



# समाचार Newsletter

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## Central Tobacco Research Institute

### Parliamentary Sub-Committee Meeting on Tobacco Exports

Dr. K. Nagarajan, Director, CTRI attended a meeting convened by Tobacco Board on 18th June, 1997. Sri C. Withal Rao Patil, Convener, Sri Rameshwar Paridar, Sri Amar Roy Pradhan, Sri R. Sambasiva Rao and Smt. Lakshmi Panabaka, members of the Parliamentary Sub-Committee on Exports of Agriculture products have attended the meeting. Three members of Rajya Sabha Secretariat have also attended the meeting. Dr. Nagarajan gave a presentation on the salient findings of tobacco research, with special reference to efforts on reducing harmful effects of tobacco. Tobacco Board Officials, representatives from Tobacco Trade and Tobacco Growers Association have also participated in the discussions held with the Committee. On behalf of the Scientists of CTRI, Dr. Nagarajan has put forth the following suggestions for the consideration of the Committee.

1. To recommend that whenever Tobacco Board sends a Trade Delegation to foreign countries, it should include two or three Scientists of CTRI in the delegation along with Traders, Tobacco Growers and Tobacco Board Officials. This will help the Scientists to know the Scientific and Technical aspects of tobacco cultivation in other countries and thus reorient the research efforts to improve the quality of export oriented tobacco types.
2. To recommend that Indian Tobacco Association and Trade Association may invest one per cent of the profits from tobacco exports on Tobacco Research being conducted by Central Tobacco Research Institute. This will help the Scientists to concentrate on conducting research on vital sectors of tobacco to improve the yield and quality of exportable type of tobacco.

### A.P. CHIEF MINISTER'S VISIT TO CTRI EXHIBITION STALL

□ An exhibition depicting tobacco cultivation and KVK activities was arranged at Govt. Arts College, Rajahmundry in connection with Karshak Sadassu on 10th and 11th June 97 and also at Tadepalligudem on 20.6.97. Sri N. Chandrababu Naidu, Hon'ble Chief Minister of A.P., Dr. I.V. Subba Rao, Vice-Chancellor, Acharya NG Ranga Agricultural University and several other dignitaries visited the stall at Rajahmundry.



Sri N. Chandrababu Naidu, Hon'ble Chief Minister, A.P. at CTRI Stall



Dr. I.V. Subba Rao, Vice-Chancellor of ANGRAU, Hyderabad, at CTRI Stall

### VISIT OF MEMBER OF PARLIAMENT TO CTRI RES. STN., VEDASANDUR

Sri S.K. Karvendam, Hon'ble Member of Parliament of Palani Constituency visited the CTRI Research Station, Vedasandur on 6.6.97. Dr. K. Palanichamy, Head of the Station explained the research activities and impact of the high yielding varieties developed and released by the station on productivity and quality of chewing tobacco in Tamil Nadu. Sri Karvendam was very much impressed with the activities of the Station and promised to visit the Station during the crop season.



Dr. K. Palanichamy explaining some points to Sri S.K. Karvendam, M.P.

### INTER-AGENCY TEAM VISIT



An Inter-agency team comprising Dr. S. Kori, Director, Directorate of Tobacco Development, Madras, Dr. M.M. Shenoi, Head, CTRI RS, Hunsur, Sri D. Ranganatha Rao, Dy. Director of Agriculture, Bangalore, Sri H.V. Chandraiah, Asst. Manager (Leaf), M/s. ITC Ltd/ILTD Div., Hunsur have visited all the tobacco auction platform areas in Hunsur from 4th to 7th June, 1997 to study the early phase of FCV tobacco crop prospects for 1997 season. The team also visited several Inter-Institutional collaborative on-farm trial plots in the area and was very much impressed with varietal evaluation in different agro-climatic zones.

#### Task Force constituted

Dr. P.S.N. Murthy, HOD, Crop Chemistry and Soil Science and Dr. C.V.S.S.V. Gopalakrishna were nominated to the task force constituted by Tobacco Board for identification of problematic areas and to evolve a long term strategy for control of pesticide residues in leaf tobaccos with maximum tolerance levels (MTL). Tobacco Board and CTRI have taken up the analysis of leaf samples from each platform area for pesticide residues. These results are being evaluated against MRL established by USA and other countries.

#### CD-ROM on Tobacco

A CD-ROM on tobacco data base from 1975-1997 has been received in the library from CORESTA, France. The CD-ROM consists of 27,500 references published in CORESTA Bulletins from 1975-1996 and also contains CORESTA Recommended Methods. Scientists are utilizing the data base for their research work.

#### CTRI Participation in Asia Collaborative Study No.5

CTRI was represented by Dr. S.R. Prabhu and Dr. C.V. Narasimha Rao, Senior Scientists, Division of Crop Chemistry and Soil Science in the 5th Asia Collaborative Study Meeting held in Bangalore on 15.5.97. Scientists from Australia, Canada, China, England, Germany, Holland, Hongkong, India, Indonesia, Japan, Korea, Malaysia, Singapore, Switzerland, Taiwan and USA have participated in this study.

This was conducted to determine nicotine-free dry particulate matter (NFDPM) and nicotine in the smoke condensate of cigarettes in accordance with International Standards Organization (ISO) methods. This study also envisaged exchange of technical information regarding ISO smoking methodology among participants and promotion of standardized testing procedures.

Results of smoke constituents reported by CTRI are well in agreement with the values reported by other leading laboratories.

#### CTRI Management Committee Meeting

Thirty third Management Committee Meeting was held on 17.5.97. Dr.K.Nagarajan, Chairman welcomed the members of the Institute Management Committee and informed that the Director-General has mentioned in the Directors conference recently held at Delhi, that ICAR has given vast powers to the Management Committee of the Institute. Dr. Nagarajan also mentioned that the Council is giving very serious consideration to the recommendations of the Institute Management Committee. Sri I.K. Sharma, SAO and Member-Secretary requested the Committee to critically go through the agenda items and offer valid recommendations for the benefit of the Institute.

#### M. Phil Awarded

Mr. M. Mohan, Technical Officer, T-5 successfully completed his M.Phil degree in Botany in Thiagarajar College, Madurai Kamaraj University, Madurai.

**TRAININGS/MEETINGS**

- Sri R. Sudhakar, Technical Officer attended a training programme on Technical know how on Jute and allied fibres conducted by Jute Technological Laboratory, Calcutta on 6 and 7th May, 1997.
- Smt. N. Arunakumari, Technical Officer attended training programme on Boutique printing at Weavers Service Centre, Vijayawada from 12.5.97 to 13.6.97.
- Dr. K.D. Singh attended Tobacco Development Project (Govt. of Bihar), Muzaffarpur and delivered a lecture to extension officers on tobacco production technology on 23.6.97.

**Training at ICRISAT, Hyderabad**

Sri Y.V. Suryanarayana, Documentation Officer has attended training on "Information Systems Analysis and application for information technology in ICAR Libraries" at ICRISAT, Hyderabad from 16.6.97 to 27.6.97.

**Institute Seminars**

- Dr. C.A. Raju gave a seminar talk on "Serological (Elisa) and other related techniques of virology" on 29.4.97.
- Scientists deputed by NAARM, Hyderabad for training on "Field Experience" at KVK, Kalavacherla gave a seminar talk on "Problems and Rural Agricultural Development" 5.5.97.

**TRANSFER OF TECHNOLOGY**

**CTRI RES. STATION, HUNSUR**

**Training Programmes**

- A training programme was conducted to the farmers who have participated in collaborative trials of CTRI Res. Stn., Hunsur, Tobacco Board and M/s ITC/ILTD Div. for varietal evaluation on 10.4.97.
- Three training programmes were conducted to the field staff, field officers of ITC/ILTD Div. on nursery management and field crop management on 30.4.97, 2.5.97 and 16.6.97, respectively.

**RADIO TALKS**

- పాగాకుకు ప్రత్యామ్నాయ ఉపయోగాలు. by Dr. C.V. Narasimha Rao on AIR, Vijayawada 20.5.97
- బద్దీ పాగాకు నారుమళ్ళ పెంపకం. by Sri R. Subba Rao on AIR, Visakhapatnam 16.6.97
- తీరిక వేళల్లో గృహ అలంకరణ. by Sri R. Sudhakar on AIR, Vijayawada 17.4.97
- "Nursery Management" by Sri M.M. Shenoji on AIR, Mysore 15.4.97
- "Field Crop Management" by Sri S. Ramesh on AIR, Mysore 29.5.97
- వర్షనియా పాగాకు రెలుపు, క్యూరింగులో నూతన పద్ధతులు. by Sri G.S.B. Prasannasimha Rao on AIR, Visakhapatnam 5.4.97

**PAPERS PUBLISHED**

- RAMBIR, C.R. NAGESWARA RAO and T.K. MURTY. Adoption of tobacco nursery management technologies by growers of Southern light soil area of Andhra Pradesh. Tob. Res. 22(2):76-9, 1996.
- CHANDRASEKHARA RAO, C and P.R.S. REDDY. Leaching losses of nitrogen in Northern light soils of Andhra Pradesh. I. Influence of different amounts of water. Tob. Res. 22(2):91-100, 1996.
- SARMA, D.A., Ch. PULLARAO and J.A.V. PRASAD RAO. Yield and quality of natu tobacco as influenced by nitrogen, spacing and topping. Tob. Res. 22(2):113-5, 1996.
- MURTY, K.S.N., J.C.T. JELL, N.C. GOPALACHARI and S.S. PRASAD. Cadmium and lead contents of non-fcv tobacco types of India. Tob. Dev. J. 3(3):7-9, 1995.
- SIVA RAJU, K. and G.V.G. KRISHNAMURTY. Biochemical changes in tobacco plants infested with root-knot nematode *Meloidogyne javanica*. Tob. Res. 22(2):116-9, 1996.
- PRABHU, S.R., C. CHANDRASEKHARA RAO, C.V. NARASIMHA RAO and D.G. KUMAR. Utilization of rock phosphate using crude organic acid fraction from tobacco waste. Tob. Res. 22(2):123-5, 1996.
- SREEDHAR, U., G. RAMAPRASAD and S. SITARAMAIAH. ఎరపంటల ద్వారా చీడ పురుగుల నివారణ. Eenadu, 3.4.97.



Dr. K. Nagarajan inaugurating Computer Cell at CTRI Research Station, Hunsur

**APPOINTMENTS**

Kum. J. Vasanthi, Tech. T-1 has been appointed as Tech. T-II-3 at CTRI R.S, Jeelugumilli w.e.f. 9.4.97.

**INTER-INSTITUTIONAL TRANSFER**

Dr. S.N. Tripathi, Sr. Scientist has been transferred to Central Research Institute for Jute and Allied Fibres, Barrackpore's Regional Station at Pratapgarh (UP) w.e.f. 16.4.97.

**RETIREMENTS ON SUPERANNUATION**

Name	Designation	Date
Sri Ch. Madhava Rao	T. O. T-5	30.4.97
Sri K.V.Prasada Rao	T. O. T-4	30.6.97

**OBITUARY**

Sri P. Nookaiah, S.S.Gr.III, CTRI Farm, Katheru expired on 27.6.97.

## KRISHI VIGYAN KENDRA

### IXth Local Management Committee Meeting

IX Local Management Committee meeting of KVK of CTRI was conducted on 19.4.97. Dr. K. Nagarajan, Director presided over the function. Sri Mahadeva Reddy from Zonal Co-ordination Unit, Hyderabad and Sri P.D.S. Jayanandam, Joint Director of Agric, Dr. Gopalakrishna, Joint Director, Animal Husbandry and other District officials attended the meeting. The Committee reviewed the activities of KVK and finalized the action plan for 1997.

### Special Training Programme

Five scientists belonging to the 59th batch of FOCARS (Foundation Course for Agricultural Research Service) were deputed from NAARM to KVK to undergo "Field Experience Training". They selected Chandredu village of Rangampeta Mandal by using Participatory Rural Appraisal (PRA) techniques for their study.

### Zero-Energy Cool Chamber

The Home Science unit of KVK has constructed a low-cost 'Zero Energy Cool Chamber' for cold storage of fresh

fruits and vegetables. The temperature in the chamber will be 10-15° C lower than outside temperature and 90% relative humidity can be maintained in the chamber which will help in preserving fresh produce. The chamber can also be used in mushroom cultivation, sericulture and for the storage of bio-fertilizers. It can be fabricated using locally available raw materials like bricks, sand, bamboo straw, gunny bags etc. and the cost is likely to be Rs.500/-



### तम्बाकू निर्यातों पर संसदीय उप समिति की बैठक

दिनांक 18 जून, 1997 को तम्बाकू बोर्ड द्वारा आयोजित एक बैठक में डा. के. नागराजन, निदेशक, सी.टी.आर.आई ने भाग लिया। श्री विठल राव पाटिल, संयोजक, श्री रामेश्वर परिदार, श्री अमर राय प्रधान, श्री आर.साम्बशिव राव और श्रीमती लक्ष्मी पनबाका, कृषि उत्पादों के निर्यातों पर संसदीय उप-समिति के सदस्यों ने भाग लिया। राज्य सभा सचिवालय के सदस्यों ने भी बैठक में भाग लिया। डा. नागराजन ने तम्बाकू के हानिकारक प्रभावों को कम करने से संबंधित अनुसंधान के मुख्य निष्कर्षों को प्रस्तुत किया। तम्बाकू बोर्ड के अधिकारीगण, तम्बाकू व्यापार के और तम्बाकू ग्रोयर्स एसोसियेशन के प्रतिनिधियों ने भी समिति के साथ चर्चाओं में भाग लिया।

### अन्तर एजेन्सी दल का भ्रमण

डा. एस. कोरी, निदेशक, तम्बाकू विकास निदेशालय मद्रास, डा. एम.एम.शिनोय, प्रधान, सी.टी.आर.आई. अनुसंधान केन्द्र, हुप्पुर, श्री डी.रंगनाथ राव, सहायक प्रबंधक (पत्ता) मेसर्स आई.टी.सी.लिमिटेड/आई.एल.टी.डी.डि.विजयन, हुप्पुर से युक्त अंतर एजेन्सी दल ने दिनांक 4 जून से 7 जून, 1997 के दौरान 1997 के मौसम में एफ.सी.वी. तम्बाकू फसल के भविष्य को अध्ययन करने के लिए हुप्पुर के सभी तम्बाकू नीलामी प्लाटफार्म क्षेत्रों का भ्रमण किया। दल ने इस क्षेत्र के कई अंतर संस्थानीय सहयोजित क्षेत्रीय अध्ययनों का भी निरीक्षण किया।

### संसद सदस्य द्वारा सी.टी.आर.आई. अनुसंधान केन्द्र, वेदसंदूर का भ्रमण

श्री एस.के.करवेन्द्रम, माननीय पलनी निर्वाचन क्षेत्र के संसद सदस्य ने दिनांक 6 जून, 1997 को सी.टी.आर.आई. अनुसंधान केन्द्र, वेदसंदूर का भ्रमण किया। डा. के.पलनीचामी, अनुसंधान केन्द्र का प्रधान ने तमिलनाडु में खेती तम्बाकू के उत्पादकता एवम गुणता के लिए उस केन्द्र द्वारा विकसित और विमोचन किये गये उच्च पैदावरवाले किस्मों का और उस केन्द्र के अनुसंधान क्रियाकलापों का वर्णन किया। इस केन्द्र के कार्यकलापों से श्री करवेन्द्रम बहुत प्रभावित हुए और आश्वासन दिया कि वे फिर एक बार फसल के मौसम में केन्द्र का भ्रमण करेंगे।

### एशिया सहयोजित अध्ययन संख्या 5 में सी.टी.आर.आई की भागीदारी

दिनांक 15 मई, 1997 को बंगलूर में आयोजित पांचवीं एशिया सहयोजित अध्ययन की बैठक में सस्य रसायन एवम मृदा विज्ञान प्रभाग के विभिन्न देशों के वैज्ञानिकों ने अध्ययनों के परिणामों को विश्लेषित करने के लिए आयोजित बैठक के चर्चाओं में भाग लिया। डा. एस. रामप्रभू और डा. सी.वी.एस.एस.वी.गोपालकृष्णा, वरिष्ठ वैज्ञानिकों ने सी.टी.आर.आई. का प्रतिनिधित्व किया।

### सी.टी.आर.आई. के प्रबंध समिति की बैठक

दिनांक 17 मई, 1997 को प्रबंध समिति की 33 वीं बैठक आयोजित की गयी। डा. के.नागराजन, अध्यक्ष ने सभी सदस्यों का

स्वागत किया और सूचित किया कि हाल ही में दिल्ली में आयोजित निदेशकों के सम्मेलन में महानिदेशक महोदय ने संस्थानों के प्रबंध समितियों को विस्तृत अधिकार दिये गये।

### तकनोलजी का स्थानांतरण

#### सी.टी.आर.आई., राबमंड्री

दिनांक 10.6.97 और 11.6.97 राजमंड्री के सर्कारी आर्ट्स कालेज में आयोजित कर्षक सदस्यों के सिलसिले में तम्बाकू खेती और कृषि विज्ञान केन्द्र के क्रियाकलापों को प्रदर्शित करने के लिए एक प्रदर्शनी का आयोजन किया गया। माननीय श्री ए.चन्द्रबाबू नायडु, मुख्य मंत्री जी, आंध्र प्रदेश डा. आई.वी.सूब्बा राव, उप-कुलपति आचार्य एन.जी.रंगा, कृषि विश्व विद्यालय और कई अन्य अधिकारियों ने प्रदर्शनी के स्टालों का भ्रमण किया।

### कृषि विज्ञान केन्द्र

#### नीवीं स्थानीय प्रबंध समिति की बैठक

दिनांक 19.4.97 को सी.टी.आर.आई. के कृषि विज्ञान केन्द्र के स्थानीय प्रबंध समिति की बैठक हुई। डा. के.नागराजन, निदेशक ने बैठक की अध्यक्षता की। जोनल कोऑर्डिनेशन यूनिट, हैदराबाद से श्री माधव रेड्डी और पी.डी.एस.जयानंदम, संयुक्त निदेशक (कृषि), डा. गोपालकृष्णा, संयुक्त निदेशक, पशुपालन और अन्य जिला अधिकारियों ने बैठक में भाग लिया। समिति ने के.वी.के. के कार्यकलापों की समीक्षा की और वर्ष 1997 के लिए कार्रवाई योजना का अन्तिम रूप दिया।