



# समाचार Newsletter

Vol.18  
No.1  
Jan. - Mar.  
1996

## Central Tobacco Research Institute

### RESEARCH HIGHLIGHTS

#### HIGH YIELDING BURLEY VARIETY IN FARMER'S FIELD

□ Banket A1, a new exotic burley variety released by CTRI recorded an yield of 2700 kg/ha in the field of a progressive tobacco farmer, Sri Polina Venkataratnam of Mulakallanka village.



#### AT CTRI RES. STATION KANDUKUR

□ Pipe line flue-cured tobacco variety CY 79 has performed well in bulk observation plot and was found highly promising.

### TRANSFER OF TECHNOLOGY

#### AT CTRI RES. STATION, KANDUKUR

□ Farmers meeting was arranged by Tobacco Board, Kaligiri Auction Platform at Duttalure, Kammavaripalem on 25.1.96. Sri R. Srinivasulu and Sri V. Venkateswarlu, Scientists of this Research Station have participated.

□ Training was imparted to Tobacco Board staff of Ongole Auction Platform I & II and farmers of Punamitta Village on Tobacco Production Technology by Sri R. Srinivasulu and Sri V. Venkateswarlu on 30.1.96.

#### AT CTRI RES. STATION, PUSA

##### Farmers day

□ Farmers day was organised at the Research Station on 8.2.96 and about 500 farmers, extension workers and officials from State Government have participated. Dr. A.K. Srivastava, Director of Research, Vice-chancellor (I/c), RAU, Pusa was the Chief Guest. Sri Devki Nandan Prasad Singh, Convenor, Bihar State Progressive Farmers Association, presided over the function. Sri N.B. Singh, Member, National Tobacco Development Council was the Special Chief Guest on the occasion.

Dr K.D. Singh, Officer-in-charge, while welcoming the gathering highlighted the achievements of the Research Station. Dr A.K.

Srivastava and Sri Devki Nandan Prasad Singh complimented the Scientists for the service rendered by the station in the economic upliftment of farming community. Dr S. Amarnath and Dr Tripathi, Senior Scientists of the station explained about the improved Tobacco Production Technologies developed by the station. Prizes were distributed to the farmers and shield for **Best Tobacco Grower of Bihar, 1995** was given to Sri Shreechand Mahta of Kamaraon, Samastipur who also bagged the first prize in the 'Cured leaf competition'. Dr S.N. Tripathi proposed vote of thanks.

#### AT CTRI RES. STATION, VEDASANDUR

##### Farmers and Traders meet

□ Farmers and Traders meet was organised at the station on 18.3.96 and about 100 tobacco farmers and traders have participated. Dr M.S. Chari presided over the function and Dr K. Palanichamy welcomed the gathering. Dr Chari exhorted the farmers to adopt improved agrotechniques developed by CTRI and its Research Station to increase the productivity and profitability of tobacco cultivation. On this occasion Dr. Chari was felicitated by tobacco farmers, traders and staff of the Research Station on his successful completion of ten years of service as Director, CTRI. Sri Kumaresan, Scientist proposed vote of thanks.



Dr.K.Palanichamy and Dr.M.S.Chari at the framers meet

## RADIO TALKS

- లంక పొగాకు పంటలో మేలైన యాజమాన్య వద్దతులు. By Sri V.V. Ramana Rao on AIR, Visakhapatnam, 29.2.96.
- తక్కువ ఖర్చుతో గృహ అలంకరణ వస్తువులు. Low Cost decorative articles. By Sri R. Sudhakar on AIR, Visakhapatnam, 13.1.96.
- వ్యవసాయాభివృద్ధిలో కృషి విజ్ఞాన కేంద్రాల పాత్ర. Role of KVKs in Agricultural development. By Sri P.V. Prasada Rao on AIR, Visakhapatnam, 23.3.96.
- పొగాకు రెలువు క్యూరింగులో మెళకువలు. By Sri R. Subba Rao on AIR, Vijayawada, 1.1.96.
- పొగాకు గ్రేడింగు. By Dr. T. Sitaramachari on AIR, Vijayawada, 24.2.96.
- तम्बाकू कटाई एवं शोधन करया विधि। By Dr K.D. Singh on AIR, Patna, 26.2.96.
- तम्बाकू फसल की देखरेख । By Dr S.N. Tripathi on AIR, Darbhanga, 21.2.96.
- Tobacco Curing Technology By Sri M. Mohan on AIR, Madurai, 8.3.96.

## PAPERS PUBLISHED

- PRASANNASIMHA RAO, G.S.B. Heterosis and combining ability in cigar filler tobacco (*N. tabacum* L.). **Tob. Res.** 21:28-36, 1995.
- RAMACHANDRAM, D., J.A.V. PRASADA RAO, CH. SREERAMAMURTHY and M. SOMESWARA RAO. Effect of spacing and N-levels on the yield and quality of flue-cured tobacco Cv. McNair-12 grown in NLS of Andhra Pradesh. **Tob. Res.** 21:11-5, 1995.
- SUBBARAO, R., R. SINHA, B.V. RAMAKRISHNAYYA and S. NAGESWARA RAO. Effect of different sources of nitrogen on agency burley tobacco. **Tob. Res.** 21:91-2, 1995.
- SITARAMAIAH, S., G. RAMAPRASAD, S. NAGESWARA RAO, S.V.V. SATYANARAYANA and V. KRISHNAMURTHY. Insecticidal control of root bug, *Stibaropus tabulatus* Schio in river-side lanka tobacco. **Tob. Res.** 21:44-8, 1995.
- SREERAMAMURTHY, CH and V. KRISHNAMURTHY. నాటు పొగాకు గ్రేడింగు - నాణ్యతా లక్షణాలు. Eenadu, 20.2.96 E.G.Dt.

PRASADA RAO, J.A.V., D. RAMACHANDRAM and Y. RAMABAI. Effect of levels and phased application of potassium on leaf potassium, yield and quality of tobacco grown in NLS. **Tob. Res.** 21:40-3, 1995.

MURTHY, K.S.N., J.A.V. PRASADA RAO, CH. PULLA RAO, K. SURYANARAYANA and S.S. PRASAD. Effect of sources and levels of potassium on yield and quality of irrigated natu tobacco. **Tob. Res.** 21:88-90, 1995.

TRIPATHI, S.N., K.D. SINGH and A.K. PANDEY. Influence of crop rotations on yield, quality and economics of chewing tobacco. **Tob. Res.** 21:93-6, 1995.

AMARNATH, S., N.S. MURTHY and K.D. SINGH. Heterosis in chewing tobacco. **Tob. Res.** 21: 93-6, 1995.

SHENOI, M.M., S.M. ABDUL WAJID and S.S. SRINIVAS. Relationship between meteorological factors and anthracnose disease of FCV tobacco nursery. **Tob. Res.** 21:49-57 1995.

ABDUL WAJID, S.M., M.M. SHENOI and S.S. SRINIVAS. Seed bed soil solarization as a component of integrated disease management in FCV tobacco nurseries of Karnataka. **Tob. Res.** 21:58-65, 1995.

RAO, S.V., J.S.L. MOSES, K.N. SUBRAHMANYA, M.M. SHENOI, S.M. ABDUL WAJID and S. RAMESH. Evaluation of advanced breeding line FCH 6534 - A chemical mutant. **Tob. Res.** 21: 79-82, 1995.

### TRAINING TO ARS SCIENTIST

- Dr J.V. Prasad, ARS Scientist (Entomology) was imparted Training in all the Divisions/Sections of CTRI from 26-2-96 to 11-3-96 to acquaint with the research work and facilities available in the Institute.

## CONFERENCES/WORKSHOPS

□ Dr M.S. Chari, Director attended International Neem Conference held at Gatton College, The University of Queensland, Australia from February 4-9, 1996 and presented a paper entitled "Bioefficacy of natural pesticides from neem and pongamia against *Spodoptera litura* Fabricius (Lepidoptera: Noctuidae)".

□ Dr G. Raghupathi Rao attended National workshop on pesticide application technology on cotton at Nagpur from 19-20, March '96 and presented a paper entitled "Factors affecting the application of pesticides on cotton".

## Ph.D. AWARDED

Dr K. Siva Raju, Scientist of this Institute has been awarded Ph.D. in Biochemistry for his thesis entitled **Nitrate metabolism in free-living and symbiotic *Azorhizobium caulinodans* strain IRBG-46** by Indian Agricultural Research Institute, New Delhi on 9.2.96. **Congratulations.**

## Ph.D. AWARDED under the guidance of Dr. P. HARISHU KUMAR

Dr. P. Prabhakara Rao, Lecturer in Botany, Government Junior College (Girls), Kovvur has been awarded Ph.D. in March 1996 for his thesis **The effect of Zinc on the growth and yield of FCV Tobacco** under the guidance of Dr. P. Harishu Kumar, Sr. Scientist (Agronomy) and Officer-in-charge, CTRI Research Station, Guntur and with the external guidance of Prof. E. Subba Reddy, Department of Environmental Sciences, Andhra University, Waltair.

## DESK TOP PUBLISHING (DTP) SYSTEM

□ Desk top publishing (DTP) system was installed in Library for type setting of all types of publications generated by the Institute. The system consists of (1) Apple Macintosh Performa 5200 CD (2) Apple Laser writer 16/600 PS and (3) Some software procured for this system use.

## VISITORS OBSERVATIONS AT CTRI, RAJAHMUNDRY

□ Very much impressed and learnt so much on tobacco activities in varietal improvement in different types of soils and crop management. All the farmers felt that this is the best opportunity to visit the Institution. We wish every success of CTRI.

Farmers from Nepal  
27.1.96



Dr. M.S. Chari inaugurating DTP System in the Library

## APPOINTMENTS

Name	Grade	Place of Duty	Date
Sri Ranjit Rai	L.V. Driver	CTRI RS, Pusa	21-12-1995
Sri G. Puttamallaiah	Tech. T-1	CTRI RS, Pusa	23-12-1995
Sri Anirudha Sinha Mahapatra	Tech. T-1	CTRI RS, Dinhat	29-12-1995
Sri K.V.V. Satyanarayana	Carpenter	CTRI, Rajahmundry	14-02-1996
Kum G. Mari Bhanu Sujatha	Jr. Clerk	CTRI, Rajahmundry	14-03-1996
Sri Md. Elias	Jr. Clerk	CTRI, Rajahmundry	15-03-1996
Sri K.T.R. Singh	Jr. Clerk	CTRI, Rajahmundry	22-03-1996

## RETIREMENTS

Name	Grade	Reason	Date
Sri S.K.M. Sastry	Supdt.	Superannuation	29-02-1996 AN
Sri J. Anjaneyulu	Tech.(T-1-3)	Superannuation	29-02-1996 AN
Sri M. Manickam	S.S.Gr.III	Superannuation	29-02-1996 AN
Sri D. Ramachandram	Scientist	Voluntary	18-03-1996 FN

## KRISHI VIGYAN KENDRA

S.No.	Name of the programme	Trainees	Village/ District	Duration
<b>Special Training Programmes</b>				
1.	Integrated pest management for control of <i>Spodoptera</i> in field crops	116 farmers		10.1.96
2.	Milch Animal management (Collaboration with AIBRD)	52 farmers	Srikakulam District	23.1.96 to 25.1.96 and 1.3.96 to 3.3.96
3.	Participatory Technology Development and field problems	13 Veterinary Assistant Surgeons	Mandapeta	8.2.96
4.	Cloth bag making (TRYSEM Training programme)	20 female rural youth	Pallakadium	15.2.96 to 14.3.96
5.	Banana and Mesta fibre products	28 female rural youth	Narendrapuram and Murari	7.2.96 to Two months
6.	Coir Products	15 farm weavers	Kalavacherla	7.3.96 to 6.4.96

### EXHIBITION

An exhibition was conducted at Regional Agricultural Research Station, Peddapuram on 9.1.96 and exhibited all the products developed by KVK. Nearly 200 farmers visited the stall and learnt about the KVK activities.

### अनुसंधान विशिष्टताएँ

राजसन्धी : सी.टी.आर.आई. द्वारा विकसित नई विदेशी किस्म बैकेट ए-1 ने मुलक्का लंका गाँव के प्रगतिशील किसान श्री पेलेना वैकटारतनम के खेत में 2700 किलो ग्राम प्रति हेक्टर उपज दर्ज की।

#### "पोधोगिकी का हस्तीतरण"

सी.टी.आर.आई. अनुसंधान केन्द्र, पूसा : दिनांक 8-2-1996 को अनुसंधान केन्द्र में कृषक दिवस आयोजित किया गया जिसमें 500 कृषकों, प्रसारकार्य कर्ताओं तथा राज्य सरकार के अधिकारियों ने भाग लिया। डा.ए.के.श्रीवास्तव, अनुसंधान निदेशक/प्रभारी कुलपति राजेन्द्र कृषि विश्वविद्यालय, पूसा मुख्य अतिथि थे। किसानों को पुरस्कार वितरित किये गये तथा बिहार के अत्तम तम्बाकू कृषक का शील्ड, समस्तीपूर के कामरोन के श्री श्रीचन्द्र महतो को प्रदान किया गया जिन्होंने शोधित तम्बाकू

पत्ती प्रतियोगिता में भी प्रथम पुरस्कार प्राप्त किया।

#### सी.टी.आर.आई. अनुसंधान केन्द्र, वेदसंदूर

कृषकों और व्यापारियों की गोष्ठी : अनुसंधान केन्द्र में दिनांक 18-3-1996 को कृषकों और व्यापारियों की गोष्ठी आयोजित की गयी जिसमें 100 तम्बाकू कृषकों और व्यापारियों ने भाग लिया। इस अवसर पर तम्बाकू कृषकों, व्यापारियों और अनुसंधान केन्द्र के कर्मचारियों द्वारा डा.चारी का अभिन्नदन किया गया। कृषि विज्ञान केन्द्र : कृषि विज्ञान केन्द्र में विभिन्न विषयों में 7 प्रशिक्षण कार्यक्रम आयोजित किये गये जिसमें 158 कृषकों, 63 ग्रामिण युवक/युवतियों तथा 13 अधिकारियों ने भाग लिया।

संगोष्ठियां/सम्मेलन/कार्यशालाएँ : डा.एम.एस.चारी,

निदेशक ने 4 फरवरी से 9 फरवरी तक आस्ट्रेलिया में, क्वीन्सलेण्ड विश्वविद्यालय के गेटन कालिज में आयोजित अर्न्तराष्ट्रीय नीम सम्मेलन में भाग लिया तथा नीम और पोगामिया से प्राप्त प्राकृतिक पेस्टीसाइड्स की स्प्रीडपट्टा लिटुरा के प्रति जैव दक्षता पर एक पैपर प्रस्तुत किया।

#### अन्य गतिविधियाँ

- संस्थान व अनुसंधान केन्द्रों के अधिकारियों/कर्मचारियों द्वारा आकाशवाणी के विभिन्न केन्द्रों पर 8 वार्ताएँ आयोजित की गयी।
- वैज्ञानिकों और अधिकारियों द्वारा 12 पैपर प्रकाशित किये गये।
- विभिन्न पदों में 7 व्यक्तियों के नियुक्ति की गयी।
- चार व्यक्ति सेवाकाल पूरा होने के बाद सेवा निवृत्त हुए।