

TNAU NEWS



TAMILNADU AGRICULTURAL UNIVERSITY NEWS LETTER

Patron : Dr. P. MURUGESA BOOPATHI - Vice Chancellor

Editor : Dr. P. SIVASUBRAMANIAN - Director, Planning and Monitoring

Plant Protection Scientists Meet – 2009 >>>



The Directorate of plant protection studies organized a two day “Plant Protection Scientists Meet” on 4.12.09 and 5.12.09 at Tamil Nadu Agricultural University, Coimbatore. About 150 plant protection scientists from various Research Stations, KVKs and Agriculture Colleges of our University attended the meet. The meeting was conducted mainly to appraise the emerging challenges in plant protection and to plan strategies for addressing them.

The meet began on 4.12.09 with the inaugural address of Dr. P. Subbian, Registrar, TNAU, Coimbatore. During the first day, Dr. R. J. Rabindra, Director, National Bureau of Agriculturally Important Insects, Bangalore delivered a special lecture on the possible threat of *Brontispa longissima* with the need for an action plan. This was followed by more than 10 special lectures on selective topics to sensitize the scientists on various new developments and issues in plant

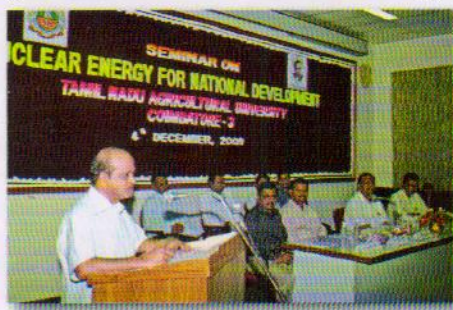
protection. After the lectures, the scientists interacted, discussed and brought out the recommendations of the meet.

Dr. P. Murugesha Boopathi, Vice – Chancellor, TNAU graced the valedictory function of the plant protection meet held on 5.12.09. He also released the book entitled “Modern trends in pests management” and delivered the valedictory address stressing the need for more pesticide residue testing labs at block / district level. Earlier, Dr. E.I. Jonathan, Director, CPPS presented the recommendation of meet and focused the need for the importance of surveillance in pest management. Dr. R. Samiappan, Director, Centre for plant molecular biology; Dr. V. Valluvaparidasan, Director, Open and distance learning; Dr. A. Chandrasekaran, Controller of Examination, Dr. P. Sivasubramanian, Director, Planning and Monitoring, Dr. P. Karuppuchamy, Professor and Head, Department of Agricultural Entomology; Dr. G. Chandrasekar, Professor and Head, Department of Plant Pathology and Dr. R. Balagurunathan, Professor and Head, Department of Sericulture also spoke during the occasion.

Seminar on nuclear energy for national development

A one day seminar on “Nuclear Energy for National Development” jointly organized by Centre for Soil and Crop Management Studies and School of Post Graduate Studies, TNAU, Coimbatore and Bhabha Atomic Research Centre, Mumbai was held at the Department of Soil Science & Agricultural Chemistry, Coimbatore on 4th December, 2009. This seminar

was organized to create awareness among the staff, graduate and post graduate students on nuclear energy.



Dr. R. K. Sharma, Head, Media Relations and Public Awareness Section, BARC in his introductory remarks mentioned the importance of nuclear energy and BARC's role in various programmes. Dr. P. Subbian, Registrar, in his inaugural address highlighted the applications of radio isotopes in agricultural research by Tamil Nadu Agricultural University particularly with respect to nutrient efficiency studies. Scientists of various disciplines from Bhabha Atomic

Research Centre, Mumbai explained the students about nuclear energy programmes in India, application of nuclear energy in agriculture and biology and radioisotopes in health care. The students were also given an exposure to various career opportunities in the Dept. of Atomic Energy & Homi Bhabha National Institute. Dr.S.Jeyaraman, Director (CSCMS) and Dr. C. Udayasoorian, Dean, School of Post Graduate Studies offered felicitations. One hundred and thirteen graduate and Post Graduate students of various disciplines attended the seminar. Dr.A.Raja Rajan, Dean, Agrl. College & Research Institute, Killikulam welcomed the gathering and Dr. V.Velu, Professor and Head, Dept. of Soil Science & Agrl. Chemistry proposed the vote of thanks.

Tricks & Tactics in Competitive Exams

The Directorate of Students' Welfare organized an interactive session



recently with one of the most illustrious speakers and alumni of TNAU, Dr. C. Sylendra Babu IPS, the then Inspector General of Police, Special Task Force, Chennai. The event was scheduled to help, civil service aspirants and other complete exam preparers to gain tricks and tactics to excel in their ordeals. Dr.T.Rathakrishnan, Director (Students' Welfare) welcomed the gathering and highlighted the importance of grooming of graduates to face the challenges ahead. K.S. Subramanian, the then Professor (SW) offered prelude to the interactive session. Dr.C.Sylendra Babu actively participated in the 3 hr long interactive session. Dr. S.

Hariharan, Professor (English) proposed a formal vote of thanks.

Children's Day celebrations by HC&RI, Periyakulam

Children's day celebration was conducted at Alagamaiyakanpatty near Periyakulam. The function was presided over by Dr. M. Selvaraj, Professor and Head, Department of Fruit Crops, Horticultural College and Research Institute, Periyakulam.



Several sports and cultural competition were conducted to the Children and prizes were distributed. Tree seedlings were planted at the samudhaya koodam by the chief guest, Th.Vellaswami, president of

State level seminar on dissemination of agricultural technologies >>>



One day State level seminar on dissemination of Agricultural Technologies was organized by the Agricultural Technology Management Agency (ATMA) of Department of Agriculture on 30.11.2009 at Salem. About 1500 farmers from different blocks of Salem District participated.

In the inaugural function, the Salem Collector Thiru. Chandrakumar, I.A.S. welcomed the gathering and it was inaugurated by the Hon'ble Agricultural Minister Thiru. Veerapandi S. Arumugam. In the inaugural address he said that eventhough the erratic monsoon had reduced the area of paddy cultivation

in Tamil Nadu the rice intensification schemes standardized the rice production up to 64.61 lakh tonnes. He also called on the farmers to adopt scientific techniques for better yield at a time of population explosion and ATMA could help there in this regard.

Our Vice Chancellor, Dr. P. Murugesha Bhoopathi delivered the technical address about the activities of ATMA and its benefits.

An exhibition on recent advances in Agricultural technologies were also organized by ATMA for the benefit of farming community. It was followed by technical session handled by D.V. Palanisamy, Professor and Head, Tapioca and Castor Research, Station, Yethapur. He explained the status of pulses and the technologies to increase the productivity of pulses in Tamil Nadu.

Alagarnaiyakanpatty, Headmistress Mrs.Latha and Dr. P. Geetharani, NSS Officer, Horticultural College and Research Institute, Periyakulam. The staff, NSS students of Horticultural College and Research Institute, Periyakulam and local people participated in the function.

Exposure visit of Panchayat presidents to TNAU

Under the guidance of our Vice-Chancellor, Dr.P.Muruges Boopathi, 70 Panchayat Presidents have been imparted one day training on new farm technologies at TNAU, Coimbatore on 03.12.2009. These elected representatives of Panchayat Raj Institutions are from ten Southern Districts of Tamil Nadu. In the first phase, nine batches, each of 70 participants, are programmed on exposure visit to TNAU, from November 2009 to March 2010.

They are being exposed on newer technologies in modern Rice Cultivation, New paddy varieties and hybrids, fruits and vegetable cultivation techniques, kitchen gardening, and new varieties of major Horticulture crops, fodder development, preparation of vermin composting, waste utilization, Animal Husbandry, Machine Milking, Biogas, Solar energy smokeless chulah, farm implemnts and equipments, mushroom cultivation and related aspects. The various facilities available for farming community are also been told in detail.

Addressing the elected representatives on 3.12.2009, Dr.P.Subbian, Registrar of Tamil Nadu Agricultural University, requested them to motivate the villagers towards commercial agriculture so as to increase their farm income and ultimately their standard of living by making use of the facilities and technical expertise available at TNAU.

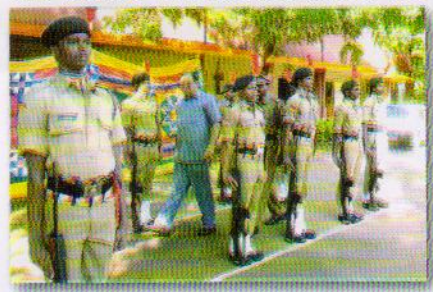
Dr.P.Kalaiselvan, Director of



27th November 2009 and inspected the research plots. He suggested upscaling the low cost, portable vermin bag unit in all the basins of IAMWARM scheme for the benefit of farming community. He also visited the newly dug farm pond over an area of one hectare for harvesting the run off rain water and enhancing the water table of the nearby water bodies. The newly constructed labour shed and implements shed were inaugurated by the Vice-Chancellor. He has also interacted with the Diploma Agri students. Dr.M.Paramathma, Director of Research accompanied the Vice-Chancellor. Dr.R.Duraisingh, Professor and Head explained the salient activities of the station.

Vice-Chancellor's visit to Killikulam Campus

Our Vice-Chancellor Dr. P. Muruges Boopathi visited the Agricultural College and Research Institute, Killikulam on 25.11.2009 and visited various laboratories and



farms and declared opened two labour rest rooms. The office-bearers of teaching and non-teaching staff associations and students felicitated the Vice-Chancellor on his first visit to the campus. The Vice-Chancellor lighted "kuthu vilakku" marking the inauguration of the College Silver Jubilee celebrations and released the silver jubilee logo. Dr. M. Paramathma, Director of Research felicitated the staff and students on the occasion. Dr. A. Raja Rajan, Dean presided. Dr. J. Sundersingh Rajapandian welcomed the gathering and Th. A. Silambarasan, Club Secretary proposed a vote of thanks. The programme ended with a grand cultural extravaganza.

Anti-ragging and Legal Awareness Campaign



An "Anti-ragging and Legal Awareness Campaign" was organized on 9.11.09 at Agricultural College and Research Institute, Killikulam to commemorate Legal Services day. The campaign was co-organized by the Srivaikundam Taluk Legal Services Council. Th. P. S. Avadi Thiagarajamurthy, Hon'ble Principal District Judge, Thoothukudi, presided. Dr. J. Sundersingh Rajapandian, Staff Advisor, welcomed the gathering. Dr. A. Raja Rajan, Dean Agricultural College and Research Institute, Killikulam inaugurated the campaign. A team of Thoothukudi District legal luminaries including Additional District Judges of Fast Track Courts, Judicial magistrates, Government pleaders, office bearers of Lawyers' Association and advocates enlightened the students about legal matters such as The TN Prohibition of Ragging Act 1997, Consumer Protection Act 1986, Right to Information Act 2005. Th. K. Kuruvaiah, Thoothukudi District sub judge proposed a vote of thanks.

VC's inspection at RRS, Aruppukottai

Our Vice-Chancellor, Dr. P. Muruges Boopathi visited Regional Research Station, Aruppukottai on

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Extension Education called upon the elected representatives to act as a bridge between the farmers and Krishi Vigyan Kendras located in the concerned district for the development of village. Dr.R.Vijayaraghavan, Professor and Head (Training Division), coordinated this programme.



pests and nematodes were also explained to the growers by the scientists.

The gathering was welcomed by Dr. D.Saraladevi, Professor and Head, Department of Spices and Plantation Crops. Th. M. Muthiya, ADH, Periyakulam proposed a vote of thanks.

Interactive meeting with Betelvine growers of Periyakulam

An interaction meeting with betelvine growers of Periyakulam Taluk was jointly organized by Horticultural College and Research Institute, Periyakulam and State Department of Horticulture and Plantation Crops, Theni District at Vadugapatti on 30.11.2009. About 100 betelvine growers attended the interactive session.

Dr. V. Ponnuswami, Dean, HC&RI, Periyakulam in his presidential address mentioned the reasons for organizing the interactive session. Dr. S. Mohan, Professor and Head, Department of Plant Pathology, AC&RI, Madurai explained the beneficial effect of Pseudomonas and bordeaux mixture in controlling the wilt disease of betelvine.

The importance of neem cake and neem based product to control insect

Training on oil palm cultivation technology

Under ISOPOM-OPDP trainings on "Oil Palm Cultivation Technology" were being conducted at Tamil Nadu Rice Research Institute, Aduthurai from 24.11.09 - 08.12.09. The beneficiaries of the training are Agricultural Officers of state department of agriculture from Thanjavur, Thiruvarur, Trichy,

Annual Conference on "Technology, Environment and Livelihood Security" >>>



presidential address. He called the researchers across the country to focus on various environmental issues, livelihood security and technology development to achieve sustainability in agricultural production and productivity.

Dr. Mruthyunjaya, President of AERA has delivered the special address. Eminent agricultural economists of the country Prof. V. Rajagopalan; Prof. C. Ramasamy; Prof.K.Palanisami and Prof. K. C. Hiremath have given special remarks. Finally, Dr.M.Chandrasekaran, Professor and Head, Department of Agricultural Economics and Organizing Secretary of the conference proposed vote of thanks.

The Department of Agricultural Economics, TNAU in association with the Agricultural Economics Research Association (AERA), New Delhi has organized the 17th Annual Conference during 19-21, November 2009 at TNAU, Coimbatore.

The inaugural function of the conference was held on 19.11.2009. Dr.N.Ajjan, Director, CARDS, TNAU welcomed the gathering. Dr.P.K.Joshi, Director, NAARM, Hyderabad and the Secretary of AERA has given opening remarks

about the society and conference. The national conference was inaugurated by Prof. S. Mahendra Dev, Chairman, Commission for Agricultural Costs and Prices, Government of India, New Delhi. In his speech, he emphasized the need to explore the possibilities for solving the issues like upscaling and mainstreaming the important technologies, environmental issues and achieving livelihood security. Our Vice Chancellor, Dr.P.Murugesha Boopathi, has presided over the function and delivered the

Scientists, researchers, scholars and officials from different State Agricultural Universities, international organizations like ICRISAT and IWMI, ICAR, NABARD have attended the conference and presented papers. Totally 126 delegates from different parts of the country have participated in the conference.

Perambalur, Cuddalore and Villupuram districts. The inaugural training was presided by the JDA, Thanjavur on 24.11.09. Dr.N.Chelliah, Professor (Agronomy), TRRI, Aduthurai is the coordinator of the training. Scientists of TRRI, Aduthurai imparted the training.

farm workers on 01.12.09. On visual observations, the operation was found to be very easy and performance was very good. It was appreciated by every one who witnessed the operation. He deserves all encouragements.



Field day on Ragi

To demonstrate the superiority of Ragi variety CO (Ra) 14, over local cultures, ten demonstration plots were laid out at farmers' fields in Anthiyur block during *kharif* 2009. A field day was organized on 26.11.2009 at Thamaraikkarai village. A total of 50 farmers participated in the programme. Dr.P.Veerabhadhiran, Professor and



Farmers training programme on Jatropha cultivation

A training programme to farmers on Jatropha cultivation was conducted at HC&RI, Periyakulam on 02.12.2009. One hundred farmers have participated in the training programme. Dr.V.Ponnuswami, Dean, HC&RI, Periyakulam highlighted the importance, scope and its significance in National and Global arena. Scientists of HC&RI, Periyakulam spoke on the various aspects of Jatropha cultivation. Dr. P. Nagarajan proposed a vote of thanks.

demonstrated on improved production technology of betelvine. About 100 betelvine growers participated in the programme and interacted with the scientists. Sample kits containing biocontrol agent viz., *Trichoderma viride* were supplied to the farmers. The benefits and application methods of biocontrol agents were also explained to them.

Training on Jatropha

One day training on 'Jatropha cultivation' was organized on 4.12.09 at NPRC, Vamban for the official of the Department of Agriculture. The training was inaugurated by Dr.M.Ramasamy, Professor and Head and key note address was delivered by Dr.H.Vijayaraghavan, Professor (Crop Physiology) and Dr.Sivapraksh, Centre of excellence in Biofuels, Tamil Nadu Agricultural University, Coimbatore. The meeting was attended by the Pudukkottai District AOs, ADAs and DDs.



Head, Department of Millets, welcomed the gathering. Dr.K.Thiyagarajan, Director, CPBG, delivered the presidential address and he opined that, for better income generation, farmers should try to cultivate all high yielding varieties of small millets. Dr.A.Nirmala Kumari, Professor (Small millets), Department of Millets sensitized the farmers regarding the improved varieties that have been released in all small millet crops. An exhibition depicting the value added products of small millets were displayed.

Paddy power weeder demonstration at SWMRI, Thanjavur

The performance of the three row power weeder for intercultural operation for paddy crop developed by Mr.G.Swaminathan, a progressive farmer was demonstrated in SWMRI field in presence of farmers, scientists and



Field demonstrations on Betelvine

Field demonstrations were organized at Sirugamani and Sathiyamangalam (Betelvine field) on 23.11.09 & 4.12.09. Dr.S.Vanitha, Associate Professor (Plant Pathology) and Dr.N.Suganthi, Assistant Professor (Entomology) demonstrated the technologies developed by AICRP – Center on disease and pest management in betelvine. Dr.L.Nalina, Assistant Professor

Field day on System of rice Intensification

A Field day on use of cono weeder, rotary weeder and LCC in system of Rice Intensification was organized by Cotton Research Station, Srivilliputtur at Vadakku Karisalkulam village, Srivilliputtur Block, Virudhunagar District on



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27.11.09 under TN-IAMWARM project. About 50 beneficiaries of Arjunanadhi Sub basin participated. Our Vice-Chancellor, Dr.P.Murugesu Boopathi participated in the field day and interacted with farmers. The farmers exchanged their views on the different advantages enjoyed from system of Rice Intensification.

Our Vice-Chancellor advised to form Co-operatives among SRI farmers to reap benefits of higher price for their produce, exploring various agri-business activities including e-marketing. He recommended soil test based fertilizer application, soil reclamation through green manuring and gypsum application and laser leveling of fields. Dr.M.Paramathma, Director of Research, Dr.S.Chellamuthu, Director, WTC and Nodal Officer (TN-IAMWARM), also graced this Field day. Earlier, Dr.B.J.Pandian Professor, TN-IAMWARM cell presented the activities of TN IAMWARM project in Arjunanadhi Sub basin.

Training on commodity group formation, community organization and its empowerment



A growers training on commodity group formation, community organization and its empowerment was conducted at the Kallipalayam Village, Coimbatore on 04.12.09 and 05.12.2009. About 40 Jasmine growers participated and got trained. Dr M. Jawaharlal, Professor & Head and Principal Investigator of the project formally inaugurated the training and emphasized on the Significance of commodity group formation in jasmine and also empowerment of farmers forum. Mr. P. Ravindran, Assistant General Manager (RB), State Bank of India, Coimbatore highlighted on financial

support for commodity group formation from SBI and NABARD especially for flower growers. Mr.P.Murugesu (President) and Mr.S.Mahalingam (Secretary), Tamilnadu Flower Cultivators Association from Sathiyamangalam shared their experience. K.C.Subramanian, a leading jasmine grower proposed the vote of thanks. All the queries raised by the growers relating to group formation, financial support and marketing were clarified during the field visit.

Training farmers on Mango nutrient management

A seminar on "Integrated nutrient management, and Pre-flowering pest management in mango" was conducted on 18.11.2009 at Pochampalli for 75 beneficiary farmers selected under this project. The seminar was presided over by Mr.V.G.Sittarasu, President, Tamil Nadu Mango growers' federation, Pochampalli. Dr.T.N.Balamohan, Professor and Head, Dept. of fruit crops, TNAU, Coimbatore welcomed the gatherings and

National Group Meeting on Cashew-2009 >>>



The three day National Group Meeting of AICRP Scientists on Cashew-2009 was held from 13th to 15th of November 2009 at Tamil Nadu Agricultural University, Coimbatore. The Cashew scientists

from centres of AICRP-Cashew from all over India; Directorate of Cashew Research, Puttur; experts and ICAR authorities; Director, Directorate of Cashew nut and Cocoa Development and

Representatives from Cashew and Forest Corporation; Development Departments and Cashew Export Promotion Council of India participated in the Group meeting.

The inaugural session of the three days Group meeting was held on 13th November. Dr. N. Kumar, Dean (Horticulture) welcomed the delegates. Dr. P. Subbian, Registrar, TNAU inaugurated the Group meeting. Dr. M. Paramathma, Director of Research and Dr. T. Jayaraj, Director, TRRI, Aduthurai delivered the special address. Dr.M.G.Bhat, Project Coordinator, Directorate of Cashew Research, Puttur, Karnataka presented the Project Coordinator report.

The Valedictory function was held on 15th November and it was presided by Dr. H.P.Singh, Deputy Director, (Horticulture), ICAR, New Delhi.



The second stakeholders' workshop of the climate change project (CLIMARICE) was conducted on 24th November, 2009 at TNAU, Coimbatore. Dr.V.Geethalakshmi, Professor and Head, ACRC explained the project activities to the stakeholders. Our Vice Chancellor, Dr. P. Murugesu Boopathi presided over the inaugural function and delivered the presidential address. Mrs. Inger Sangnes, Counsellor,

Royal Norwegian Embassy, New Delhi released the second News letter of the ClimaRice project and delivered the keynote address. Dr. Nagothu Udaya Sekhar from Bioforsk briefed the importance of Stake Holders Integration & Science Policy Linkage in ClimaRice. Mr. M. Moorthy, Chief Engineer, Water Resource Organization, Trichy delivered the inaugural address and explained the importance of

ClimaRice in Cauvery River Basin. The scientists from collaborating institutes from Bioforsk, Norway and IPRC, Hawaii participated along with Mr.L.Vijayanathan, scientific advisor from The Royal Norwegian Embassy, New Delhi. In this Stakeholders workshop, officials from Department of Agriculture, Agricultural Engineering, Water Resource Organization, Voluntary Organizations and Farmers Associations besides, water managers and Policy makers participated for developing future strategies to resolve the crisis due to climate change in Agriculture. The key issues pertaining to rice production under changing climate were discussed and various adaptation and mitigation measures including water and nutrient management, microbial technologies to minimise methane emission from rice fields were also explained to stake holders. This work shop also helped to identify possible institutional and policy measures necessary for improving adaptive capacity of farmers under changing climate.

delivered a special lecture on "Production technologies of Mango".

regarding field problems in Vellore district.

Scientists of RRS, Paiyur delivered lectures on various aspects of mango cultivation. All the beneficiary farmers and progressive farmers in the area participated and involved in the discussion.

Training Campaign for Extension functionaries

A training campaign was organized at KVK, Virinjipuram on "Use of Visual Diagnostic Kit (TNAU) software for soil and crop nutrient management" and "Participatory Rural Appraisal Techniques" to the Extension functionaries (ADAs, AOs and AAOs) from Vellore district on 8.12.09. Totally, 42 officials were attended and benefited. An interactive discussion was also arranged with KVK-Scientists

Training on Pulses

One day training programme on intensification of Pulses Production was organized by KHRIBCO, Tiruvarur District on 10.12.09 at NPRC, Vamban and the Scientists interacted with the officials of Co-operative Department engaged in fertilizers distribution.

Training on seed production and quality control in rice and maize hybrids

A training programme on "Seed Production and Quality Control in Rice and Maize Hybrids" was organized to the officials of the Department of Agriculture and Directorate of Seed Certification in two batches (25 participants per batch) during December 8th to 12th



2009 and 15th to 18th 2009 under the scheme on "Development and Strengthening of Infrastructure Facilities for Production and Distribution of Quality Seeds".

Feed back programme on weather forecast

A feedback programme on the impact of weather forecast was organized at Tamil Nadu Rice Research Institute, Aduthurai on 02.12.09. The contact farmers of the NCMRWF scheme participated in the programme and shared their experience. Dr.T.Jayaraj, Director, TRRI

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presided over the programme. Dr.G.Thangamani, Asst. Professor (Agrl.Micro.) organized the programme. The scientists of TRRI participated in the programme.

Sorghum field day

A sorghum field day was organized at Idikarai village of Sarkarsamakkulam block in Coimbatore district on 8.12.2009 by the Department of Millets.

The function was presided by Dr.K.Thiyagarajan, Director, Centre for Plant Breeding and Genetics. Th.L.Sankara raj, Joint Director of Agriculture (Coimbatore) was the Chief Guest. A total of 100 farmers from Idikarai and surrounding village participated in the field day. Dr.K.Ganesamurthy, Professor (breeding), welcomed the gathering and narrated the importance of FLD. Th.L.Natarajan, spoke on various schemes sponsored by the Government of India for the development of agriculture in the district.

Dr.P.Veerabhadhiran, Professor and Head, spoke on the special qualities found in the local cultivars and the needs to incorporate them in the

improved varieties. The Assistant director of Agriculture, Th.K.Wesley Jeevanraj,

In his address summarized the salient features of seed village concept and its importance in agricultural growth. Dr.S.Sivakumar, Associate Professor (Breeding) proposed the vote of thanks.



NEW SCHEMES

Name of the Scheme	PI	Amount (lakh Rs.)	Funding Agency
Bioremediation of heavy metal contaminated soils in a complex ecosystem	Dr. C. Udayasoorian, Dean (SPGS)	28.48	DBT – New Delhi
Engineering rice for drought tolerance using dreb1 transcription factor	Dr.D.Vijayalakshmi, Asst. Professor	8.91	UGC, New Delhi
Developing Community based approach for prevention of Anemia among young rural women in Virudhunagar District	Dr.P. Banumathi Dean (Home Science)	6.55	DST, New Delhi
Field evaluation of “Allwin top legume special in redgram”	Dr.H.Vijayaraghavan, Professor (Crop Physiology)	1.50	M/s.Ramcides India ltd. Chennai
Role of SHGs in Women Empowerment through Agri Business Ventures	Professor and Head, Dept. of ARM	0.75	TN-SLUB, SPC, Chennai

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

Printed at :
 Directorate of Open & Distance Learning,
 TNAU Offset Printing Press,
 Coimbatore - 641 003.

To

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