



TNAU NEWS

TAMIL NADU AGRICULTURAL UNIVERSITY NEWS LETTER

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ஊருக்கெல்லாம் உணவளிக்கும் உத்தம உழவர்களுக்கு
உதவிக்கரம் நீட்டும் பல்கலைக்கழகம்

Visit of Hon'ble Chief Minister of Tamil Nadu to Thiruvarur District



The Hon'ble Chief Minister of Tamil Nadu, Hon'ble Deputy Chief Minister and other Hon'ble Ministers, District Collector and Joint Director of Agriculture with a team visited the Gaja cyclone affected paddy fields of Thiruthuraipoondi block on 07.12.2018. The KVK scientists explained the intensity and gravity of cyclone on CR 1009 sub1 paddy variety and suggested remedies.

The CR 1009 with Sub 1 gene can tolerate submergence for 15 days immediately after transplantation. The variety is capable of giving an average grain yield of 5759 kg / ha in 155 days. Also, it has moderate resistance to brown spot and blast disease besides Brown Plant Hopper (BPH) and White Backed Plant Hopper (WBPH). The variety is suitable for planting in Samba season in flood prone rice cultivated areas. The grain type is short bold with high milling percentage.

Celebration of World Soil Health Day



To create awareness among farmers on soil health management on World Soil Health day, a training and awareness programme was conducted at KVK, Tiruvarur on 05.12.2018. Dr. A. Baskaran, Programme Co-ordinator spoke on soil health management. Dr. V. Ravi, Director, Tamil Nadu Rice Research Institute, Aduthurai chaired. Dr. M. Pandian, Dean, Agricultural College and Research Institute, Thanjavur delivered the special address. Th. Uthirapathi, Assistant Director of Agriculture (Quality Control), Department of Agriculture, Thiruvarur and Th. A. Devendiran, Assistant Director of Agriculture, Needamangalam participated. Soil Health cards were distributed to 163 farmers. Pamphlet on methods of soil sample collection and soil health card was released. Short film and Mobile App on soil health card was displayed.

Information and Training Centre, Chennai



The TNAU Information and Training Centre, Chennai organized a training program on Roof Top Nutrition Garden under the Venture Capital Scheme “Strengthening Commercial Horticulture Training Programme including Consultancy and Food Product Preparation to Urban public, NGOs, Government and Private Institutions” on 07.12.2018. Dr. A. Sadasakthi, Professor and Head organised the training program. Training classes on various topics on roof top nutrition garden were held. In total, 28 beneficiaries participated.

World Soil health day on 05.12.2018



KVK, Tirur organised the World soil health day programme on 05.12.2018. The Programme Co-ordinator Dr. R. Manimekalai welcomed the gathering. Tmt. R. Thilagavathy, DDAB, Tiruvallur delivered the special address and explained on the importance of soil health management. Th. Satheeshkumar, Manager, SBI, Tiruvallur emphasized the benefits of soil testing.

Th. A. Murugesan, DIG (Prison), Puzhal, Chennai presided over the function. He also, released the pamphlets on soil health management and methods of soil sampling and distributed the soil health cards to the farmers. Technical lectures were delivered by the scientists of KVK. Method demonstration was done on Soil Sampling Methods. Exhibition on soil health management and soil sampling

methods was arranged. Totally, 185 farmers of Tiruvallur district participated. Dr. R. Rajasekaran, Assistant Professor organized the function.

Front Line Demonstration on CO 52 field paddy



KVK, Tirur conducted field visit to FLD on Samba sown CO 52 on 07.12.2018 to Melakondaiyar. Dr. R. Manimekalai, Programme co-ordinator and scientists visited rice CO 52 paddy field of Th. Balaji, Melakondaiyar and gave farm advisories.

Visit to Vadamadurai direct sown rice field



Field visit to FLD on ICM in Direct sown rice to Vadamadurai was conducted on 07. 12. 2018 by a team of KVK Scientists viz., Dr. R. Manimekalai, Programme Coordinator, KVK, Tirur, Dr. P. Yogameenakshi SMS (PBG) and Dr. V.A. Vijayashanthi, SMS (Entomology). Anna (R) 4 was found to be tolerant to drought and showed good panicle emergence and seed

setting compared to the variety BPT 5204. The crop was sown using seed drill and PPFM spray @1ml/lit was given during vegetative stage to withstand drought.

On campus training on Dairy cattle management



On campus training on dairy cattle management was conducted on 13.12.2018. Dr. R. Manimekalai, Programme Coordinator inaugurated the programme and spoke on Indian tradition & dairy management. Dr. M. Sabapathi, Assistant Professor (VAS) organised the training programme and delivered lecture on Dairy cattle breeds & Calf management. Resource persons from State Agriculture Department, TANUVAS and State Bank of India and Thirumalapuram Milk Society attended the meeting and delivered special address to farmers. Totally, 99 farmers and farm women of Tiruvallur district participated. Booklets on Fertility management and Scientific methods of calf management were distributed.

ICM in Pulses

On campus training on ICM in pulses- Greengram and Blackgram was organized at KVK, Tirur on 17.12.2018. Pest and disease monitoring with light trap, pheromone traps, sticky traps and management aspects to be followed in pulses were explained. Totally, 25 farmers of Kilambakkam and Punnappakkam village participated and benefited during the programme.



Apiculture



Training on Bee keeping was conducted at KVK, Tirur on 19.12.2018 on Beekeeping, Apiary design and hive maintenance, equipments required for beekeeping, Handling of beehives, Beehive nutrition, Pest and disease management, Value added products with honey and use of bee wax and bee pollen in cosmetics were given. Successful entrepreneur, Mr. Vasanthakumar, Kolathur, shared his experience and demonstrated on honey extraction with hand operated extractor. Twenty five farmers and rural youth of Tiruvallur District participated.

FPO-ATMA farmers

On campus training at KVK, Tirur was conducted to FPO-ATMA farmers of Ponneri block of Tiruvallur district on 27.12.2018. Various pulse production technologies suited to Tiruvallur district including value addition in pulses were explained to farmers. Method



demonstration on seed treatment was done. Pamphlets were issued on ICM in pulses. Totally, 56 farmers participated.

Off campus training

IPM strategies for fruitfly management in bittergourd

Off campus training was conducted by KVK, Tirur, Tiruvallur District and demonstration on Fruitfly trap at Periyakilambakkam village on 19.12.2018. Twenty five farmers of Kilambakkam village participated.



Demonstration on IHR Arka banana special



KVK, Tirur, Tiruvallur District conducted Off campus training and demonstration on “IIHR Banana Special” at Melakondaiyar village on 20.12.2018. Twenty one farmers participated.

Diagnostic field visit – Neck blast and Brown Plant Hopper infestation in Paddy



Diagnostic field visit was conducted on 07.12.2018 in paddy (BPT 5204) field with severe neck blast, Brown plant hopper (BPH) incidence and grain discoloration. Around, 100 acres in Pandeswaram, Keelakondaiyar Villages of Ambathur Block, Tiruvallur District was severely affected. KVK scientists along with Agriculture Department Officials viz., ADA, AOs and AAOs of Ambathur Block visited the fields. BPH incidence was due to closer spacing, poor drainage facility and high humidity. Spraying of Azoxystrobin 25 SC 1gm / litre of water or Tebuconazole + Triflooxystrobin 75 WG 0.4 gm per litre was suggested for neck blast; suggested to drain the field and spraying of Buprofezin 25% SC 8.00 ml in 10 litres of water for BPH management.

Kisan Diwas celebration at Kilambakkam, DFI village of Tiruvallur district

KVK, Tirur organized Kisan Diwas programme in recognition of the former Hon'ble Prime Minister of India, Shri Chaudhary Charan Singh at Kilambakkam village, DFI village of Tiruvallur district on 23.12.2018.



Dr. R. Manimekalai delivered the Welcome Address and a lecture on Composting techniques of farm and domestic waste through vermicomposting. An exhibition was arranged for the benefit of farming community, in which sixty farmers participated.

Assessing the performance of compost cultures in composting process



Demonstration on the use of compost cultures viz., NCOF compost culture and IIHR waste decomposer for composting biological waste material was conducted at Thalakancheri village on 26.12.2018 in the field of Th. Santhanam for the OFT programme on ‘Assessment of compost cultures in composting process’. Paddy straw, banana leaf sheath and other biological waste material were used as the substrate for composting. Ten farmers and farm women of Thalakancheri village participated and benefited.

Demonstration of seed drill sowing in groundnut for Assessment of groundnut varieties



Demonstration of seed drill sown Groundnut for Assessment of groundnut varieties for Tiruvallur District was conducted on 27.12.2018 at Sirukadal village in Th. Chendu farmer field. Two groundnut varieties viz., VRI 8 and TMV 14 were assessed for their suitability in Tiruvallur District, along with the check variety JL 24. Fifteen farmers of Sirukadal village participated.

Swachhta Pakhwada 2018



Swachhta Pakhwada programme was conducted at KVK, Tirur and villages of Tiruvallur district from 16.12.2018 to 31.12.2018. Taking Swachhta Pakhwada Pledge, Briefing of Swachhta Pakhwada Activity to farmers and Tree plantation was taken on 16.12.2018. Digitization of office records, cleaning and sanitation within campus and Common Monday Market place at Tirur, Tiruvallur District, creating awareness on cleanliness and sanitation was dealt in the Kilambakkam village. Composting of kitchen and home waste materials and organic farming practices on kitchen garden at residential colonies were done.

Kisan Diwas was celebrated as part of Swachhta Pakhwada at DFI Killampakkam Village. Awareness programme was conducted on cleanliness and sanitation with line department officials, Deputy Director of Marketing and ADA, Poondi. Awareness programme on Fall Army Worm was conducted by involving all stake holders and farmers on 31.12.2018.

Training on Value addition at CSC & RI, Madurai



The Department of Food Science and Nutrition, Community Science College and Research Institute, Madurai conducted a Training on Value addition of millets and Preparation of Masala powder during 12.12.2018 and 26.12.2018 jointly with the



Department of Horticulture, Agricultural College and Research Institute, Madurai catering to the needs of entrepreneurial beneficiaries.

Dr. T.N. Balamohan, Professor and Head, Department of Horticulture welcomed the gathering. Dr. S. Suresh, Dean (in-charge), Agricultural College and Research Institute, Madurai delivered the special address, Dr. S. Amutha, Dean (in-charge), delivered the presidential address and stressed on the significance of high fibre millet based health foods.

Commercial preparation of masala mixes was demonstrated. Dr. S. Kamala sundari, Asst. Professor (FSN) and Dr. K. Jothilakshmi Assistant Professor (FSN) of Department of Food Science and Nutrition, organized the training. In total, 50 participants were exposed on the food processing skills to promote self employment and entrepreneurship.

Field Day on Ragi – Paiyur 2 under TANII Millets Scheme

Regional Research Station, Paiyur conducted a field day to popularize Ragi variety Paiyur 2 by new production techniques and seed production at Naickkanoor village of Uthangarai block of Krishnagiri District on 06.12.2018 under TANII Millets Scheme. Dr. K. Ramaraj, Director of Research, TNAU presided over the field day function. Dr. K. Ganesamoorthy, Director (CPBG), TNAU, Coimbatore,



Th. Pradeep Kumar Singh, Deputy Director (GOI), Krishnagiri and Dr. T. Sundarraj, Programme Coordinator, ICAR KVK, Krishnagiri delivered the special address. Dr. R. Ravikesavan, Professor and Head, Department of Millets, TNAU, Coimbatore explained the activities of TANII Millets Scheme. Dr. N. Tamilselvan, Professor and Head, RRS, Paiyur gave the Welcome Address and Dr. R. Sivakumar, Assistant Professor (Crop Physiology), RRS, Paiyur proposed the vote of thanks. A total of 100 farmers gathered during the programme.

Food Nutrition and Dietetics students bagged Overall Runner Up in Inter collegiate FIT FEST 2018

B.Sc (Hons) Food Nutrition and Dietetics of 2016 & 2017 batch students of Community Science College and Research Institute, TNAU Madurai participated in the Inter collegiate FIT FEST 2018 organized by the American College, Madurai on 14. 12. 2018. Two students bagged

first prize in ethnic cooking, Nutri Quiz events and one in Hunger hunt. Yet another student bagged II Prize in spot photography. Out of 12 participating colleges, CSC & RI students bagged the overall runner up shield.

Food Nutrition and Dietetics students participation in Aditya Stars Kondattam



Sun Network and Aditya Channel combinedly organized Aditya Stars Kondattam an entertainment event at Kadambavanam Resort, Madurai on 16.12.2018. A total of 8 colleges participated in the events. Nine students of B.Sc (Hons) Food Nutrition and Dietetics of 2016 & 2017 Community Science College and Research Institute, TNAU Madurai participated in the events like AD act, Fashion show, Group dance and Konjam Nadinga boss. A team of four students bagged second prize for AD act besides one Special prize for Fashion Show.

Integrated Farming System



The Director of Extension Education, TNAU, Coimbatore along with Programme Coordinator and Subject Matter Specialists of KVK, Tirur visited Mr. Sreenivasan, innovative farmers' field at Thanneerkulam village, Ekkadu block of Tiruvallur District. The Farmer is practising organic farming and Integrated Farming System inclusive of Paddy CO 52, Dairy, Goat, Backyard poultry, Vermicompost unit and Azolla unit. The farmer utilizes the cattle and goat waste for manuring the crop and compost making. The farmer explained about the CO 52 paddy variety and poultry incubator.

The Director of Extension Education appreciated the farmer for his interest in Integrated Farming System and suggested to rear Kadaknath breed based on the market demand at Tiruvallur. The Director interacted with the farmer regarding organic certification and marketing of his farm produce. He also visited activating farmer Th. Padmanaban's field raised with CO 52 paddy.

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