



CTRI News Letter

CENTRAL TOBACCO RESEARCH INSTITUTE, RAJAHMUNDRY-5 (A.P.)

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MAJOR EVENTS

The CTRI New building complex was inaugurated by His Excellency the Governor of Andhra Pradesh Dr. Shankar Dayal Sharma on 28th March, 1985. Dr. Gopalachari welcomed the Governor and presented a replica of the CTRI Building complex to him. The Governor released souvenir brought out on the occasion. Earlier the Governor went round the CTRI Building Complex and inspected various research wings in the CTRI. Dr. Gopalachari explained the functioning of the various Divisions & Sections and later in the evening he visited the KVK and gone through the various activities of different disciplines and appreciated the work.

Declaring open the Rs. 1.3 crore building complex, the Governor said that the incessant work done by the scientists in agriculture boosted the production of food grains and achieving self sufficiency. Rich tributes were paid to the farmers for their contribution in building up

buffer stocks for the development of the nation. The Governor remarked that the Indian farmer had easily adopted the new methods of cultivation developed by the scientists, but still there is much to be done by the scientists and farmers to use the produce and agricultural wastes to gain more profits. The Governor greatly praised and acknowledged the valuable contributions made by Dr. Gopalachari, Director Tobacco Reseach.

Dr. M. V. Rao, Deputy Director General, ICAR, who presided over the function, described the construction of CTRI Building Complex as a fulfilment of the dream of the tobacco research workers and hoped that the CTRI would be able to continue its contributions to the development of tobacco. He said that it was essential that both production technology and protection technology were kept up to help the industry on which 50 lakh people are depending. Remarkable progress has been made

in the production of food grains and now the country built up 22 million tonnes of buffer stocks and an additional 30 million tonnes would be added to the buffer stocks in the current year, which promises a bumper crop, he added. Storage of food grains has become a problem and as such stress in future should be more on improving storage capacity simultaneously with productivity and profitability to the farmer.

Dr. Rao suggested that it was advisable to reduce the use of chemical fertilizers in the country and develop methods through which other sources of manuring could be effected. He stressed the need for storage of germplasm, efforts to ensure supply of quality seeds to the farmers and develop integrated pest management. Dr. Rao highly commended the research contributions made by Dr. Gopalachari in the field of tobacco.

Dr. Gopalachari was felicitated by the Governor and garlanded by Sri B. V. Sivaiah, Vice-Chairman, Tobacco Board, Sri Parimi Subba Rao, Sri B. V. Seetharamaraju and Sri Ganapathi Raju, Sri T. D. Prasada Rao, Research Manager (ILTD. Dvn.) ITC Ltd, Sri A. P. Khaitan of Golden Tobacco Company, Sri B. G. Joshi, Head of the Division of Entomology, Dr. B. V. Ramakrishnayya, Officer-in-Charge, CTRI Research Station, Hunsur and others. Dr. K. Nagarajan, Head of the Division of Plant pathology read the address. Sri D. V. L. N. Murty, IAS Dt. Collector also participated in the function. Sri B. G. Joshi proposed a vote of thanks.

RESEARCH HIGHLIGHTS

CTRI Rajahmundry :

Two sprays of a new formulation of Metalaxyl-Z-280 FW @ 0.2% and Savita Foliar @ 0.2% (a micronutrient

fungicide combination) was found very promising in controlling damping-off and leaf-blight diseases of tobacco in seed beds.

CTRI Research Station, Veda sandur :

Two new tobacco varieties viz , Krishna (HV 75-10) for cigar tobacco and Maragadham (HV 72-13) for chewing tobacco have been cleared for release by the Tamil Nadu State Variety Release Committee and were introduced to the farmers of Tamil Nadu.

Performance of Drip irrigation economised water to the tune of 40% during the current season in Tamil Nadu.

The following 9 accessions from germplasm which were found tolerant to damping-off disease in the last season were retested and found highly susceptible.

- 1) 1058 ET. Kuaka-860, 2) 1065 ET. N. C. 79,
- 3) 1070 ET. Alpines, 4) 1085 ET. Riwaka 5) 1088 ET. Bahja, 6) 1090 ET.: Bahja cigar, 7) 1093 ET. K-14, 8) 1103 ET : V. 168 S. N. 37453, 9) 1106 ET. V-163 S. High nicotine.

Lab-to-Land Programme :

CTRI, Rajahmundry :

Training programmes were conducted by the Division of Ag. Extension to the participant farmers from different

CTRI Building Inauguration Function



Dr. Sankar Dayal Sharma, Governor of Andhra Pradesh, inaugurated the New Building Complex of CTRI. Dr. M.V. Rao, Deputy Director General, ICAR & Dr. N. C. Gopalachari, Director, Tobacco Research. (From Left to Right)

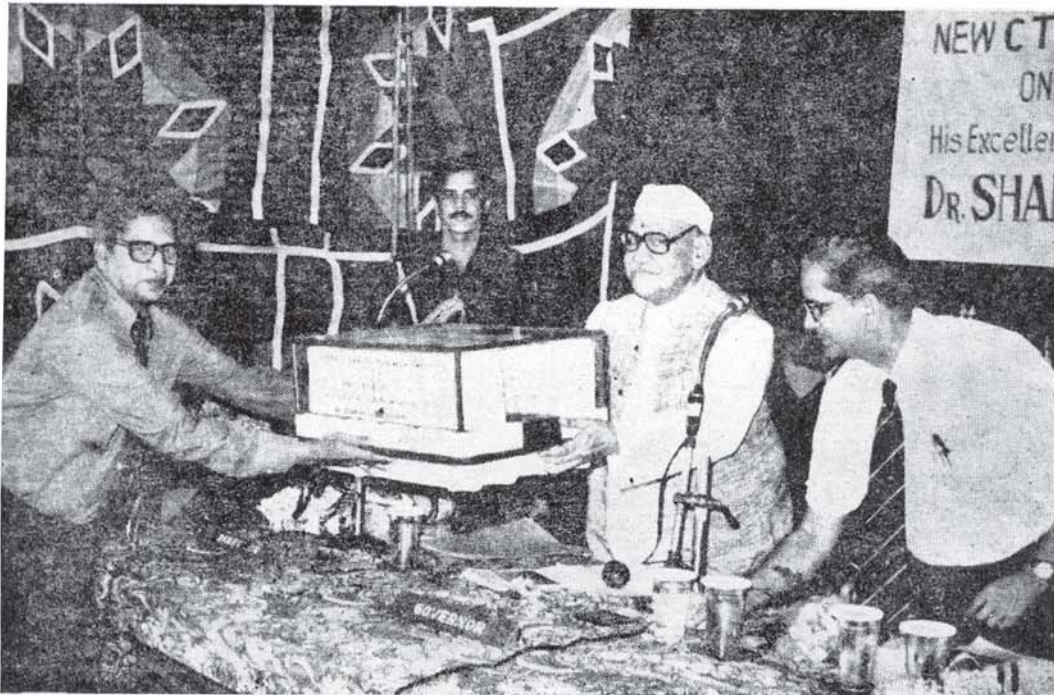


Welcome address by Dr. N. C. Gopalachari

Release of the Souvenir by the Governor



FELICITATIONS



Presented a replica of the New Building complex to the Governor



The Governor felicitated Dr. N.C. Gopalachari and presented a memento



Governor's address



Dr. M.V. Rao briefing the activities and progress of Agricultural Research



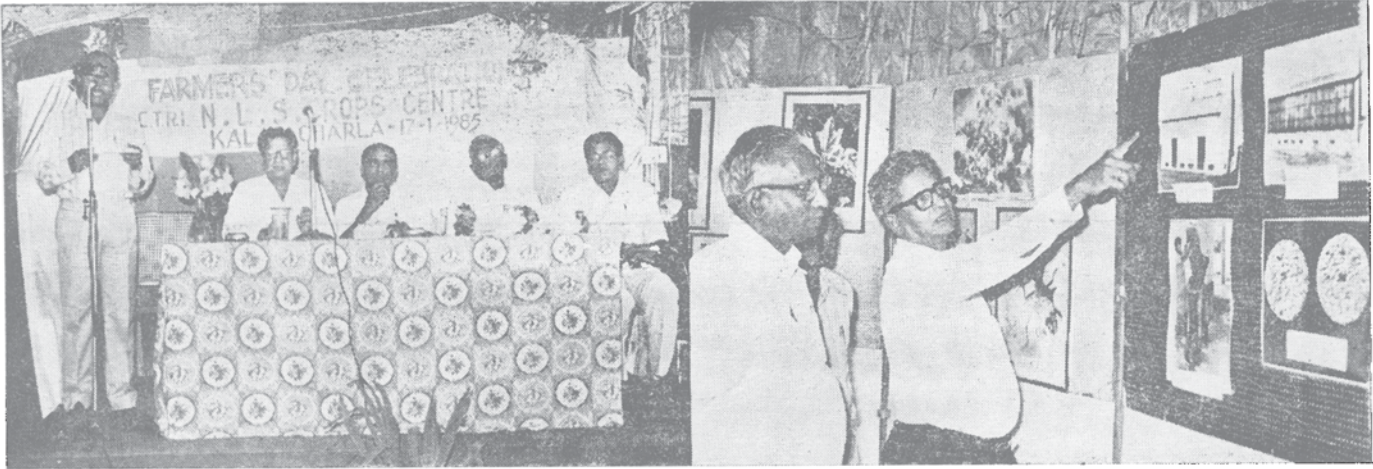
Governor inaugurating KVK information centre

parts of the state for a period of 3 weeks during January-March 1985 in curing and grading.

on subsidy basis by the Agro Pumpsets & Implements Limited, Hyderabad alongwith biogas plants.

As an economy drive in curing FCV tobacco, the improved solar barn designed by CTRI is going to be constructed in six selected progressive farmers fields in the districts of East & west Godavari, Krishna & Guntur

Farmer's day was celebrated at the NLS Crop Centre, Kalavacherla, East Godavari District (A. P.) on 17th January, 1985. Dr. N. C. Gopalachari, Director presided



Sri V. V. Ramana Rao, Head of Division, NLS Crops, presenting the welcome address.

Dr. N.C. Gopalachari, explaining the activities of the CTRI to Shri T. B. Dhananjaya Rao, Regional Manager, Andhra Bank in the exhibition.



Field visits on the Farmer's day celebration at Kalavacharla

over the function in which Sri T. D. Prasada Rao, Research Manager (ILTD Dvn.) ITC Ltd. Rajahmundry was the Chief guest. Discussions were held between the Scientists and the farmers of the area and the points raised by the farmers regarding crop protection, high yielding varieties and other problems relating to light soil tobacco crop were clarified.

Sri T.B. Dhananjaya Rao, Regional Manager, Andhra Bank, inaugurated the Exhibition set up by Ag. Extension and KVK. Sri K. Apparao, Officer-in-Charge, KVK explained the activities of the Kendra. Sri V.V. Ramana Rao, Head of the Division, NLS Crops took the visitors round the farm and explained the details of the field crops. Sri M. Sannibabu, Scientist S-1 proposed a vote of thanks.

CTRI Research Station Vedesandur :

Farmers day was celebrated at the Research Station on 8th January, 1985. Dr. N.C. Gopalachari presided over the function and gave a key note address on the progress in tobacco research. Sri Senapathy Gounder, M. P., Palani constituency was the chief guest.



Dr. N.C. Gopalachari, Director, addressing the Farmer's day function at Vedesandur.

CTRI Research Station, Pusa :

Tobacco Extension Fortnight was organised from January, 7-21, 1985 at the nearby villages, to disseminate improved technologies of tobacco cultivation under multiple cropping. The concluding session of the function was inaugurated by Dr. N. C. Gopalachari, Director which was presided by Dr. K. Jayaramareddy, Project Coordinator, Lab-to-Land Programme, Hyderabad. Dr. J. C. Bakhshi, Vice Chancellor, Rajendra Agricultural University, was the Chief guest.



In tobacco crop competition, the tobacco shield was awarded to the farmers of Morsand village, Samstipur District for the best crop, by Dr. N. C. Gopalachari.

Krishi Vigyan Kendra, CTRI :

In view of the national priorities being given to the dry land agriculture and production of oil seeds and pulses, necessary training programmes and follow-up extension activities have been initiated on these areas on priority basis.

One progressive farmer under Lab to Land Programme in the selected village of Chendredu produced 8 quintals of redgram in one acre of land and another farmer in the same village produced 7 quintals of FCV tobacco by growing G. 11/1 (Hema variety) by following the recommended package of practices.



Dr. K. Jayaramareddy, Zonal Coordinator inaugurating the Farm Science Club.

A Farm Science Club was opened in Chendredu village by Dr. K. Jayaramareddy, Zonal Coordinator, Lab-to-Land Programme on 12th February, '85 and two sewing machines were distributed under Lab-to-Land Programme and a tailoring centre was also opened. Farm Women's day was organised for 3 days from 19-21 March, 1985 at Kalavacherla village in collaboration with the State Agricultural Department and about 40 Farm women were given training on Field & Horticultural crops, Home Science & Rural craft aspects of KVK. Film shows on the above aspects were also screened during the 3 days.

The first Local Management Committee of KVK was held on 26th March, 1985 under the Chairmanship of Dr. N. C. Gopalachari, Director.

Dr. M. V. Rao, Deputy Director General, ICAR visited the KVK on 28th March, 1985 and appreciated the work done by KVK. He also addressed the farmers, farm women of Chandredu village and stressed the need of KVKs for transferring the modern technology to the farming community and the role of women in building up modern India.



Dr. K. Jayaramareddy, Zonal Coordinator addressing the farmers of Chendredu.

Honours & Awards :

Dr. N. C. Gopalachari, Director was greatly honoured by the Tobacco Trade and farming community of Bihar State on 21st January, 1985 at a function, arranged in the premises of CTRI Research Station, Pusa. Mr. Avantilal, Proprietor & Exporter, Ratna Jarda Factory has presented a shield in recognition of Dr. Gopalachari's untiring services in the tobacco field, particularly in evolving high yielding suitable varieties of hookah and chewing tobaccos for North Bihar.

Dr. Gopalachari was honoured by the Tobacco Exporting Companies, Tobacco Industries, and farming community of Guntur district at a function organised in the premises of CTRI Research Station, Guntur.

The Tobacco Development Company Limited, Jankpur, Nepal has extended an invitation to Dr. N. C. Gopalachari, Director for his outstanding contribution in



A memento was presented to Dr. Gopalachari in recognition of his dedicated services by the farmers, traders and manufacturers of Bihar.

tobacco research, to visit tobacco growing areas and other tobacco manufacturing companies in that area. Dr. Gopalachari was given a 'Red carpet' rousing reception by the Nepal Govt. on 25th January, 1985 which was attended by high dignitaries, VIP's and high Officials. Under the guidance of Dr. Gopalachari improved technologies developed in the field of tobacco were transferred to Nepal under TCS Colombo Plan.

The Chairman, Janakpur Cigarette factory of the Tobacco Development Company of Nepal, Mr. Devendra Shah, honoured Dr. Gopalachari and presented a memento. The Research Department of Tobacco Development Company also presented a memento. Dr. Gopalachari thanked the Govt. of Nepal and made some more valuable suggestions for further improvement of yield and quality of tobacco in Nepal.

Dr. M. S. Swaminathan, Director General, International Rice Research Institute, Manila, Philippines highly commended the research work done by Dr. Gopalachari. An extract of the same is furnished.

" I thank you very much for your letter of April, 30 enclosing a copy of the paper on Achievements on Tobacco Research. I congratulate you on this very valuable compilation "

Dr. K. Nagarajan, Scientist S-3 & Head of the Division of Plant Pathology, CTRI., Rajahmundry has been elected as a Fellow of the Indian Phytopathological Society (FPSI) at the 37th Annual General Body meeting held on 10th January, 1985 at Lucknow in recognition of his outstanding contribution in the field of Plant Pathology.

CONFERENCES & SYMPOSIA :

Dr. R. Sinha, Scientist S-3 & Officer-in-Charge and Sri R.P. Srivastava, Scientist, S-1 CTRI Research Station, Pusa, have attended Indian Science Congress at Lucknow during January, 3-7, 1985 and presented papers entitled "Critical stage of chewing tobacco for irrigation", and "Chemical composition of chewing tobacco leaf affected by virus" respectively.

Sri T. S. N Reddy, Scientist S-2, Division of Plant Pathology, CTRI, Rajahmundry has attended the symposium on "Environment and pest diseases" organised by the India Phytopathological Society held at Lucknow University during January, 7-10, 1985 and presented a paper entitled "Reaction of Burley cultivars to important diseases" by Dr. K. Nagarajan and T. S. N. Reddy.

Sri S. Nageswara Rao, Tech. T-II-3, Division of Entomology, CTRI, Rajahmundry has attended the State Training Course in pesticide application techniques and maintenance of plant protection equipment during January, 15-24, 1985 at Central Plant Protection Training Institute, Hyderabad.

Sri S. Krishna Murthy, Scientist S-3 & Officer-in-Charge and Dr. R. Lakshminarayana, Scientist S-1, CTRI Research Station, Vendasandur have participated in the Tobacco Growers Seminar conducted at Sendrapatty organised by the Joint Director of Agriculture (Selam

district) on 24th January, 1985 and explained the progress of research, new package of practices and evolving new tobacco varieties.

Sri S.K. Naidu, Scientist S-1, Division of Ag. Extension, CTRI, Rajahmundry has attended a training programme on tobacco nursery management for farmers, farm women at Gutala, West Godavari District (A.P.) on 15th February, 1985 organised by the Farmers Training Centre, Gopalapuram, West Godavari district (A. P.)

Shri T. Venkateswarlu, Scientist-S-2, Division of Genetics & Plant Breeding, CTRI, Rajahmundry has participated in the training course on plant tissue culture at National Chemical Laboratories, Pune, during March, 4-17, 1985.

Visitors & Trainees :

CTRI, Rajahmundry :

Sri M. A. Naidu, Joint Director of Agriculture, Kakinada. Sri P. Someswara Rao, Agricultural Officer (Training), Village Development Officers Training Centre, Samalkot. Dr. R. Seetharaman, Project Director (Rice) Hyderabad. Dr. P.R. Reddy, Associate Director of Research, PARS, Ankapalli. Sri A. Veeraraghavulu, Assistant Director of Agriculture (T), Kunavaram.

CTRI Research Station, Veda sandur :

Dr. N. S. Rajagopalam, M/s. National Chemical Laboratory, Pune.

CTRI Research Station, Hunsur :

Sri B. N. Betkerur, IAS, Director (Auctions), Tobacco Board, Mr. Marcel Thomas, Superintending Engineer CPWD, Bangalore Circle. Sri Bhavani Prasad, Superintending Engineer, (Electrical), CPWD, Hyderabad Circle.

APPOINTMENTS & PROMOTIONS

Appointments :

Shri Chironjilal has been appointed to the post of Senior Administrative Officer at CTRI, Rajahmundry w. e. f. 18-2-1985.

Shri P. Harishu Kumar has been appointed to the post of Scientist Gr. S-2 (Agronomy) at CTRI, Rajahmundry w. e. f. 25-2-1985.

Shri D. Yanadi Naidu has been appointed to the post of S.S.Gr. I at CTRI Research Station, Kandukur w.e.f. 25-2-1985.

Dr. C.A. Raju, has been appointed to the post of Scientist Gr. S-2 (Plant Pathology) at CTRI Research Station, Pusa w. e. f. 11-3-1985.

Kum. Ch. V. Ratnavathi, has been appointed to the post of Scientist Gr. S-1 (Bio-Chemistry) at CTRI Rajahmundry w. e. f. 19-3-1985.

Promotions :

Shri V. Venkateswarlu, Scientist Gr. 'S', CTRI Research Station, Kandukur has been appointed on Five Yearly Assessment to the post of Scientist Gr. S-1 (Plant Pathology) w. e. f. 1-7-1983.

Shri S. M. Abdul Wazid, Scientist Gr. 'S', CTRI Research Station, Hunsur has been promoted on Five Yearly Assessment to the post of Scientist Gr. S-1 (Plant Pathology) w. e. f. 1-7-1982.

Shri S. Koteswararao Naidu, Scientist Gr. 'S', CTRI, Rajahmundry has been promoted on Five Yearly Assessment to the post of Scientist Gr. S-1 (Ag. Extension) w. e. f. 1-7-1983.

Shri T. S. N. Reddy, Scientist S-1, CTRI, Rajahmundry has been promoted on Five Yearly Assessment to the post of Scientist Gr. S-2 (Plant Pathology) w. e. f. 1-7-1982.

Shri G. V. G. Krishna Murthy, Scientist Gr. S-1, CTRI Rajahmundry has been promoted on Five Yearly Assessment to the post of Scientist Gr. S-2 (Plant Pathology) w. e. f. 1-7-1982.

Dr. S. S. Hussaini, Scientist Gr. S-1, CTRI Research Station, Hunsur has been promoted on Five Yearly Assessment to the post of Scientist Gr. S-2 (Nematology) w. e. f. 1-7-1982.

Transfers :

Shri S. V. Ramana, Jr. Clerk, CTRI, Rajahmundry has been transferred to CTRI Research Station, Vedasandur on promotion as Senior Clerk.

Shri P.V.S. Subrahmanyam, Sr. Clerk, CTRI Research Station, Kandukur has been transferred to CTRI, Rajahmundry.

Shri C. Subba Rao, Sr. Clerk, CTRI Rajahmundry has been transferred to CTRI Research Station, Kandukur.

Retirements :

Shri A.V. H. Prasada Rao, Assistant Administrative Officer CTRI, Rajahmundry has retired from Council's service w. e. f. 31-1-1985.

Resignations :

Shri U. Satyanarayana, S. S. Gr. I (Cook), KVK of CTRI Rajahmundry has resigned from Council's service w. e. f. 23-2-1985.

PAPERS PUBLISHED

Fading of colour of flue-cured tobacco genotypes grown in Northern light soils of Andhra Pradesh on storage.

Sastri, A. B. and Gopalachari, N. C.
Indian Tob. J. 15 (4) : 3-6, 1984.

Effect of drip irrigation on the yield and quality of FCV Tobacco.

Gopalachari N. C., Sannibabu M, and Reddy,
M. C. M.
Indian Tob. J. 15 (4) : 7-12, 1984.

Observations on severe Potassium deficiency in the field crop of tobacco in Northern light soils of Andhra Pradesh.

Krishnamurty, V., Reddy, P. R. S. and Ramakrishnayya, B. V.,
Indian Tobacco Journal 16(1) : 3-4, 1984.

Quality of cigar filler tobacco of West Bengal based on Physico-chemical properties.

Srivastava, R. P.,

Indian Tob. J. 15(4) : 13-16, 1984.

Promising varieties of chewing tobacco (*N. tabacum* L.) for yield and quality in North Bihar.

Sinha, R., Amarnath, S., Prasanna Simha Rao, G.S.B. and Pandey, A. K.

Indian Tob. J. 16(1) : 5-8, 1984.

Planting time, space and nitrogen requirements of chewing tobacco (*N. tabacum* L.) varieties of Gandak Bahar and Sona in Bihar.

Sinha, R., Dwivedi, S. S. L., Pandey, A. K. and Pandey R. G.

Indian Tob. J. 16(1) : 9-13, 1984.

Influence of soil moisture regimes and plant spacings on growth, yield and quality of cigar filler tobacco (*N. tabacum* L.)

Tripathi, S. N., and Bhattacharya, B.

Indian Agriculturist 28(4) : 281-8, 1984.

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Edited & Compiled by M. C. M. Reddy & A. Haranath

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