



TNAU NEWS

TAMILNADU AGRICULTURAL UNIVERSITY NEWS LETTER

Patron : **Dr. K. Ramasamy**, Vice Chancellor
Editor : **Dr. G. Kathiresan**, Director Planning & Monitoring

ஊருக்கெல்லாம் உணவளிக்கும் உத்தமர் உழவர்களுக்கு
உதவிக்கரம் நீட்டும் பல்கலைக்கழகம்

National Intellectual Property Award, 2013 for TNAU



The National IP Award has been constituted by Indian Patent Office, Government of India. Department of Industrial Policy and Promotion (DIPP) and Intellectual Property Office, Government of India, in collaboration with Confederation of Indian Industry (CII). This award was conferred to Tamil Nadu Agricultural University as the Top Indian Academic Institution in Patent, 2013 and the award was received by Dr. K. Ramasamy, Vice Chancellor of TNAU from Mr. Saurabh Chandra, Secretary, Department of Industrial Policy and Promotion (DIPP) and Mr. Chaitanya Prasad, Controller General of Patent, Trade Mark, Design and GI, Intellectual Property Office, Government of India in the function held at Hotel Le Meridian, New Delhi on 26th April 2013. The award carries one lakh cash, a memento and citation.

TNAU is involving in the activity such as increasing trends in filing and commercialization of patents, socially relevant fields for research conduction, adequate leverage of IPRs by way of licensing, high and healthy expenditure on R&D, number of new products launched based on patents granted to the university large, appropriate engagement in collaborative R&D, a flourishing IPR culture and large number of scientists involved. Nine inventions of (TNAU) received patent and 57 inventions were filed for patent as on date and many more innovative inventions are in the pipeline. Further to benefit the farming community and other stakeholders, TNAU is involved in commercialization of IP protected novel agricultural inventions and management of IP including auditing and benefit sharing.

TNAU is playing an important role in creating awareness among the scientists and stakeholders about the need for IPR system by creating separate Department of Trade and Intellectual Property at the Directorate of Centre for Agricultural and Rural Development Studies (CARDS), TNAU, Coimbatore. The objectives of the department are to imparting skills with respect to patent system, plant varieties registration and other forms of IPRs and trade issues through educational, research and training programmes which are necessary for students, agricultural scientists and other stakeholders.

Honourable Minister for Agriculture visit to HRS, Ooty

Thiru. G. Damodharan, Honourable Minister for Agriculture visited HRS, Ooty on 12.5.13. The Honourable Minister visited the exhibition which

housed a vast collection of more than 500 varieties of medicinal and aromatic plants, exotic varieties of ornamental flowers like lisianthus, exotic vegetables, organic inputs like panchagavya, dasagavya, vermiwash and vermicompost production units. Thiru. K. R. Arjunan, Board Member, TNAU has



T
N
A
U

N
E
W
S

accompanied the Minister. Dr. N. Selvaraj, Professor and Head, HRS, TNAU Ooty explained various research and extension activities being carried out at the HRS, Ooty. The staff members of HRS, Ooty attended the exhibition. The minister appreciated the various activities being carried out by the HRS, TNAU, Ooty.

Forum of Indian Bank Retired Executives (FIBRE) Visit to TNAU

Th. M Gopalakrishnan, Former Chairman and Managing Director, Indian Bank along with Retired Executives from Indian Bank visited Coimbatore on 16-3-2013. Dr. Krishnaveni, P&H, Dept of Plant Bio-technology and Dr. E. Somasundaram, PRO & Professor (Agronomy) welcomed the gathering and explained the activities of TNAU. Dr. Sudhakar Prof., Bio-technology, highlighted the upcoming and the ongoing R&D in tissue culture. Dr. P. Sivasubramanian, Director, ABD, and Prof. C. Ponnaiah, (ENS) explained the role of ABD in empowering agri. business incubators. Dr. Viswanathan P&H, PHTC, acquainted the team with the entire process of value addition in food products. Dr. K. S. Subramanian, P&H, Dept. of NS&T brought out the special features of Nano Sciences. The FIBRE found this visit as a real eye - opener.

All Season Rice

A field day, was organized to popularize the pre release rice culture TP 08010 in progressive farmers field at Vazhukamparai, Kanyakumari



District on 16. 03. 2013. The local farmers participated in the programme. Dr. C. Gailce Leo Justin, P&H, ARS, Thirupathisaram emphasized the advantages, salient features and the suitability of the culture for both kharif and rabi season in Kanyakumari district. Dr. N. Senthil Kumar, AP (Agronomy) briefed the cultivation practices for TP 08010. The programme also added the participation of extension functionaries from Agriculture Department. Thiru. V. Krishnan, JAO and Tmt. V. P. Mowli, AAO of ARS, Thirupathisaram made logistic arrangements for the programme.

Bringing more Machine Hands



Four days training programme on "Training cum demonstrations on farm mechanization in rice" funded by TNSCST, Chennai was conducted at ARS, Thirupathisaram for 50 farmers from 21. 02. 13 and 25. 02. 13. Thiru. M. Syed Ahmed Meerangi JDA, Kanyakumari District offered inaugural address and released the booklet on Rice Mechanisation and highlighted the utmost

need of mechanisation for rice cultivation during the current scenario. Dr. C. Gailce Leo Justin, Professor and Head stressed the significance of such trainings to motivate the farmers and to exchange the ideas to obtain the highest productivity in rice. Dr. N. Senthil Kumar Assistant professor (Agronomy) welcomed the gathering. Thiru. S. Nagamani Pillai, Deputy Director, Thiru. S. Anandha Raja AEE, Nagercoil and Dr. R. Kannan, P&H, KVK, Pechiparai offered

felicitations. Thiru. V. Krishnan, JAO proposed a vote of thanks. Resource persons from TNAU and the officials of state Agriculture and Agricultural Engineering Departments shared their experiences and conducted demos on rice mechanization. The demonstration included packages and operations on laser leveller, mat nursery, tray nursery, conoweeder, power weeder, paddy transplanter, power tiller, mini tractor combine harvester etc.

High density planting and Canopy Management meet



A one day National Consultation meeting on “High density planting and canopy management in Horticultural Crops” was organized by the South Indian Horticultural Association, HC&RI, TNAU, Coimbatore in collaboration with ICAR, New Delhi at Golden Jubilee Hall, TNAU, Coimbatore on 25. 03. 2013.

The Meeting was inaugurated by Dr. S. D. Shikamany, Former Vice-Chancellor of Dr. Y. S. R Horticulture University, Andhra Pradesh. Dr. K. Ramasamy, the Vice-Chancellor, TNAU presided over the function. Dr. S. B. Dandin, the Vice-chancellor of University of Horticulture Sciences, Bagalkot, Karnataka gave special address during the inaugural function. During the technical sessions high density planting (HDP) and canopy management of mango, guava, grapes and cashew; Implication of HDP on sustaining soil fertility; Implication of canopy management on physiology of horticultural crops; Implication of HDP and canopy management practices on pest and diseases were discussed. More than 125 scientists working on this theme from all over India participated and contributed their views and gained knowledge to develop the strategies for future research in the thrust area of Horticulture.

Skilling Farmers on 'Hi-Tech banana Cultivation'

A one day farmers training programme on “Hi-tech banana cultivation” was organized by the department of Fruit Crops, HC&RI, TNAU, Coimbatore in collaboration with Federal Bank Ltd, Coimbatore at Golden Jubilee Hall, TNAU, Coimbatore on 22. 03. 2013. Dr. N. Kumar, Dean (Horticulture), HC & RI, TNAU, Coimbatore gave welcome address. Dr. K. Ramasamy, the Vice-Chancellor, TNAU presided over the function.



Thiru M. Manoharan, Zonal Head, Federal Bank, Chennai gave special address during the inaugural function. The training events were co-ordinated by Dr. K. Soorianathasundaram, P&H, Department of Fruit Crops, HC & RI, TNAU, Coimbatore and Dr. H. Philip, P&H, Training Division, Directorate of Extension Education. During the technical sessions lectures on Varietal Selection and Planting Operations; Nutrient management and Fertigation; Micronutrients and their management; Special practices and growth regulators; Pest, disease and nematode management; Harvesting and post harvest practices; Marketing opportunities and avenues; Financing Agricultural Operations were delivered by the Scientists. More than 100 farmers growing banana from all over Tamil Nadu participated and gained knowledge on banana high-tech cultivation techniques. On this occasion, a tamil booklet on Hi-tech cultivation practices for banana was released by Dr. K. Ramasamy, Vice-chancellor.

Keeping bee for keeping income



With a view to add more income with little effort the ARS at Thirupathisaram organized a hands-on training on bee keeping to the local farmers in the betwixt of 13. 03. 2013 through 13. 03. 2013 under the sponsorship of TNSCST, Chennai. Thiru. M. Syed Ahmed Meerangi JDA, Kanayakumari District. delivered inaugural address and released the booklet on Bee keeping technologies and highlighted the importance of Beekeeping for honey production.

Dr. C. Gailce Leo Justin, P&H emphasized the added benefits through such training in boosting crop pollination. Dr. N. Senthil Kumar, AP (Agronomy) welcomed the gathering. Thiru. S. Nagamani Pillai, Deputy Director, Dr. P. Nainar, P&H, FRS, Thoivalai and Dr. J. Jane Sujatha, P&H, HRS, Pechiparai and Dr. R. Kannan, P&H, KVK, Pechiparai offered the felicitations. Tmt. V. P. Mowli, AAO proposed a vote of thanks. Resource persons from TNAU, Department of Khadi, Nagercoil and YMCA, Marthandam given desk-work and practical exposure to the participants in the complete supply chain of bee rearing.

Afghan Scientist Sensitized SRI Practices



A team of Scientist from the Republic of Afghanistan visited the TN-IAMWARM SRI demonstration fields raised at Padur medu, Vadamadurai, Thandalam, DR Kuppam and Soolaimeni villages by the KVK, Tiruvallur on 10.04.13. Various transplanting methods using rope, SRI markers, three line markers and triangular marker were demonstrated using 14 day old young seedlings. The importance of square planting with 25 x 25 cm spacing was emphasized. The operation of various types of weeders viz. , conoweeder (dual cone type), rotary weeder and power weeder were demonstrated. Insitu trampling of weeds and puddling of soil was observed by the scientists. The alternate wetting and drying followed in SRI system was shown to them. More

tillers as compared with normal crop was realized by the team. The scientists were explained with all the concepts of SRI and sensitized to carry out the field activities at right time to get maximum yield.

Workshop on Community Radio



A three day workshop on community radio was organized by the Department of Extension Education in collaboration with National Institute of Agricultural Extension Management (MANAGE), Hyderabad from March 25 through 27, 2013. The Vice Chancellor inaugurated and delivered the presidential address. In his presidential address he called upon the participants to prepare need based programmes in accordance with indigenous technical knowledge, local culture and customs. He stressed education and employment opportunities in various fields could be broadcast for benefiting students and rural youth. Dr. H. Philip, P&H (Training) welcomed the gathering. Deputy Director Documentation, MANAGE, Hyderabad gave an outline of the workshop. Dr. A. Palaniswamy Professor, Agricultural Extension & Community Radio Station proposed a vote of thanks. The objectives of the workshop were to inculcate knowledge and skill techniques of running a Community Radio station successfully. The twenty two participants from six KVKs, Community Radio stations and State Department of Agriculture took active part in all the interactive sessions and shared their experiences in content generating issues and operational modalities. The thrust areas of the workshop covered broad areas like role of Community Radio

in transfer of technology, Scope for Community Radio in global context, conduct of interviews, Script writing, Programme production in different formats, Best practices and creative Community Radio programmes, audience feedback and sustainability issues. Participants were taken to TNAU Community Radio and were explained about the functional modalities. In addition they were given hands - on training on role play mode and interactive mode.

Fueling Biogas Techniques

Biogas Development and Training Centre (BDTC) established at Department of Bioenergy, AEC & RI, TNAU has organized 100 One day user's training programmes on Biogas Technology for farmers at various blocks of Tamil Nadu State. The Project Co-ordinator, Biogas Development and Training Centre (BDTC) with fellow scientists involved in organizing the training programmes benefiting the farmers in the operation and maintenance of Biogas plant. District Rural Development Agency (DRDA) Officials viz. , Biogas Technicians, Biogas BDO's, Deputy BDO's (ADW) and representatives of leading NGO's of different districts associated Biogas Development and Training Centre in organizing the training programmes. During the training programmes 4245 beneficiaries were trained on O&M of biogas plants. Ministry of New and Renewable Energy (MNRE), Government of India, New Delhi provided the funding support for the training programmes. Around 66 beneficiaries of various districts responded immediately and came forward to construct Biogas plants.

Improved Packages to Farmers

Two State Level Exposure Visit to Dryland Agricultural Research Station, Chettinad and Krishi Vigyan Kendra, Kundrakudi was organized for farmers of Virudhunagar district during 23. 1. 13 & 24. 1. 13 (I Batch) 27. 3. 13 & 28. 3. 13 (II Batch). About 200 farmers (90 Male & 110 women) from Aruppukottai, Kariyapatti, Virudhunagar, M. Rettiyapatti and Thiruzhuli blocks were participated in the Exposure Visit. During the visit,



Dr. P. Arunachalam, Asst Professor (PB&G), DRAS, Chettinad, explained the improved Package of Practices for Redgram and Groundnut. Dr. P. Kannan, Asst Professor (SS&AC), DRAS, Chettinad, delivered guest lecture on Integrated Nutrient Management Practices and various scheme activities of Dryland Agricultural Research

Station. He also demonstrated various farm machineries operations. The farmers get attracted and motivated through the use of Groundnut decorticator and raised lot of quires. The farmers visited the various experiential fields at DRAS, Chettinad and interacted with the Scientists. Dr. P. Sudha, AP from KVK Kundragudi delivered a lecture on Goat & Poultry rearing. Dr. P. Thenmozhi, AP (FSN), KVK, Kundragudi demonstrated the processing techniques of value added products from milk. Farmers were taken to the model plants of Hatchery unit, Azolla production as feed, Poultry Model units, low cost vermin unit and Cauvery bred rearing. The Exposure visit was organized by Dr. D. Jegadeeswari, & Dr. Ga. Dheebakaran, Asst Professors, KVK, Aruppukottai under ATMA Scheme.

Crop loss assessment by the Cabinet



The high level ministerial committee constituted by Honorable Chief Minister of Tamil Nadu visited the Parched district of Perambalur on 12. 04. 2013. An interaction meeting was arranged with high level committee and farmers of Perambalur district at Cotton Research Station, Veppanthattai. Thiru. O. Panneerselvam, Honorable Minister for Finance, Government of Tamil Nadu, Chairman of the committee and the members Thiru. Natham R. Viswanathan, Honorable Minister for Electricity, Prohibition and Excise; Thiru K. P. Munusamy, Honorable Minister

for Municipal Administration, Rural Development, Law, Courts and Prisons; Thiru S Damodaran, Honorable Minister for Agriculture; Thiru Thoppu N. D Venkatachalam, Honorable Minister for Revenue participated and interacted with farmers regarding the crop losses due to drought. Previously, Dr. Darez Ahmed, District Collector of Perambalur gave a preamble about the losses due to drought in Perambalur Dt. A lead farmer Thiru. Raja Chidambaram briefed the constraints faced by the farmers of Perambalur Dt. in agriculture and also made a request to provide relief for drought affected areas. The Minister for Finance gave assurance to the farmers to extend all necessary helps with the guidance and approval of the Honorable Chief Minister of Tamil Nadu. During the course of this occasion, Dr. T. Jayaraj, Director, TRRI, Aduthurai explained the role of Cotton Research Station, Veppanthattai and Dr. R. Kavimani, P&H, CRS, Veppanthattai brought out the gist of research programmes on line.

Edging through Precision Farming



To promote Judicious use of resource and to increase per unit productivity, Precision Farming Technologies were popularized by KVK, Kovilankulam under NADP funding during March 2013. A total of 460 farmers (255 Male and 205 Female) from Virudhunagar, Tirunelveli and Tuticorin districts were participated in 12 batches. Hands-on training was given on scope of PF concept for agricultural crops, drip irrigation & fertigation, PF technologies for rice, maize, pulses, groundnut, castor, sugarcane and cotton. Participants were taken to Water Management Scheme, AC&RI, Madurai and nearby PF farmers field as exposure visit. The training was organized by Dr. V. K. Paulpandi, Programme Coordinator and Dr. Ga. Dheebakaran, AP (Agronomy). During the training guest lectures were given by KVK scientists Dr. M. Rajendran, Dr. D. Jegadeeswari, Dr. K. Ramakrishnan, Dr. S. Mutturamu and Dr. Arun Girithari. The farmers got first hand information from Dr. A. Gurusamy and Dr. R. Babu, Associate Professor, AC&RI Madurai on drip system and its maintenance. The trainees also well interacted with KVK scientists, Agronomist from Jain Irrigation Pvt Ltd and successful PF farmers.

A Rainy Day for the tear sources

A front line demonstration has been laid out by KVK, Dharmapuri in the field of Mr. Vadivel, Adagapadi village in Dharmapuri district in order to



demonstrate integrated crop management technologies viz. soil application of VAM, bulb treatment with PGPR consortia, foliar application of PGPR consortia and *Beaveria bassiana* for tip drying and thrips management, application of Arka vegetable special (micronutrient mixture) and pheromone traps for leaf feeder, *Spodoptera*. Demonstration of above technologies has resulted in a good crop and recorded a higher yield of 20.5 tonnes per hectare as against of one tonnes the check. Moreover the farmer realized a net income of Rs. 3,90,000/- and the Integrated Crop Management (ICM) practices has reduced the cost for pest and disease management by 60 per cent. To popularise these technologies among the fellow farmers, a field day was organised at the farmer's field. The adaption of key technologies and its importance of field days was highlighted by Dr. N. Tamilselvan, P&H, KVK, Dharmapuri. The Deputy Director of Agriculture, Th. N. Meganathan, briefed the marketing scope of small onion. Mr. Asaithambi, Horticulture Officer, Nallampalli explained the government subsidies extended for small onion and other horticultural crops of the district. Dr. K. Indhumathi, AP (Horticulture) of the Kendra explained the ICM practices to the farmers and Dr. M. Sangeetha, AP (Soil science) stressed the importance of INM for getting a better yield in small onion.

Deriving Livelyhood for SHG through Value added food products

A three days training programme on "Preparation of value added products using composite flour" was organised at Home Science



**T
N
A
U
N
E
W
S**

College and Research Institute, Madurai with financial assistance from Tamil Nadu state council for Science and Technology, Chennai under dissemination of innovative technology from 26. 3. 13 to 28. 3. 13. A total of 50 self help group women and small scale women entrepreneurs participated in the training programme. Dr. S. Amutha, P&H (Human Development), welcomed the participants and emphasized the importance of benefits of composite flour over the refined flour. Dr. P. Banumthi, Dean, HSC & RI, Madurai, in her presidential address, stressed the importance of utilization of flours from tuber crops along with cereals, millets and pulses in the preparation of value added food products. Dr. S. P. Sundaram, Dean (in-charge) AC & RI, Madurai and Dr. M. R. Premalatha, P&H (FSN) felicitated. Professor & Head (HDT) took over the technical session and delivered lectures on millets based convenience foods and equipments used in baking industries. Demonstration on preparation of composite flour, preparation of biscuits, noodles and weaning foods using composite flour were made by Mrs. S. Jesupriya Poornakala, AP (HDT). The Dean (HSC & RI) issued certificates to the participants. Mrs. S. Jesupriya Poornakala, training coordinator proposed a vote of thanks.

Uzhavar Peruvizha, a tour de force to the farmers

Uzhavar Peruvizha in Madurai district was inaugurated by the Hon'ble Minister for Cooperative, Government of Tamil Nadu at Thiruvudgam Village , Vadipatti block on



14. 04. 2013. He delivered special address during this occasion. The KVK, Madurai exhibited new technologies like SRI, SSI, Precision farming, Crop boosters, biofertilizers, PPFM, banana fibre rope products, millet based value added products and success stories of the Madurai District farmers. Prortray nursery techniques in vegetables and sugarcane, insect probe for storage pests, implements like sugarcane detrasher, amla seed remover and seed cum fertilizer broadcaster were demonstrated by KVK, Madurai. The Dean, AC&RI, Madurai delivered lecture on new technologies in crop production and the Programme Coordinator, KVK, Madurai was arranged exhibition and demonstration during Uzhavar Peruvizha function. The Hon'ble MLA of Thirumanglam and Solavanthan, the District Collector, Joint Director of Agriculture, line department officials and other local body representatives were participated.

AICRP - TCS Field day on tuber crops

AICRP - Field day on tuber crops was held at P. Vellalalayam village, Gobi (Tk), Erode District on 25. 03. 2013. Special address was given by the Project Co-ordinator, Dr. James George AICRP on tuber crops. Dr. P. Jansirani, P&H, Dr. K. Venkatesan, Assoc. Prof (Hort.), Dr. V. A. Sathiyamurthy, AP (Hort.), Dr. S. Natarajan, Emeritus Scientist, Dr. T. Saraswathy, Assoc. Prof (Hort.), Dr. S. Harish, Asst. Prof (Pl. Pathology) and Mrs. R. Sujatha, SRF (Hort.) of Department of Vegetable Crops, HC & RI, TNAU were also participated in the meeting.

Placement in Hindustan Coco-cola beverages Private Ltd

Fourteen students of B. Tech. (Food Process Engineering) graduated from Agricultural Engineering College & Research Institute, TNAU has been recruited as managerial trainees in Hindustan Coco-Cola beverages Pvt. Ltd, ITC Ltd. (Food Division) and Carnival Industries with a salary bracket of 2.5 to 4.0 lakhs per annum. Dr. K. Ramasamy, Vice-Chancellor, TNAU congratulated the students and handed over the appointment letter on 23.04.2013.

Nadu. Dr. V. A. Amalraj, Principal Scientist, SBI briefed upon the advantages of the PPV&FR Act 2001 to the farming community. Dr. C. R. Anandakumar, Professor, AC&RI, Madurai shared his personal experience with the registration of GI for *Madurai Malli*. The Valedictory function was presided by Dr. K. Ramasamy, Vice-Chancellor, TNAU. He stressed, the importance of tradition and culture goes with agriculture and the changes that have happened to make agriculture a business was well explained. He also highlighted the pivotal role played by the department of Plant Genetic Resources in conservation of traditional farmer's varieties. The training come to an end with the release of a short movie on the activities of the department of Plant Genetic Resources followed by distribution of certificates to the participants. Dr. A. John Joel thanked the gathering.

Awareness programme on PPV & FR act 2001



A training cum awareness programme on "Protection of Plant varieties and Farmers' Rights Act 2001" (PPV&FRA) was organized by the Department of Plant Genetic Resources, Centre for Plant Breeding and Genetics with the financial support by the PPV and FR Authority, Govt. of India, at Tamil Nadu Agricultural University, Coimbatore on 21st March 2013. A total of 146 farmers representing seven districts of Tamil Nadu attended the training programme. On welcoming the gathering Dr. K. Thyagarajan, Director, Centre for Plant Breeding and Genetics explained the role of the Department of Plant Genetic Resources in imparting knowledge to the farmers on their rights and registration of farmers varieties. Dr. G. V. S. Murthy, Head of Office, Botanical Survey of India, Regional Office, TNAU campus outlined the biodiversity available in Tamil

Feeding Veterinarians to be Self - Reliant



Two day training on 'Cultivation Techniques of Different Fodder Crops and Method of Preservation' has been imparted to 160 Veterinary Assistant Surgeons (VAS) from 30 districts of Tamil Nadu in eight batches under State Fodder Development Scheme from 05. 02. 2013 to 08. 03. 2013. Lecture cum demonstrations have been organized on cultivation techniques of different high yielding fodder crops. They were demonstrated with various methods of preservation with special reference to TNAU Silo kudhir. To acquaint with the field level problem, the VAS were taken to a model dairy farm near Vedapatti to have face to face interaction.

Motivation of farmers on the Use of Fly Ash in Agriculture



A Farmers awareness programme on the use of Fly Ash in Agriculture was organized on 4th April 2013 at AEC&RI, Kumulur. Dr. Vimal Kumar, Scientist G & Head (Fly Ash Unit), Department of Science and Technology, Government of India, New Delhi inaugurated the programme. In his inaugural address he highlighted that fly ash can be used for different agricultural purposes including management of problem soils. Dr. P. K. Chhonkar, ICAR Emeritus Scientist, IARI, New Delhi briefed on the use of fly

ash in agriculture in attaining second green revolution. Dr. K. V. B. R. Tilak, NASI –Senior Scientist, Osmania University, Hyderabad stated that the fly ash will be the best source of nutrients along with FYM and bio fertilizers. Mr. J. Sekar, JDA, Trichy delivered a special address highlighting the importance of fly ash application in soil for mitigating the drought stress. Dr. A. Tajuddin, Dean, AEC&RI, Kumulur presided over the programme. In his presidential address he appealed the farmers to make use of scientific developments in Agriculture. Mr. B. Saravanan, All India Radio, Trichy offered felicitation. In addition to extension officials of Department of Agriculture, 90 farmers participated in the programme. During the farmers interaction session Dr. P. P. Mahendran Professor (SS&AC), AC&RI, Madurai and Dr. K. Prabakar, Professor (Plant Pathology), TNAU, Coimbatore offered technical guidance to the farmers. The programme was commenced with a welcome address by Dr. R. Rajendran P&H (SWCE), and at the end Dr. P. Balasubramaniam Assoc. Prof. proposed a vote of thanks.

New Schemes

S. No.	Name of Scheme	Principal Investigator	Amount (Lakhs)	Funding Agency
1	Development of National database on mango	Dr. T. N. Balamohan, Special Officer Dr. A. Ramesh Kumar Assistant Professor(Hort.) TNAU, Coimbatore	26.38	DBT, New Delhi
2	Root Zone Technology for bio-removal of heavy metals and other toxic contaminants of factory effluents of Tirupur Hosiery units, using grass species under constructed wetlands	Dr. C. N. Chandrasekhar Professor Dept. of Crop Physiology, TNAU, Coimbatore	8.27	UGC, New Delhi

3	Nagarjuna Fertilizer Chemicals Limited - "Evaluation of Water Soluble Fertilizers Under Drip Fertigation System on Cane Yield and Quality in Sugarcane" (December 2012 to December 2014)	Dr. N. Asokaraja, Professor and Head, TNAU, Coimbatore	9.91	Nagarjuna Fertilizer Chemicals Limited, Hyderabad
4	Nagarjuna Fertilizer Chemicals Limited - "Evaluation of Water Soluble Fertilizers under Drip Fertigation System for Tissue Culture Banana (Grandnaine)" (December 2012 to December 2014)	Dr. N. Asokaraja, Professor and Head, TNAU, Coimbatore	8.41	Nagarjuna Fertilizer Chemicals Limited, Hyderabad
5	Rallis India – "Evaluation of new plant growth promoter Ralligold in Sugarcane" (January 2013 to December 2013)	Dr. P. Muthukrishnan Professor (Agronomy), TNAU, Coimbatore	4.50	Rallis India Limited, Bangalore
6	Gem Agro – "Bio-efficacy evaluation of Humic Granules (Pasumai Gold granules) on productivity and quality of irrigated transplanted rice" (December 2012 to November 2013)	Dr. S. Radhamani, Assistant Professor (Agronomy), TNAU, Coimbatore	2.80	Gem Agro Limited, Salem
7	Us-India Consortium for Development of Sustainable Advanced Lignocellulosic Biofuel systems	Dr. S. Kamaraj, Professor and Head, Department of Bioenergy, AEC&RI, TNAU, Coimbatore	89.35	Indo-US Joint Clean Energy Research and Development Centre

8	Training on Cultivation techniques of different fodder crops and method of preservation'	<p>Dr. K. Iyanar, AP Plant Breeding and Genetic , TNAU, Coimbatore</p> <p>Dr. C. Babu, Professor, Plant Breeding and Genetic , TNAU, Coimbatore</p>	5.00	<p>Directorate of Animal Husbandry and Veterinary Services, State Fodder Development scheme (SFDS) Chennai</p>
---	--	---	------	--

Important Visitors

- Th. S. Damodaran, Hon'ble Minister for Agriculture Felicitation to Chief Minister, Tamil Nadu by Farm Labourers of TNAU
- Dr. Kiran K. Sharma, CEO, Agri Business Incubator, ICRISAT, Hyderabad visited CPMB Seminar Hall on 03. 04. 2013
- Dr. K. P. Jayanth, Vice - President, BCRL, Bangalore to sign MOU with TNAU on 23. 04. 2013

Published by
Directorate of Planning and Monitoring,
 TNAU, Coimbatore - 641 003.

Printed at :
 TNAU Offset Printing Press,
 Special Officer (Publications & Public Relations)
 TNAU, Coimbatore - 641 003.

To

From
 Directorate of Planning and Monitoring,
 Tamil Nadu Agricultural University,
 Coimbatore - 641 003

