched poultry waste compost preparation
- Row intercropping system in Tapioca with Integrated Crop Management practice
- Biological control of Basal rot in Aggregatum onion with ICM practice
- Mulberry leaves for better milk yield in cross bred dairy animals
- Bypass fat supplementation for better milk yield in HF cross bred cows
- Performance of TANUVAS aseel chicken under field condition for meat purpose
- Rapid detection kit (ketocheck) for ketosis in bovine
- Effect of minerals supplementation on growth and survival of Litopenaeus vannamei in low salinity water
- Integrated culture of grass carp (Ctenopharyngodon idella) and vegetables
- Intensive culture of Pangasius in freshwater pond
- Ecofriendly recycling of fish wastes

### In 2019-20

- Reached 63,956 farmers, rural youth, students & extension officials
- 5573 farmers trained & 25 demo units maintained
- 30 new farms started & 34 success stories documented
- 05 projects handled
- 15 functional SHGs maintained
- 01 organic producer group registered under PKVY

## Mobile advisory services

Category	Message	Farmers	Total
Crop	115	4716	4831
Livestock	15	399	414
Weather	48	3240	3288
<b>Total</b>	<b>178</b>	<b>8533</b>	<b>8355</b>

### Transfer of Technology

Advisory Services	84	Electronic Media	3
Diagnostic visits	54	Extn. Literature	24
Field Day	8	News paper	32
Group discussions	7	Popular articles	11
Jal Shakti Abhiyan	28	Radio Talks	20
Film Show	66	TV Talks	33
Important & special days	21	Farm Radio School	1
Kisan Mela (JSA, -4 FAW-1 & Technology week-1)	6	Health camps – No. of animals	250
Exhibition	12	Lectures delivered	93
Farmers' field visit	97	Quarterly newsletter	4
Plant/animal health camps	3	Research articles	9
Farmers visit to KVK	10112	Success stories	34
Diagnostic visits	54	Students programme	3
Exposure visit	59	JSA Rally	1
Tree plantation drive – seedlings	1350	Bankable projects – Earned Rs. 19,375	19

### Sale of critical inputs

Items	Quintal/Number	Value (Rs.)
Seed (q)	283.742	1,15,38,992
Planting material (No.)	1,01,738	3,02,805
Bio-Products (kg)	5,228.7	3,53,985
Livestock Production (No.)	18,729	13,42,008
Fishery production (No.)	10,02,500	5,97,500
Other inputs (Kg)	6,009.9	5,73,365
<b>Total</b>	<b>11,34,481.34</b>	<b>1,47,08,655</b>

### Status of revolving fund

Particular	OB 01.04.2019	Receipt	Expenditure	CB 31.03.2020
Revolving Fund	13,52,116	29,73,376	25,24,641	18,00,851
PPP fodder seed	8,96,145	97,00,082	74,93,118	31,03,109
PPP fruit saplings	1,49,039	3,58,152	3,20,365	1,86,826
General fund	2,93,093	8,55,291	6,98,570	4,49,814
<b>Total</b>	<b>26,90,393</b>	<b>1,38,86,901</b>	<b>1,10,36,694</b>	<b>55,40,600</b>

