



CTRI News

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

From the Director's Desk

Unprecedented heavy rains during 1st fortnight of October, 2nd fortnight of November and 1st fortnight of December have caused severe damage to the transplanted Virginia tobacco in Coastal Andhra leading the water-logging and damage to the tobacco crop in East Godavari, West Godavari, Khammam, Guntur, Krishna, Prakasam and Nellore districts. The farmers had to invest lot of money for repeated transplanting (2-3 times) incurring heavy expenditure.



against the authorized quantity of 170.2 M kg, 206.8 M kg was produced and sold in the Tobacco Board Auction Platforms at an average price of ₹ 80.23 having a total economic value of ₹ 1658 crores. However, a decline ranging from ₹ 35/- to 40/- was observed in the average price per kg in different zones.

In Karnataka, as against the fixed crop size of 100 M kg, 51.05 M kg has been marketed at an average price of ₹ 93.76 per kg till 31.12.2010. It is expected that KLS farmers would get better prices for 2010 crop.



Crop damage in Black soils due to heavy rains
Following the rains, diseases like black shank, brown spot and other leaf spot diseases have caused further damage to the crop. Other tobacco types viz., Burley, Lanka, Natu, HDBRG and Bidi are also affected due to heavy rains. Growers started draining over the excess water and carrying out cultural operations like opening the plough furrow etc. to save the crop and to boost the crop growth.



Crop damage in Katheru Farm due to heavy rains

In Andhra Pradesh, marketing of 2009-10 FCV crop was completed. As



Crop damage in Red soils due to heavy rains



Crop damage in Light soils due to heavy rains

(V. KRISHNAMURTHY)

DG, ICAR VISITS CTRI RS, HUNSUR

- Dr. S. Ayyappan, Secretary, DARE and DG, ICAR visited CTRI Research Station, Hunsur on 13.11.2010.



DG, ICAR with the staff and progressive farmers



DG, ICAR interacts with the scientists

RESEARCH HIGHLIGHTS

CTRI RS, Hunsur

✧ In KLS, pod borer, *Helicoverpa armigera* incidence was found to be more in field bean, pigeonpea and cowpea crops in tobacco based cropping system, while caterpillar, *Spodoptera litura* and Aphid, *Aphis croccivora* were below ET level (<5%).

✧ Root - knot nematode, *Meloidogyne* spp., and reniform nematode, *Rotylenchulus reniformis* were found to be associated with FCV tobacco in all tobacco growing areas of Mysore district. A mild population of *Pratylenchus* spp. was also found in Hunsur and Periyapatna taluks.

TRANSFER OF TECHNOLOGY

RESEARCH PUBLICATIONS

- ✧ Suman Kalyani, K., V. Krishnamurthy, C.C.S. Rao and N. Aruna Kumari (2010). Front Line Demonstration on Management of Tea Mosquito Bug. **Indian Journal of Plant Protection** 38(1):95-7.

Popular articles

- ✧ Suman Kalyani, K., V. Krishnamurthy (2010). పశుపోషణతోనే ఆహార భద్రత, ఆర్థిక స్థావరాలను అవకాశం. **Annadata** 42(7):12-4.
- ✧ Suman Kalyani, K. (2010). పోషక నిధి బొప్పాయిలో పలుకరాల ఆహార పదార్థాలు. **Swarna Sedyam** 13(9):12-5.
- ✧ Suman Kalyani, K., V. Krishnamurthy and V.V. Lakshmi Kumari (2010). తాజా ఆకు కూరలు పుష్కలంగా లభించే పోషకనిధి - ఆరోగ్య ప్రదాయని. **Swarna Sedyam** 13(12):18-24.
- ✧ Suman Kalyani, K. and V. Krishnamurthy (2010). స్త్రీల శ్రమను తగ్గించే వ్యవసాయ పరికరాలు. **Annadata** 42(10):58-60.
- ✧ Suman Kalyani, K. and V. Krishnamurthy (2010). పశుపోషణ - ఆహార భద్రతకు అనువైన మార్గం. **Swarna Sedyam** 13(12):35-8.
- ✧ Suman Kalyani, K. and V. Krishnamurthy (2010). రాగులు - ఊబకాయాన్ని నిరోధించే మేలైన చిరు ధాన్యం. **Swarna Sedyam** 14(1):17-21.

CONFERENCES/ TRAININGS/ WORKSHOPS ATTENDED

- ✧ T. Krishna Reddy, Tech. Officer attended the training course on "Research station management" at ICRISAT, Patancheru during 11-16 October, 2010.
- ✧ Dr. U. Sreedhar, Head, Crop Protection attended the 3rd Conference on "Biopesticides : Emerging trends BET 2010

- biopesticides in food and environmental security" at CCSHAU, Hisar during 20-22 October, 2010.
- ✧ Dr. C.C.S. Rao, Head, Crop Production attended the "Annual zonal workshop of KVKs (Zone V)" at YCMOU, Nasik during 20-22 October, 2010.
- ✧ Dr. C.P. Rao, Head, CTRI RS, Hunsur attended the meeting convened by Forest Minister to discuss alternative fuels for processing of tobacco on 25.10.2010 at Bangalore.
- ✧ C.V.K. Reddy, Tech. Officer attended the sensitization cum training Workshop on "Project information and management system (PIMS-ICAR)" at NAARM, Hyderabad on 25.10.2010.
- ✧ Dr. J.V. Prasad, Head, CTRI RS, Guntur attended the National Seminar on "Recent outlook on sustainable agriculture, livelihood security and ecology of coastal region" at Goa during 26-30 October, 2010.
- ✧ E. Vijaya Prasad, Tech. Officer attended the meeting on "National consultation on biological control of papaya mealy bug" at NBAI, Bangalore on 30.10.2010.
- ✧ Dr. K. Siva Raju, Principal Scientist attended the National Workshop on "Advanced techniques in molecular biology and genetic engineering" at AU, Visakhapatnam during 30-31 October, 2010.
- ✧ Dr. U. Sreedhar, Head, Crop Protection attended the interactive meet on "Information and communication technology in ICAR" at NASC Complex, New Delhi during 3-4, November, 2010.
- ✧ Dr. C.C.S. Rao, Head, Crop Production and Dr. D. Damodar Reddy, Head, CC & SS attended the National seminar on "Developments in soil science-2010" at IISS, Bhopal during 14-17 November, 2010.
- ✧ Dr. C.P. Rao, Head, CTRI RS, Hunsur along with the Director, CTRI attended the meeting convened by Forest Minister to discuss alternative fuels for processing of tobacco on 18.11.2010 at Bangalore.
- ✧ Dr. K. Siva Raju, Principal Scientist and Dr. M. Anuradha, Sr. Scientist attended the National Conference of Plant Physiology on "Physiological and molecular approaches for crop improvement under changing environment" at BHU, Varanasi during 25-27 November, 2010.
- ✧ Dr. S.V. Krishna Reddy and Dr. S. Kasturi Krishna, Sr. Scientists attended the National Symposium on "Resource management approaches towards livelihood security" at UAS, Bangalore during 2-4 December, 2010.
- ✧ Dr. H. Ravisankar, Sr. Scientist attended an International Training programme on "Bio-informatics" sponsored by NAIP, ICAR, New Delhi at George Mason University, Manassas, Virginia, USA during Sep. 20 - Dec. 20, 2010.

RADIO TALKS

- ✧ A radio talk on ఎవర్డీనియా పొగాకులో అధిక దిగుబడులకు ఆధునిక యాజమాన్య పద్ధతులు' (Improved package of practices for higher yields in FCV tobacco) by Dr. K. Suman Kalyani broadcast by AIR, Visakhapatnam on 28.11.2010 at 7.15 pm.

TECHNOLOGY WEEK CELEBRATIONS

Technology Week was celebrated at KVK Instructional farm, Kalavacharla from 20 – 26th November, 2010 in collaboration with ATMA, E.G.Dt. Inaugural session was presided over by Dr. V. Krishnamurthy, Director, CTRI, Rajahmundry. Sri K.S. V. Prasad, I/c JDA, Sri. M.P. Adarana Kumar, Deputy Project Director, ATMA, Kakinada, Sri. K. Venugopala Rao, Coordinator, DAATT Centre, Kakinada, Dr. C.C.S.Rao, Programme Coordinator, Dr. S.V.S. Gangadhar, Sr. Scientist, ARS Peddapuram have also attended the inaugural session. Heads of Divisions of CTRI, Scientists from ANGRAU and APHU, Officials from Department of Agriculture, Horticulture attended the

program. A total number of 970 famers from different mandals of E.G.Dt. have participated in the programe.

During the Technology Week celebrations, farmers were educated in improved technologies for better farming, importance of soil and water analysis, cultivation practices in Paddy, pest and disease management in field crops, integrated nutrition for complete health and nutrition, improved production technologies in orchards, cultivation practices in banana, tapioca and vegetable crops, improved fodder varieties, poultry management and management practices for enhancing milk yield.



Inauguration of Technology Week



Releasing the booklet "Improved technologies for better farming"

VISITORS

- A total of 52 students of final year from ANGRAU – Polytechnic College, Maruteru on 29.10.2011 as part of their study tour programme.
- Dr.S.K.Dutta, DDG(CS), ICAR, New Delhi visited CTRI on 4.11.2010.
- A total of 50 M.Sc. (Final) Analytical and Organic Chemistry students from Sri Veeresalingam Theistic College, Rajahmundry visited CTRI on 07.12.2010.
- A total of 100 B.Sc. students from Samhita Degree & P.G. College, Rajahmundry visited CTRI on 09.12.2010.
- A total of 46 B.Sc. students from BVRICE, Bhimavaram, West Godavari visited CTRI on 09.12.2010.
- A total of 80 M.Sc. students from V.S Lakshmi Women's Degree and P.G. College, Kakinada visited CTRI on 10.12.2010
- A total of 28 M.Sc. Biotechnology students from Dr. V. S. Krishna Govt. College, Visakhapatnam visited CTRI on 22.12.2010.

DIRECTOR VISITS BRAZIL

Dr. V. Krishnamurthy, Director, CTRI and Dr. C.V. Narasimha Rao, Principal Scientist, Div. of Crop Chem. & Soil Science attended the 29th Meeting of ISO/TC 126 held at Rio de Janeiro in Brazil during October 26 - 28, 2010 for development of international

standards on tobacco and tobacco products. In the meeting, Dr. Krishnamurthy presented the New Work Item Proposal on "Bidi – Determination of Total and Nicotine-Free Dry Particulate Matter (TPM and NFDPM) using a Routine Analytical Smoking Machine".



Indian delegation to ISO/TC-126 meeting at Rio, Brazil



Director making presentation on "Bidi Smoke Analysis"

PERSONALIA

RETIREMENTS

- M. Satyanarayana Murthy, SSS, BTRC, Kalavacharla retired from Council's service on 31.10.2010.
- L. Sathemma, SSS, KVK, Kalavacharla retired from Council's service on 31.10.2010.
- B. Sarojini, SSS, CTRI RS, Guntur retired from Council's service on 30.11.2010.
- N. Nookaraju, SSS, KVK, Kalavacharla retired voluntarily from Council's service w.e.f. 09.12.2010.
- Podi Musalayya, SSS, CTRI Farm, Katheru retired from Council's service on 31.12.2010.
- Sandra Subbulu, SSS, CTRI RS, Guntur retired from Council's service on 31.12.2010.
- P. Vellathayee, SSS, CTRI RS, Vendasur retired from Council's service on 31.12.2010.

OBITUARY

- Kursheed, SSS, CTRI RS, Hunsur expired on 11.11.2010.
- K. Penial, SSS, CTRI, Rajahmundry expired on 19.11.2010.
- M. Chandra Rao, SSS, CTRI, Rajahmundry expired on 11.11.2010.

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

- Inspected the on-going experiments/works at CTRI Res. Station, Guntur and attended the official meeting at Agricultural College Bapatla on 05.10.2010.
- Attended the Input Committee Meeting for A.P. in the Conference Hall of the Tobacco Board, Guntur on 06.10.2010.
- Attended the 129th Meeting of the Tobacco Board held at Hyderabad on 08.10.2010 to fix the crop size for A.P.
- Attended the Briefing Meeting at BIS, New Delhi on 21.10.2010 in connection with the 29th meeting of ISO/TC-126 and related meetings scheduled to be held from 26-28 October, 2010 at Rio-de-Janeiro, Brazil.
- Attended the National Farm Innovators Meet-2010 organized by Divn. of Agricultural Extension, ICAR at JSS KVK, Suttur, Mysore District and made a presentation on "Tobacco as a medicinal plant and alternative uses of tobacco" and accompanied the Director-General, ICAR in connection with his visit to CTRI RS, Hunsur. Visited the Hunsur Farm area & office and participated in the official meeting with the farmers and later with the staff on 13.11.2010.
- Attended the meeting on "Substitution of firewood in processing the Tobacco leaf and other Agriculture and Horticulture products such as Areca, Turmeric, Ginger etc." held in the office of the Forest Minister, Bangalore on 18.11.2010.
- Attended the "Interface Meeting of Crop Science, Horticulture and NRM Divisions to discuss the various issues related to data sharing, management, strengthening and integration of databases among the related SMDs" at NASC Complex, Pusa, New Delhi. Held discussions with the Chairman, RAC of CTRI & Vice-Chancellor, ANGRAU on RAC matters at his Chamber at Rajendranagar, Hyderabad and visited DOR, Rajendranagar for discussion on Tobacco Seed Oil Project and gave a lecture on "Tobacco as a Cash Crop and a Medicinal Plant" to the Scientists of DOR, Hyderabad during 23-24 Nov., 2010.
- Attended the 130th Meeting (Special) of the Tobacco Board, Ministry of Commerce held at Conference Hall, The Ashok Hotel, Chanakyapuri, New Delhi and attended the important official work at ICAR, New Delhi on 21.12.2010.
- Attended the 5th National Conference on KVK-2010 held on 22-23, Dec., 2010 at Maharana Pratap University of Agriculture & Technology, Udaipur, Rajasthan during 22-23 Dec., 2010.
- Inspected the CTRI Research Station, Guntur and overseen the works in connection with Platinum Jubilee Celebrations of CTRI RS, Guntur & farm fields and monitored the experiments/projects in the Station and observed the performance of alternative crops to FCV tobacco in CBS/SBS/SLS under heavy rainfall situation of 2010-11. Inspected the CTRI Research Station, Kandukur, farmers' fields and interacted with the farmers on FCV tobacco crop situation under heavy rainfall conditions on 29.12.2010.