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Krishi Vigyan Kendra, Namakkal has conducted various programmes for the benefit of farming community from January - June 2016. The glimpses of the same is presented below.

Farmers orientation workshop on “Influence of Scientific Feeding Management to get Higher Conception Rate in dairy cattle” sponsored by Tamil Nadu Livestock Development Agency Programme (TNLDA)

Awareness programme on “Influence of Scientific Feeding Management to get higher conception rate in dairy cattle” under TNLDA-NPBB farmers orientation workshop was conducted at Namakkal district on 02.03.2016 at Krishi Vigyan Kendra, Namakkal. A total of 500 farmers owning dairy animals were participated in the programme. The participants were enlightened with the scientific interventions to be carried out in feeding and breeding to prevent infertility problems in dairy animals. Video films on dairy farming, reasons for infertility & solutions and green fodder production were screened to them. Charts on feeding & breeding management of dairy cattle were displayed for the benefit of the participants. At the end of the awareness programme, the scientific tips on strategies to improve the reproductive efficiency of dairy cattle were summarized in nut shell and advised the participants to adopt the technologies wherever possible and fetch more profit.

Awareness Campaign and Exhibition on Plant Protection Varieties and Farmers Right Act 2001 (PPV& FRA 2001)

Plant Protection Varieties and Farmers Right Act 2001 (PPV& FRA 2001) was celebrated on 31.03.2016 at KVK, Namakkal. Totally 358 famers (Male: 157 nos. & female: 201 nos.) were participated. Traditional & local varieties, seeds, planting materials and animals were displayed in the exhibitor. KVK activities and sales stalls were also displayed. The chief guest of the function Dr.L.Gunaseelan, Dean, Veterinary College and Research Institute, Namakkal inaugurated the exhibition and delivered special lecture. Dr. K. Prabhakar, Dean, P.G.P. College of Agricultural Sciences, Namakkal, Thiru.N.Karthikeyan, Joint Director of Agriculture, Namakkal also participated and felicitated the programme. Thiru. Oliver King, Programme Coordinator, MSSRF, Kollihills and Dr.G. Sithar, Thanjavur were delivered the lecture on PPV & FRA.



Sponsored training programme

Vermicompost, Goat Rearing, Dairy Practices, Kitchen Garden and Backyard Poultry rearing techniques were conducted at this Kendra to 87 Physically challenged people of Namakkal district for 2 two days each on 25.01.2016 & 27.01.2016 & 28.01.2016-29.01.2016. The training was funded by Puthu Vaazhvu Project, Namakkal.



Puthu Vaazhvu Project also funded for another training on desi bird rearing for four days (04.02.2016-05.02.2016 & 25.02.2016-26.02.2016). Totally 188 trainees were benefitted by this programme. Also extended, their sponsorship to another training on dairy, buffalo, sheep and goat rearing and fish seed production and fish culture technology for three days from 16.02.2016 to 18.02.2016. 57 beneficiaries were participated in this programme.

Department of Agriculture Marketing and Agribusiness sponsored training on Black gram cultivation & value addition was held on 16.06.2016 at this Kendra to Progressive farmers of valwil Sudesi Farmers Producers Company. Totally 60 farmers were benefitted.

Recent technology in sericulture training was held at this Kendra from 22.06.2016 to 28.06.2016 (7 days training programme) & this was sponsored by Regional Centre, Silk Board, Salem. 30 farmers learnt about sericulture rearing techniques.

Training to the extension functionaries

KVK, Namakkal organized one day training on bag silage preparation methods to Veterinary Assistant Surgeons of Namakkal district on 17.06.2016. The training was conducted to impart the knowledge on importance of bag silage preparation over conventional methods, stepwise procedures in bag silage preparation through a detailed lecture followed by method demonstration of bag silage preparation for skill transfer to the extension functionaries.



Mr.A.Thayumanavan, Reliance Industrial Limited (RIL), Chennai was invited as resource person and a total of 52 Veterinary Assistant Surgeons from state Animal Husbandry Department of Namakkal district were participated.



Monthly zonal workshop

Monthly Zonal Workshop for Assistant Director Agriculture &

Agriculture Officers held at this Kendra on 14.06.2016. Totally 32 nos. (Male: 14 nos. & female: 18 nos.) Extension Officials were participated.



Dr. N. A k i l a ,

Dr.S.Alagudurai, Mr.C.Sankar, & Dr.S.Sathya given technical lectures to the extension officials.

Exhibitions conducted

Two exhibitions were arranged by this KVK during TNLDA & PPV&FRA 2001 programme on 02.03.2016 & 31.03.2016, respectively. Existing and latest technologies in Agriculture, Horticulture, Livestock and Fisheries were displayed for the benefit of farmers & students. In TNLDA programme native breeds of cow and new pharmaceutical formulations derived for cattle were displayed. In PPV & FRA 2001 programme, indigenous plant varieties, seeds, major millets, minor millets, spices, KVK products were displayed.



On Campus training programme

KVK, Namakkal has conducted 31. on campus training from January 2016 to June 2016 in Agriculture, Horticulture, Animal Husbandry and Fisheries fields. Totally 916 farmers were benefitted from various districts of Tamil Nadu. Crop cultivation techniques, Integrated Nutrient Management, Integrated Pest and Disease Management, Post Harvest Techniques, Dairy,

Goat, Quail rearing techniques, fish farming were taught in these training programmes. Bee keeping training and livestock rearing techniques gaining more popularity among the farming community.



Skill training on beekeeping and its value addition was conducted on 06/06/16. Methods of setting bee hive box and honey extraction were imparted. Totally 86 farmers were participated and gathered knowledge & Skill on beekeeping from different districts of Tamil Nadu. Also Mrs. Jospine Selvaraj from VIBIS Honey Bee farm, Madurai has invited to share the recent technologies in rearing bees. After the programme, 15 farmers started bee keeping in their farm



Off campus training programme

Twenty six off campus trainings were conducted in farmer's field to disseminate the technologies related to Agriculture, Horticulture, Animal Husbandry and Fisheries fields. Totally 733 farmers were benefitted and learnt season oriented technologies. The farmers were motivated to adopt practices as learnt in training.



Exposure visit to KVK, Namakkal

Farmers, rural youth, farm women, students from various parts of Tamil Nadu, Bangalore and Hyderabad visited a KVK. Totally 830 members has visited this KVK from January to June 2016 and collected the information about the latest the technologies available in KVK.



Under Student's Internship Programme, 58 Students from Chittagong Veterinary and Animal Sciences University, Bangladesh to Veterinary College & Research Institute, Chittagong visited the KVK, Namakkal on 23.04.2016.



Field day - National Food Security Mission

Field day was conducted to show the performance of groundnut varieties CO7 & K6 in the Cluster FLD Rabi oilseeds under National Food Security Mission at Suriyagoundampala yam village, Mallasamudram Block, Namakkal district on 06.04.2016. Soil Health Cards also issue to the farmers. Totally 56 farmers were participated in the field day function.



Animal health camp

Animal health camp was organised at NICRA village, Vadavathur during the month of May & June 2016. In this camp, deworming and vaccination of sheep (130 nos.) against Enterotoxaemia, goat (60 nos.) against PPR and Poultry birds (30 nos) were inoculated Lasota vaccine against Ranikhet disease. Deworming of desi birds (75 nos) using piperazine was carried out and treatment was given to desi birds affected with respiratory diseases.



Awards

Mrs. B. Dhanalakshmi and Mrs. T. Balamani received best NICRA farmers Award 2016 at CRIDA, Hyderabad during CRIDA foundation day on 12.04.2016. Mr. C. Palanisamy has received best farmer award for adopting modern mechanization technology in Agriculture in Namakkal District at the event of Agri Exhibition and Seminar at PGP College of Agricultural Sciences, Vettampadi, Sendamangalam, Namakkal on 11.06.2016 to 12.06.2016.



Publication

KVK, Namakkal has published 3 research articles, 4 popular articles, 6 abstracts and 10 seasonal messages from January to June 2016.

2016 - International Year of Pulses

The 68th UN General Assembly declared the year 2016 as International Year of Pulses (IYP). The Food and Agriculture Organization of United Nations (FAO) has been nominated to facilitate implementing IYP in collaboration with Governments, relevant organizations, non-governmental organizations and all other relevant stakeholders. The IYP 2016 aims to heighten public awareness of the nutritional benefits of pulses as part of sustainable food production aimed towards food security and nutrition. Scenario of pulse production in India: World Health Organization has recommended that, an individual is to take 85 g pulses/day and Indian Council of Medical Research, New Delhi recommends 47 g/ day/person. But people consumption is only 15-25 g/day/person. This is mainly due to non availability of pulses in the market. Hence increase in production is essential to meet out the demand for ever increasing population in India. Pulse production is more in Madhya Pradesh, Maharashtra and Uttar Pradesh whereas Tamil Nadu ranks last in pulse production. India produce pulses to an extent of 24.38 million hectare with an annual production of 19.50 m. tones and productivity is 623 kg/hectares. The gap between demand and production is 2.5 tonnes. To satisfy the demand, pulses are imported from the countries like Canada, Myanmar, Australia. Pulses are not only essential for human health; it also improves the fertility status of soil. Nodules present in the roots of pulse plants, fixes the atmospheric nitrogen in the soil. So that, to enrich the soil nitrogen by fixing atmospheric nitrogen, pulses cultivation once in a year and insitute incorporation of pulses is advisable.

Reasons for low production of pulses: Generally pulses grown in rainfed condition or intercropping with main crop or mixed cropping with other crops under irrigated condition. Poor land preparation, unbalanced fertilization, poor quality seed, unseasonal sowing, rainfed agriculture, sub optimal maintenance of plant population per square meter, weed growth, pest & disease incidence are the major reasons for low productivity of pulse.



Towards this, KVK has started to create awareness among the farmers about pulses production through conducting various on, off campus training and frontline demonstration in farmers field.

Inputs and Products for sale of KVK, Namakkal

Fodder Seeds & fodder Sapling

Cofs 29	: ₹ 400 / kg
Hedgelucerne	: ₹ 500 / kg
Agathi	: ₹ 350 / kg
Subabul	: ₹ 300 / kg
Fodder Cowpea	: ₹ 150 / kg
Fodder Maize	: ₹ 80 / kg
Cumbu Napier Grass CO 4 & 5	: 50Paisa/Slip
Guinea Grass	: ₹ 1/Slip

Vegetables Seeds (5 Gm Packet) ₹ 10 / Pac

Fruits Saplings

Jack Fruit	: ₹ 150 / Plant
Lemon Hybrid, Jamun, Pomegranate, Orange	: ₹ 100/Plant
Lemon Local, Sapota, Arecanut, Tamarind,	
Mango Varities, Hybiscus, Rose, Gova	: ₹ 50 / Plant
Jasmine	: ₹ 25 / Plant

Plant Protection Products

Coconut Rhinoceros Beetle Trap(PVC Pipe)	: ₹ 2400 /Trap
Coconut Red Palm Beetle Trap(PVC Pipe)	: ₹ 2400 /Trap
Yellow and Blue Trap	: ₹ 55 / Trap
Natural Honey	: ₹ 400 /Ltr
Neem Oil	: ₹ 220 /Ltr

Livestock Products

Desi Chicken	: ₹ 180 / kg
Namakkal Chicken	: ₹ 170 / kg
Chicks (Day old)	: ₹ 40 / Chick
Goat and Sheep	: ₹ 250 / kg

Soil Science Products

Biofertilizers	: ₹ 50 / kg
Pulse wonder, Ground rich, Cotton Plus	: ₹ 230 / kg
Maize Maxim	: ₹ 350 / kg
Sugarcane Booster	: ₹ 410 / kg
Pulses Micro Nutrient Mixture	: ₹ 100 / kg

Fisheries Products

Golden Fish	: ₹ 40 / pair
Moli Fish	: ₹ 10 / pair
Gowra Fish & Carp	: ₹ 50 / pair
White Shark	: ₹ 40 / pair

For more details please contact

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