



# CTRI News

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

## From the Director's Desk

In Andhra Pradesh, 173.91 M kg of FCV tobacco as against the authorised quantity of 167 M kg was marketed at an average price of ₹ 87.65/kg in the 2011 auctions conducted in different zones by the Tobacco Board, as detailed below:

Zone	Poduction (M kg)	Av. Price (₹/kg)
SBS	63.15	80.46
SLS	54.57	82.92
NLS	47.67	105.54
CBS	3.75	70.71
NBS	4.78	71.50
<b>Total</b>	<b>173.91</b>	<b>87.65</b>

In Karnataka, FCV tobacco auctions for the season 2011-12 have commenced and as on 30.09.2011 2.5 M kg was marketed at an average price of ₹ 110/kg.

(V. KRISHNAMURTHY)

## IRC MEETINGS

The Institute Research Committee (IRC) Meetings were held at CTRI, Rajahmundry from 18<sup>th</sup> to 20<sup>th</sup> August, 2011. Dr. P. Raghava Reddy, Former Vice-Chancellor, ANGRAU and the Chief Guest, inaugurated the meetings by lighting the lamp. The meetings started with the welcome address by Dr. C. V. Narasimha Rao, Principal Scientific Officer and Secretary, IRC. Dr. V. Krishnamurthy, Chairman, IRC & Director, CTRI presented the current global and national tobacco scenario. He gave a detailed presentation on the research achievements during 2010-11 and the challenges ahead. Dr. Raghava Reddy in his inaugural address complimented the CTRI scientists for their good work.

Dr. P. Raghava Reddy, Former VC, ANGRAU Dr. P.

Venkataramaiah, Former Professor & Head (Ag. Extension), Hyderabad, Dr. K. Sankar Reddy, ADR, LAM, Guntur, Dr. N.P. Eswara Reddy, Prof. & Head, Dept. of Plant Pathology, S.V. Agricultural College, Tirupati and Dr. V. Sankar Rao, Associate Dean, Agricultural College, Bapatla chaired different Technical Sessions and gave valuable suggestions for fine-tuning the research programmes on tobacco. Retired scientists of CTRI, officials of Tobacco Board, representatives of tobacco trade have actively participated in the meetings. The Scientists of CTRI and its Research Stations presented the progress of research work carried out during 2010-11 season. The technical programme for the crop season 2011-12 was thoroughly discussed and finalized.



Chief guest inaugurating the IRC Meetings



Release of publication

Delegates

## TRANSFER OF TECHNOLOGY

### RESEARCH PUBLICATIONS

- ✧ Amarnath, S., V. Krishnamurthy, K. Deo Singh, S. Roy and R.L. Arya (2011). Torsa - A high yielding early maturing Motihari tobacco (*N. rustica* L.) variety for Terai region of West Bengal. **Environment and Ecology** 29(2): 639-42.
- ✧ Anuradha, M., K. Nageswararao, C. Chandrasekhararao and V. Krishnamurthy (2010). Effect of nitrogen levels on growth, yield and quality of flue-cured tobacco. **Tobacco Research** 36(1&2): 55-8.
- ✧ Anuradha, M., V. Krishnamurthy, C. Chandrasekhararao and K. Nageswararao (2010). Effect of chloride in irrigation water on quality of flue-cured tobacco grown in irrigated Alfisols of Andhra Pradesh. **Tobacco Research** 36(1&2): 51-4.
- ✧ Chenchaiiah, K.C. (2010). Evaluation of botanicals against capsule borer, *Helicoverpa armigera* Hub. in FCV tobacco. **Tobacco Research** 36(1&2): 106-8.
- ✧ Dam, S.K., S. Dutta, S.K. Laha, S. Roy and P.M. Bhattacharya (2010). Effect of fungicides for management of Brown Spot disease of Motihari tobacco. **Journal of Mycopathological Research** 48(2): 221-5.
- ✧ Gangadhar, V., C.V. Narasimha Rao and V. Ranga Rao (2010). Studies on the interrelationships between selected leaf and smoke constituents of FCV tobacco I. Karnataka light soils. **Tobacco Research** 36(1&2): 31-5.
- ✧ Gangadhar, V., C.V. Narasimha Rao and V. Ranga Rao (2010). Studies on interrelationships between selected leaf and smoke constituents of FCV tobacco II. Northern light soils of Andhra Pradesh. **Tobacco Research** 36(1&2): 36-41.
- ✧ Kasturi Krishna, S., S.V. Krishna Reddy, V. Krishnamurthy and M. Anuradha (2010). Effect of N and K levels on proportion of lamina and midrib in different leaf positions of FCV tobacco. **Tobacco Research** 36(1&2): 109-11.
- ✧ Krishna Reddy, S.V., S. Kasturi Krishna and V. Krishnamurthy (2010). Effect of organic and integrated nutrition on FCV tobacco (*Nicotiana tabacum*) in irrigated Alfisols. **Tobacco Research** 36(1&2): 85-9.
- ✧ Krishnamurthy, V. and C.V. Narasimha Rao (2010). Tobacco: New dimensions. **Tobacco Research** 36(1&2): 1-8.
- ✧ Kumaresan, M., P. Harishu Kumar, V. Krishnamurthy, A.V.S.R. Swamy and K. Palanichamy (2010). Productivity and economics of advanced cheroot tobacco breeding lines under different spacings and K levels. **Tobacco Research** 36(1&2): 94-5.
- ✧ Kumaresan, M., P. Harishu Kumar, V. Krishnamurthy, A.V.S.R. Swamy and K. Palanichamy (2010). Effect of spacing and nitrogen levels on productivity and economics of chewing tobacco grown in Vedaranyam area of Tamil Nadu. **Tobacco Research** 36(1&2): 96-7.
- ✧ Lalitha Bharathi, J., U. Sreedhar, B. Kirhore, J.V. Prasad and K. Siva Raju (2010). Life table studies of *Spodoptera litura* (Fabricius) on select germplasm lines of tobacco. **Tobacco Research** 36(1&2): 59-64.
- ✧ Naidu, S.K., K. Sarala, K. Suman Kalyani and S. Nageswara Rao (2010). Popularization of FCV tobacco variety Siri through FLDs in northern black soils of Andhra Pradesh. **Tobacco Research** 36(1&2): 103-5.
- ✧ Panda, A.R., R. Sreenivasulu, K.C. Chenchaiiah and A. James (2010). Development of FCV tobacco hybrids for SLS areas of Andhra Pradesh. **Tobacco Research** 36(1&2): 19-23.
- ✧ Prasad, J.V., U. Sreedhar, S. Gunneswara Rao and V. Krishnamurthy (2010). Ecological role of *Nesidiocoris tenuis* (Hemiptera : Miridae): An omnivorous mirid bug in tobacco crop ecosystem. **Tobacco Research** 36(1&2): 12-5.
- ✧ Ravisankar, H. and V. Krishnamurthy (2010). Information system for leaf quality evaluation in flue-cured tobacco. **Tobacco Research** 36(1&2): 47-50.
- ✧ Sreedhar, U. (2010). Evaluation of emamectin benzoate against *Spodoptera litura* (Fabricius) in tobacco nurseries. **Tobacco Research** 36(1&2): 42-6.
- ✧ Subhashini, D.V. and K. Padmaja (2010). Compatibility of *Pseudomonas fluorescens* with fungicides. **Tobacco Research** 36(1&2): 98-9.
- ✧ Subhashini, D.V. and K. Padmaja (2010). Phyllosphere microfungi of FCV tobacco leaf. **Tobacco Research** 36(1&2): 100-2.
- ✧ Suman Kalyani, K. and V.V. Lakshmi Kumari (2011). Sampurna Aarogyaniki Taaja Aaku kuralu. **Annadata** 43(10): 74-7.
- ✧ Sumana, K., N.S. Devaki, S. Ramakrishnan and M.M. Shenoi (2010). Nematicidal effect of *Fusarium oxysporum* culture filtrates on *Meloidogyne incognita*. **Tobacco Research** 36(1&2): 81-4.
- ✧ Swamy, A.V.S.R., V. Krishnamurthy, K. Palanichamy and M. Mohan (2010). Sangami: A high yielding country cheroot tobacco variety for Tamil Nadu. **Tobacco Research** 36(1&2): 16-8.



- ✦ Swamy, A.V.S.R., V. Krishnamurthy, K. Palanichamy, C.V. Narasimha Rao and M. Mohan (2010). Evaluation of tobacco hybrids for production of high seed and oil yield under Tamil Nadu conditions. **Tobacco Research** 36(1&2): 115-6.
- ✦ Venugopala Rao, P.V., A.R. Panda, C.V. Rao, R. Sreenivasulu, V. Venkateswarlu, J.V. Prasad and K.C. Chenchiah (2010). N-98: A promising FCV tobacco line for SLS and SBS areas of Andhra Pradesh. **Tobacco Research** 36(1&2): 24-30.

**NATIONAL SEMINAR ON ALTERNATIVE CROPS**

A National Seminar on "Alternative crops to FCV tobacco in A.P." was organized jointly by Tobacco Board, Guntur and CTRI during 19-20 September, 2011 at CTRI, Rajahmundry. The Chairman, Tobacco Board has inaugurated the Seminar by lighting the lamp. Several progressive tobacco growers from A.P., scientists of CTRI, ANGRAU, Lam Farm, Guntur, Scientists of Ag. College, Rajendranagar, Hyderabad and Dr. Sai Kumar, Director, Directorate of Maize Research, New Delhi have participated in the Seminar. In the Seminar, prospects of growing economically viable alternative crops to FCV tobacco were discussed.



Chairman, Tobacco Board inaugurating the Seminar

**HINDI FORTNIGHT CELEBRATIONS**

Hindi Fortnight Celebrations were organized at the Institute from 17.09.2011 to 30.10.2011. Dr. V. Krishnamurthy, Director, CTRI inaugurated the celebrations by lighting the lamp. Officers/ Staff of CTRI have participated in various events/ competitions held during the Hindi Fortnight.

The Valedictory Function was organized on 03.10.2011. Dr. U. Sreedhar, Member, OLIC has welcomed the gathering. Sri Ch. Srirama Rao, Member-Secretary, OLIC read out the messages received from the Hon'ble Minister of Agriculture Shri Sharad Pawar and Hon'ble Secretary, DARE and Director-General, ICAR, Dr. S. Ayyappan and submitted the progress report on Hindi usage. Smt. V.

Jhansi Eswamma was the Chief Guest and Dr. V. Krishnamurthy presided over the function. Director, CTRI appealed that all the officers and staff should learn and speak in Hindi in the office and to do maximum correspondence in Hindi language.

Smt. V. Jhansi Eswamma opined that Hindi will be more useful as a link language to show that the people of different regions and languages of India are one and that Hindi will be useful for the growth, development and unity of the country. She distributed prizes to the officers/ staff who have participated in various competitions and won the prizes during the Hindi Fortnight.



Inauguration of Hindi Fortnight Celebrations on 17.09.2011



Chief guest distributing the prizes

## PERSONALIA

### APPOINTMENTS

- Rakesh Kumar Ghosh has been appointed to the post of Scientist in the discipline of Organic Chemistry at CTRI, Rajahmundry on 05.09.2011.

### RETIREMENTS

- R. Sreenivasan, Tech. T-1-3, CTRI Research Station, Vendasandur retired from Council's service on 31.07.2011.
- S.K. Farid, SSS, CTRI, Rajahmundry retired from Council's service on 31.07.2011.
- Kafruddin Miah, SSS, CTRI Research Station, Dinhata retired from Council's service on 31.07.2011.
- A. Siva Koteswara Rao, Techn. T-4, CTRI Research Station, Kandukur retired from Council's service on 31.09.2011.

### OBITUARY

- Smt. M.V. Vijaya Lakshmi, Assistant, CTRI Research Station, Guntur expired on 15.08.2011.

## MEETINGS/ VISITS OF DR. V. KRISHNAMURTHY, DIRECTOR, CTRI

- Attended the Directors' Conference of the ICAR Institutes on 15.07.2011 at NBPGR Auditorium, NBPGR, Pusa, New Delhi and 83<sup>rd</sup> ICAR Foundation Day and Award Ceremony of DAC, PPVFRA & ICAR on 16.07.2011 at A.P. Shinde Symposium Hall, NASC Complex, DPS Marg, New Delhi.
- Attended the one day Meet of the Presidents/ Secretaries/ Key Functionaries of Professional Societies scheduled and held on 22.07.2011 at NASC Conference Hall, NASC Complex, DPS Marg, Pusa, New Delhi.
- Inspected the CTRI Research Station, Hunsur and monitored the progress of research work being carried out under the Institute and AINRP(T) projects. Surveyed the FCV tobacco growing areas in H.D.Kote, Hunsur, Kampalapura, Periyapatna and Ramanathapura areas in Karnataka light soils along with the Members of the Institute Project Monitoring and Evaluation Committee from 04.08.2011 to 06.08.2011 and gave suggestions for quality tobacco production.
- Attended the meeting of the Committee for Production & Production Control - Fixation of FCV tobacco Crop Size for Andhra Pradesh during 2011-12 held at Tobacco Board Office, Guntur and Inspected the CTRI Research Station, Guntur and monitored the progress of research work being carried out under the Institute and AINRP(T) projects on 11.08.2011.
- Inspected the on-going field experiments/projects/works of Institute and AINRP(T) at CTRI Research Station, Guntur and tobacco nurseries in farmers fields and visited tobacco seed oil extraction plants and attended the meeting at Tobacco Board, Guntur in connection with discussion and finalise the issue on organizing the National Seminar on "Alternative Crops to FCV tobacco " on 06.09.2011.
- Inspected the on-going field experiments/ projects/ works of Institute and AINRP(T) at CTRI Research Station, Kandukur and tobacco nurseries in farmers fields and the tobacco oil extraction plants in Prakasam district on 07.09.2011.
- Attended the 2<sup>nd</sup> Special Meeting of Vice-Chancellors' and Project Co-ordinators of AICRPs and AINRPs held at Dr.A.P.Shinde Auditorium, on 26<sup>th</sup> Sept., 2011 at National Agriculture Science Centre, DPS Marg, New Delhi.
- Visited the CRIJAF, Barrackpore, Kolkata during 27-28<sup>th</sup> Sept., 2011 and interacted with the Director and Scientists on Jute and Allied Fibre crops to explore the possibility of growing Jute for seed purpose and also as an alternative crop to tobacco in Black soils of A.P. and at CTRI-KVK, Kalavacharla.