



# CTRI News

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**CENTRAL TOBACCO RESEARCH INSTITUTE, RAJAHMUNDRY-533 105, A.P.**

## DR. MURTHY ASSUMED CHARGE AS DIRECTOR - ACTING, CTRI



Dr. T.G.K. Murthy, Principal Scientist and Head, Division of Crop Improvement, CTRI, Rajahmundry assumed the charge as Director - Acting, CTRI, Rajahmundry with effect from 01.02.2012.

## RAC MEETING

Research Advisory Committee meeting was conducted during 13<sup>th</sup> and 14<sup>th</sup> March, 2012 at CTRI, Rajahmundry under the Chairmanship of Dr. P. Murugesha Bhoopathi, V.C. TNAU. The other distinguished members of RAC were: Dr. V.S. Korikanthmath, Former Director, ICAR Research Complex for Goa, Dr. R. Sridhar, Former Head, Crop Protection & Dr. V.R.Rao, Former Head, Crop Production, CRRI, Cuttack. Sri Cherukuri Swamy, Member, IMC and a progressive farmer also attended the meeting.



## From the Director's Desk

During 2011, 108.3 M kg of tobacco was marketed in Karnataka at an average price of ₹ 92.10 per kg as against the authorized quantity of 101.62 M kg. An analysis of the grade outturn revealed a disturbing feature that the medium and low grades accounted for 50.1 and 28.7%, respectively. Thus, the situation warrants the attention of all the stakeholders to take corrective steps to improve grade outturn to ensure remunerative prices to farmers. The Tobacco Board has fixed a crop size of 98.6 M kg for Karnataka during the 2012-13 season with a 3% reduction, as compared to 2011-12. In view of the country's obligations under FCTC, this decision should give positive signal to the policy makers. In Andhra Pradesh, 2012 FCV tobacco auctions have just commenced and as on 31<sup>st</sup> March, 2012, 9.1 M kg was marketed at an average price of ₹ 102.67 per kg as against the authorized quantity of 161.4 M kg.

During the period, April to December, 2011 the Country exported tobacco and tobacco products worth ₹ 2919 crores.

The process of formulation of XII Plan for CTRI has been initiated. Satisfactory progress has been made in the XI plan in the important areas of tobacco research viz., development of high yielding varieties/hybrids with an yield potential of ~3,000 kg/ha in FCV tobacco & 4,000 kg in non-FCV tobacco; improving the input-use-efficiency; adopting IPM



strategies & evaluating new molecules and formulations for plant protection to reduce pesticide residues; and identifying high seed yielding genotypes for exploiting tobacco as an oil seed crop.

In tune with the policy directives from ICAR and in view of the changed tobacco scenario, the research will focus on the areas of productivity and quality improvement, nutrient & water-use-efficiency, eco-friendly pest management, mechanization & energy conservation, tobacco based phytochemicals, alternative crops to tobacco, etc. in the XII plan. In addition two network project proposals were submitted on 1) "Value-addition to Tobacco Phytochemicals" under Platform 14 - 'High Value Compounds/Phytochemicals' and 2) "Investigations on Tobacco Genomics" under Platform 1-'Genomics', as a part of the Council's initiative to pursue multilateral approaches for knowledge sharing and capacity building so as to arrive at holistic solutions to challenges in Agriculture.

(T.G.K. MURTHY)

## TRANSFER OF TECHNOLOGY

### RESEARCH PUBLICATIONS

- ✘ Krishnamurthy, V., Y. Subbaiah and K. Suman Kalyani (2012) Alternative uses in Virginia tobacco in Andhra Pradesh – ISTS, Annadatha 44(2): 6-7.
- ✘ Krishnamurthy, V., U. Sreedhar and K. Suman Kalyani (2012). 14th National Symposium on Tobacco-2011. Swarna Sedyam 15(5):53-4.
- ✘ Ramakrishnan, S. and M. Nagesh (2011). Evaluation of beneficial fungi in combination with organics against root-knot nematode *Meloidogyne incognita*, in FCV tobacco nurseries. J.Biol. Control 25(4):311-5.
- ✘ Sivaraju, K., H. Ravisankar and K. Suman Kalyani (2012). Role of boron in different crops, deficiency symptoms and their management. Vyavasayam 3:5-7.
- ✘ Suman Kalyani, K. and V. Krishnamurthy (2011). Women empowerment for ensuring food security. Swarna Sedyam 15(2):34-6.
- ✘ Suman Kalyani, K., V. Krishnamurthy and S.K.Naidu (2012). Soya foods for better health and nutrition. Annadatha 44(1): 10-4.
- ✘ Suman Kalyani, K and V. Krishnamurthy (2012). Control of diabetes through better diet. Annadatha 44(2): 18-22.
- ✘ Suman Kalyani, K., V. Krishnamurthy, and S.K. Naidu (2012). Soya foods for better health and nutrition (Part-2). Annadatha 44(2): 52-3.

✘ Suman Kalyani, K.; V. Krishnamurthy, and U. Sreedhar (2012) New frontiers in Tobacco Research, Annadatha 44(3): 8.

✘ Suman Kalyani, K. and H. Ravi Shankar (2012) Front Line Demonstrations to farmers for good results. Annadatha 44(3): 53.

### CONFERENCES/ TRAININGS/ WORKSHOPS ATTENDED

□ Dr. K. Prabhakara Rao, Scientist attended the 99<sup>th</sup> "Indian Science Congress" at KIIT University, Bhubaneswar during 2-7 January, 2012.

□ Dr. S. Roy, Pr. Scientist, CTRI RS, Dinahata attended the National Seminar on "Recent Advances in Microbial Biotechnology" at Kabi Nazrul College, Murarai during 10-11 January, 2012.

□ Dr. D.V. Subhashini, Sr. Scientist attended the 3<sup>rd</sup> Global Conference on "Plant Pathology for Food Security" at Udaipur during 10-13 January, 2012.

□ Dr. R.K. Ghosh, Scientist attended the National Training on "Naturally occurring nutraceuticals, crop protectants and other biomolecules for application in human and crop health" at IARI, New Delhi during 23<sup>rd</sup> January to 2<sup>nd</sup> February, 2012.

□ Dr. U. Sreedhar, Head, Crop Protection attended the Regional Workshop on "Consortium for e-Resources in Agriculture" at SV University, Tirupati on 24<sup>th</sup> January, 2012.

□ Dr. S. Roy, Pr. Scientist, CTRI RS, Dinahata attended the

National Symposium on "Frontlines of Microbiological Research: Concepts and Application" at Kolkata during 2-4 February, 2012.

□ Dr. C.V.N. Rao, Pr. Scientist attended the Workshop on "Half-Yearly Performance Monitoring (HYPM)" at NAARM, Hyderabad on 13<sup>th</sup> February, 2012.

□ Dr. H. Ravisankar, Sr. Scientist attended the Seminar cum Workshop on "National Knowledge Network" at NGRI, Hyderabad on 15<sup>th</sup> February, 2012.

□ Dr. T.G.K. Murthy, Director-Acting attended the "Interface meeting of Vice-Chancellors of SAUs and ICAR Directors" at New Delhi on 17-18 February, 2012.

□ Dr. S. Amarnath, Head and Dr. S. Roy, Pr. Scientist have attended the "Agriculture Technology Week-2012" at UBKV, Pundibari during 20-23<sup>rd</sup> February, 2012.

□ Dr. C.V.N. Rao, Pr. Scientist attended the Meeting of RFD Nodal Officers of Crop Science Division in ICAR at New Delhi on 21<sup>st</sup> February, 2012.

□ Dr. C.C.S. Rao, Head, Division of Crop Production have attended the ZTM-BPD Annual meeting cum Workshop at Cochin during 24-25 February, 2012.

□ Dr. C.V.N. Rao, Pr. Scientist attended the Meeting of BIS Sectional Committee FAD4 on Tobacco and Tobacco Products at BIS, New Delhi on 28<sup>th</sup> February, 2012.

□ Dr. U. Sreedhar, Head, Crop Protection attended the

"National Seminar – 2012 : Emerging Pest Problems and their Bio-rational Management" at MPUAT, Udaipur during 2-3 March, 2012.

- Dr. S. Roy, Pr. Scientist, CTRI RS, Dinahata attended the meeting to finalise the date, venue and agenda for the Two Day Annual Convention at Kolkata at Bidhan Chandra Krishi Vishwavidyalaya, Kalyani, Nadia on 13<sup>th</sup> March, 2012.
- R. Sudhakar, Tech. Officer attended the Global Conference on "Women in Agriculture" at ICAR, New Delhi during 13-15 March, 2012.
- Dr. H. Ravisankar, Sr. Scientist attended the "International Conference on Science and Innovative Engineering" at Chennai during 31<sup>st</sup> March to 1<sup>st</sup> April, 2012.

### HINDI WORKSHOP

Hindi Workshop was held at CTRI, Rajahmundry on 22.02.2012 to create interest and promote the use of Hindi among the Staff.

### AWARD

Dr. K. Prabhakara Rao, Scientist (Biotechnology), CTRI, Rajahmundry was conferred "Pran Vohra" Award from Indian Science Congress Association (ISCA) for the year 2011-12 in the 99<sup>th</sup> session of ISCA held at KIIT University, Bhubaneswar from 3-7 January, 2012.

### VISITORS

Sri Sandeep Das, News Editor, The Financial Express visited CTRI, Rajahmundry on 27.01.2012 and interacted with the scientists of CTRI.

The Project Monitoring and Evaluation Committee (PMC) visited CTRI Research Station, Jeelugumilli on 04.02.2012 to monitor the progress of research work being conducted under Institute and AINRPT projects.



The PMC visited CTRI Research Stations, Guntur and Kandukur on 13<sup>th</sup> and 14<sup>th</sup> February, 2012 to monitor the progress of research work being conducted under Institute and AINRPT projects.



### FARMERS' VISITS

Forty two farmers from Karnataka (KLS region) visited CTRI & its Research Farm on 20-03-2012 and they were explained about the improved FCV tobacco production/ protection technologies. They also visited the Biotechnology and Smoke Research laboratories in the Institute.

### INTER-ZONAL SPORTS MEET

The Sports and Games contingent of CTRI comprising eleven players along with Dr. P.V. Venugopala Rao as Chief de mission participated in the ICAR Inter-Zonal Sports Meet held at Barrackpore during 14-21 January, 2012. Smt. V. Bhagyalakshmi secured 1<sup>st</sup> place in the High Jump.



### INTER-INSTITUTIONAL SPORTS MEET

A 26 member CTRI Sports and Games contingent participated in the ICAR Inter-Institutional Sports Meet held at NAARM, Hyderabad during February 27 to March 2, 2012. CTRI secured 2<sup>nd</sup> place in the Volley Ball (Shooting) and Volley Ball (Smashing). Smt. V. Bhagyalakshmi secured 2<sup>nd</sup> place in Chess and Sri D.B. Reddy secured 3<sup>rd</sup> place in Discuss.



## PERSONALIA

### RETIREMENT

- Dr. V. Krishnamurthy, Director, CTRI, Rajahmundry retired from Council's service on 31.01.2012.
- B.V.V. Satyanarayana Murthy, Tech. Officer T-7/8, CTRI, Rajahmundry retired from Council's service on 31.01.2012.
- A.C. Rajasekharan, Tech. T-4, CTRI RS, Vedasandur retired from Council's service on 31.03.2012.
- A. James, Tech. Officer T-5, CTRI RS, Kandukur retired from Council's service on 29.02.2012.
- Bancharam Karmakar, SSS, CTRI RS, Dinahata retired from Council's service on 29.02.2012.
- Iswar Chandra Mohanta, SSS, CTRI RS, Dinahata retired from Council's service on 29.02.2012.
- Y. Venkanna, SSS, CTRI, Rajahmundry retired from Council's service on 29.02.2012.
- C.A. Raju, Pr. Scientist, CTRI, Rajahmundry retired from Council's service on 31.03.2012.

### OBITUARY

- Sri S.V. Rama Rao, SSS, CTRI Farm, Katheru expired on 05.01.2012.

## KRISHI VIGYAN KENDRA

### AWARD

CTRI - Krishi Vigyan Kendra arranged a stall in the exhibition in the Global Conference on Women in Agriculture at New Delhi and won the second best prize. A memento and a certificate were received by KVK from Dr. Pratibha Singh Patil, Hon'ble President of India.



### TECHNOLOGY WEEK

KVK - CTRI Organised Technology Week Celebrations from 24<sup>th</sup> to 31<sup>st</sup> January, 2012. A total number of 950 farmers, rural youth and officials from all the line departments participated in the programme.

### CASHEW SEMINAR

KVK - CTRI Organized Cashew Seminar on "Cashew nut processing methods - Value addition to cashew apple" on 22<sup>nd</sup> February, 2012 at KVK, Kalavacharla sponsored by DCCD, Cochin. A total number of 200 farmers, rural youth and



officials from all the line departments participated in the programme. A technical bulletin on "Cashew nut processing methods-Value addition to cashew apple" was released in the Seminar.

### DEMONSTRATION OF COCONUT HUSK REMOVER

KVK in collaboration with Rakhi Industries, Kakinada and Bharariya Kisan Sangh designed & fabricated a Coconut husk remover and was demonstrated at Bhatlapalem village. A total number of 50 farmers, officials and traders attended the programme.

### COCOA SEMINAR

A District-level Cocoa seminar was organized on "Cocoa - Beans processing methods" at Ainavalli village, East Godavari district. A total number of 150 farmers, officials from line departments and M/s Cadbury India Limited participated in the seminar.



### TV SHOWS

- ▲ Fodder production technologies was telecast by Doordarshan on 18.03.2012.
- ▲ Banana fibre extraction was telecast by Doordarshan on 20.03.2012.