



# CTRI News Letter

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

Vol. 9 No. 4 NEWS LETTER OF CENTRAL TOBACCO RESEARCH INSTITUTE, RAJAHMUNDRY, DECEMBER 1987

## MAJOR EVENTS

The Golden Jubilee Celebrations of CTRI Research Station, Guntur, XI AICRP (T) Workshop and VII National Symposium on Tobacco of ISTS were held at A. C. College Auditorium, Guntur, during 26-29, December, 1987. The VIPs and distinguished personalities attended the function are Prof. N. G. Ranga, MP and Member of the Governing body of ICAR, Sri V. Sobhanadreswara Rao, MP, Dr. M. V. Rao, Special Director General, ICAR,

Dr. R. S. Paroda, Deputy Director General (CS), ICAR, Sri P. P. Williams' Chairman, Tobacco Board, Dr. T. D. Prasada Rao, General Manager (Oil seeds), M/s. ITC Ltd. Dr. G.S. Murthy, Ex-Director, Tobacco Research, Dr. T.S. Subrahmanyam, Research Manager, M/s. ILTD, Scientists from AICRP (T) centres at Anand, Shimoga, Nipani and Venkataramannagudem and Scientists and Technicians from CTRI and Research Stations.

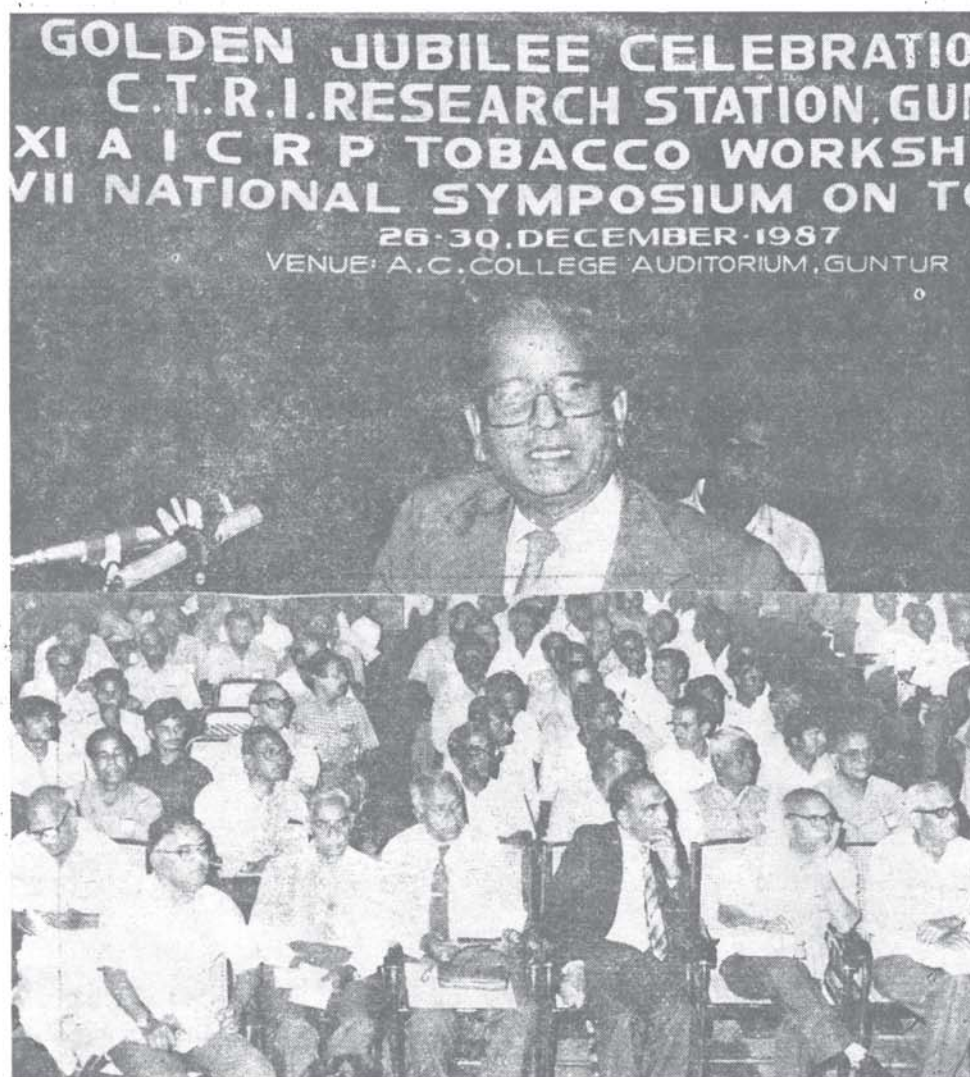


Prof. N. G. Ranga inaugurating the Golden Jubilee Celebrations.

Welcoming the distinguished guests Dr. M.S. Chari, Director, Tobacco Research, highlighted the activities and achievements of CTRI Research Station, Guntur, during the last 50 years. He mentioned about the increase of yield of FCV tobacco from 700 Kgs/ha in 1943 to 1300 Kg/ha in 1980s due to improved package of practices developed by CTRI. Dr. Chari dealt with the trends in tobacco improvement for different FCV tobacco growing areas. He mentioned the scientific means to increase the production of tobacco per unit area and time and increase the net returns to the tobacco farmer by adoption of suitable rotation crops.

Dr. Chari Pointed out that the combined efforts of CTRI, Tobacco Board, Directorate of Tobacco Development and M/s. ITC Ltd., helped in transferring the improved methods of technology to the door-steps of the farmers.

Dr. M. V. Rao, Special Director - General, in his inaugural address mentioned that during the 50 years of active service, the Tobacco Research Station at Guntur, has done yeomen service, to the tobacco farming community by evolving a number of high yielding tobacco varieties. The incidence of pest and disease has become



Inaugural address by Dr M. V. Rao, Special Director General, ICAR, New Delhi.



a serious problem not only on tobacco but on other crops of the area like cotton, chillies, groundnut etc. From the productivity point of view, Dr. Rao said that we are lagging behind with regard to per hectare yield of FCV tobacco compared to Brazil, Zimbabwe and other countries. The gap between the research and farmer has to be filled. He said that the nicotine content which satisfied the urge of the smoker is not that much harmful to the smoker as the tar and other components which emanate while smoking. He suggested that the frequency can be reduced, still maintaining nicotine level in the blood of the smoker, thereby reducing the intake of tar content.

As regards the whitefly problem on brinjals, cotton, chillies and several other crops including tobacco, Dr.

Rao advised the scientists to locate resistant varieties and develop effective integrated pest management system to check the resurgence of this pest menace. He emphasised the need to reduce the use of pesticides by encouraging natural plant product pesticides (Phytonicides), biological control etc. to control the pests and diseases.

Before concluding his speech, he hoped that the deliberations and recommendations of the workshop and Symposium will go a long way in finding suitable solutions to the problems faced by tobacco farmers in particular and country in general.



Key-note address by Dr. R. S. Paroda, Deputy Director-General (CS), ICAR, New Delhi.

Delivering the key-note address Dr. R. S. Paroda, Deputy Director General (CS), ICAR stressed the importance of screening the germplasm for root-knot nematode and black shank diseases. Evaluation of germplasm for low chloride up-take to breed suitable varieties has to be taken up. He desired that more evaluation studies of the experimental treatments may be made in different agro-climatic zones under AICRP programmes which would generate valuable information. While

tracing the overall situation of tobacco, he felt that general approach of the people is also to be taken care of. For solving different problems of tobacco farmer, trader and manufacturer, he observed that there should be a good support for research. He called upon tobacco farmers all over the country to emulate the example of Gujarat where productivity was high and appealed to utilize the production technology developed by the CTRI.



(L to R) Prof. N. G. Ranga, MP, Sri V. Sobhanadreswara Rao, MP, Dr. M. S. Chari, Director and Sri P. P. Williams, IAS, Chairman, Tobacco Board, speaking on the occasion of Golden Jubilee Celebrations.



Sri V. Sobhanadreswara Rao, MP requested the Special Director General to provide more funds for tobacco research to tackle the present burning problems. The Tobacco Board should ban the saline areas where tobacco production is undesirable and asked the scientists to suggest alternate crops in those areas. The Tobacco Board should look into the minimum support price for tobacco. He requested the Government to extend sprinkler irrigation facilities to light soil tobacco growers as being given to oil seed farmers.

Dr. G. S. Murthy, former Director, CTRI felt that ICAR may look into the issue of implementation of tobacco based cropping systems under the respective agro-climatic zones by providing more funds for effective implementation of the programmes.

The Chief Guest Prof. N. G. Ranga wanted the Tobacco Board to transfer the tobacco technology to the farmers and asked the Board to send delegates abroad if necessary to study the improvement made in specific areas to tobacco farming. Tobacco Board should safeguard the interests of the farmers. He urged the Central Government to have effective pricing system for tobacco. Prof. Ranga while complementing the tobacco scientists for developing improved package of practices for higher yield and quality, also cautioned them that in view of strong criticism all over the world against tobacco use and production, the scientists should find out the alternate use of this crop to sustain the cultivation in future.

Sri P. P. Williams, Chairman, Tobacco Board while presiding over the function promised that Tobacco Board would take into consideration the suggestions given by the members to the best extent possible. He emphasised the need to reduce the production costs especially in curing technology. He lauded the close collaboration of CTRI, Tobacco Board and the Private agencies in implementing R & D Programme which are yielding results.

On behalf of the Indian Society of Tobacco Science Prof. Ranga honoured 4 progressive farmers, 5 scientists, and 2 members of the Research Station by presenting mementos to them. He also presented the 'Dr. G. S. Murthy Award' which was shared by Dr. B. V. Ramakrishnayya & Dr. V. Krishnamurthy, for the best paper entitled "Distribution pattern of potassium in flue-cured tobacco leaf according to its position on stalk in healthy and potassium deficient plants".

Sri T. Sitaramachary, Officer-in-Charge, CTRI Research Station, Guntur proposed a vote of thanks.

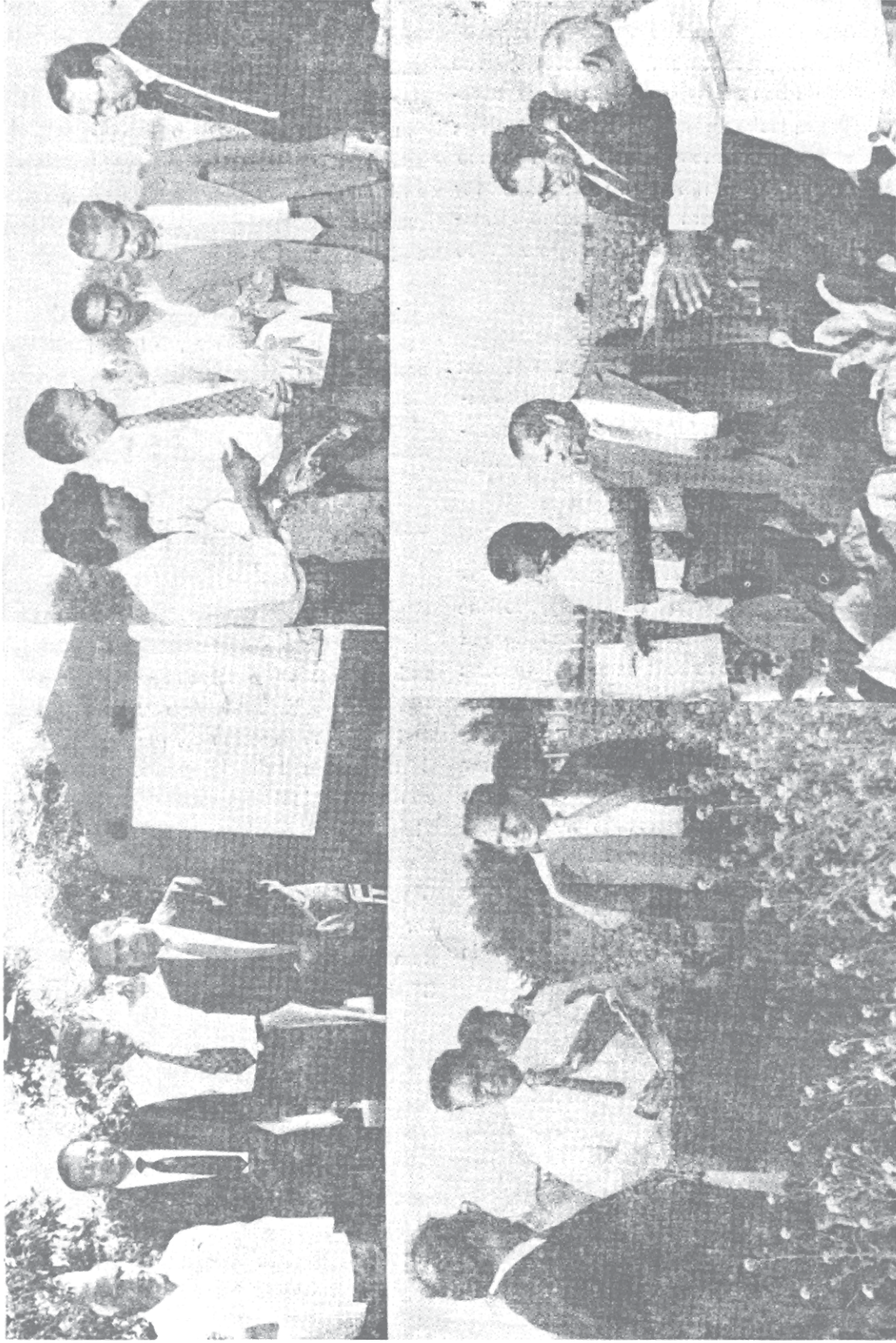
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## CONFERENCE OF ISAS

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The 41st annual conference of the Indian Society of Agricultural Statistics was jointly organised by CTRI and ISAS at Anam Kalakendram during 17-19 December, 1987. Dr. B. K. Bose, Vice-President, ISAS, Delhi presided over the function while Dr. M. S. Chari, Director CTRI welcomed the delegates. The VIPs attended the conference includes Dr. T. D. Prasada Rao, General Manager, Oil seed project, M/s. ITC Ltd., Prof. Prem Narain, Director, IASRI and Secretary, ISAS, Dr. B. N. Singh, Additional Director General, ISI, Executive Member of ISAS, Prof. B. L. Dikshitulu, Director, National Remote Sensing Agency, Scientists and Technicians of CTRI also participated in the deliberations.

Welcoming the Delegates, Dr. M. S. Chari underlined the importance of statistics and said the statistical techniques form the backbone of the data analysis for any research investigation to draw reliable and valid conclusions. The statisticians have a greater role to play in agriculture especially in agricultural experiments in collaboration with the farm scientists in evolving their scientific findings on a firm footing. Complex and sophisticated statistical techniques are also becoming



Field Visits by Dr. M. V. Rao, Special Director General, Dr. R. S. Paroda, Dy. Director General, ICAR, New Delhi accompanied by Dr. M. S. Chari, Director, Tobacco Research and other scientists.





Prof. N. G. Ranga, honouring Dr. T. D. Prasada Rao, General Manager (Oil Seeds),  
M/s. ITC Ltd., ILTD Division (Top)  
Dr. G. S. Murthy Award was presented to Dr. B. V. Ramakrishna and  
Dr. V. Krishna Murthy (Middle)  
Honouring progressive farmers Sri Edala Bhaskara Rao (Bottom)

popular with the advent of computers. Dr. Chari briefly mentioned the various research activities of CTRI and its role in helping the farmers with the improved production technology to increase the yield and quality and reduce the cost of production.

Dr. T. D. Prasada Rao, General Manager (Oil seeds), M/s. ITC Ltd., ILTD Division, Hyderabad, inaugurating the conference emphasised the need for a critical study on the utilization of meteorological parameters in forecasting adverse weather conditions so as to guide the

farmer well in advance about it. He suggested that a) designing computer models to forecast pest and diseases with the help of weather parameters; b) Models for critical analysis to project crop yield, gap analysis to fix remunerative price to the producer; c) Models for quick estimation of the yield losses due to natural calamities so as to help the planners to decide the extent of economic loss caused due to vagaries of nature. Dr. Rao underlined the need to form data banks for effective planning and efficient implementation of rural developmental programmes. Before concluding his speech Dr. Rao said that statisticians have a greater role to play since statistics are the main base of our plans, schemes and programmes.

Prof. Prem Narain, Secretary, Indian Society of Agricultural Statistics explained the activities of ISAS. Dr. B. N. Singh, Additional Director-General, ISI, read the technical address. Prof. B. L. Dikshitulu, Director of NRSA, Hyderabad delivered the 'Dr. Rajendra Prasad Memorial Lecture' on "Land Transformation and the role of remote sensing as a technique for mapping and monitoring."

Sri N. S. Murthy, Head, Statistics proposed a Vote of Thanks.

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### FROM VISITORS NOTE BOOK

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"I congratulate the Scientists, Technicians, Ministerial staff of the C.T.R.I. Research Station, Guntur on the occasion of the Golden Jubilee celebrations of the Centre. All of you can look back with a sense of satisfaction over your contributions. I am happy to be with all of you on this happy occasion. I wish every one of you every success and more contributions for the cause

for which we are all working i. e. to make our country prosperous-rich and-lovable"

Guntur  
27-12-87

Sd/. Dr. M. V. Rao  
Special Director General  
I. C. A. R.  
New Delhi

"I was extremely pleased to be with the scientists and other staff members at CTRI Regional Station, Guntur, especially to celebrate the Golden Jubilee Celebrations to this important station. The contributions made by the scientists are more impressive and the station has done useful service for the tobacco farmers in the region. I wish them all the success."

Guntur  
27-12-87

Sd/. Dr. R. S. Paroda  
Deputy Director General, (CS), ICAR,  
New Delhi

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### APPOINTMENTS

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Sri P. C Jacob has been appointed to the post of Sr. Administrative Officer at CTRI, Rajahmundry w. e. f. 13-10-1987.

Kum. Rohini, has been appointed to the post of Jr. Clerk at CTRI Research Station, Hunsur w. e. f. 29-10-1987.

Sri Chilla Chandrayya, S. S. Gr. I (Watchman), CTRI Research Station, Guntur has been appointed to the post of Tractor Driver on ad-hoc basis at CTRI Research Station, Dinahata w. e. f. 30-10-1987.



Sri P. V. Venugopala Rao has been appointed to the post of Scientist Gr. S-1 (Plant Breeding) at CTRI, Rajahmundry w. e. f. 31-10-1987.

Sri Ram Narayan Thakur, has been appointed to the post of S. S. Gr. I (Beldar) at CTRI Research Station, Pusa w. e. f. 12-11-1987.

Sri Upendra Jha, has been appointed to the post of S. S. Gr. I (Beldar) at CTRI Research Station, Pusa w.e.f. 12-11.1987.

Sri Ramsewak Paswan, has been appointed to the post of Jr. Clerk at CTRI Research Station, Pusa w. e. f. 13-11-87.

Sri Sheodhari Das, has been appointed to the post of S. S. Gr. I (Beldar) at CTRI Research Station, Pusa w.e.f. 17-11-1987.

Sri G. B. V. N. Rao has been appointed to the post of Steno Gr. II at KVK of CTRI, Rajahmundry w. e. f. 10-12-1987.

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## PROMOTIONS

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Sri B. Nageswara Rao, Tech. T-7, CTRI, Rajahmundry has been promoted to the post of Technician T-8 at CTRI, Rajahmundry w. e. f. 1-1-1987.

Sri P. Apparao, S. S. Gr. II, CTRI, Rajahmundry has been promoted to the post of S. S. Gr. III at CTRI Rajahmundry w. e. f. 8-10-87.

Sri G. Prakash, Jr. Clerk, CTRI Research Station, Hunsur has been promoted to the post of Sr. Clerk at CTRI Research Station, Hunsur w. e. f. 9-11-1987.

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## TRANSFERS

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Sri N. Chunnayya, S. S. Gr. I, has been transferred from CTRI, Rajahmundry to CTRI Research Station, Kandukur w. e. f. 9-10-1987

Sri Krishna Nayaka, S. S. Gr. I has been transferred from CTRI Research Station, Kandukur to CTRI, Rajahmundry w. e. f. 20-10-1987.

Dr. K. V. Satyanarayana, Scientist Gr. S-3 has been transferred from CTRI Research Station, Kandukur to CTRI Research Station, Jeelugumilli as officer-in-Charge w. e. f. 31-10-1987.

Sri J. Sivasai, Tech. T-1 has been transferred from CTRI Research Station, Jeelugumilli to CTRI, Rajahmundry w. e. f. 16-11-1987.

Dr. S. Veerabhadrao, Scientist S-2 has been transferred from CTRI Research Station Hunsur to CTRI Research Station, Kandukur w. e. f. 2-12-1987.

Sri Ch. Madhavarao, Tech T- II- 3 has been transferred from CTRI Research Station, Hunsur to CTRI Research Station, Jeelugumilli w. e. f. 8-12-1987.

Sri T. Krishna Reddy, Tech. T-4 has been transferred from CTRI Research Station, Kandukur to CTRI, Rajahmundry w. e. f. 11-12-1987.

Sri V. Narayanacharyulu, Jr. Clerk has been transferred from CTRI Rajahmundry to CTRI Research Station, Vedasandur w. e. f. 14-12-1987.

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**RETIREMENTS**


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The following staff members of the Research Stations retired from the Council's service voluntarily.

Sri T. S. Krishna Murthy, Sr. Clerk,  
CTRI Research Station, Hunsur. .... 1-10-1987.

Sri M. S. R. Anjaneyulu, Assistant,  
CTRI Research Station, Guntur. ... 31-10-1987

Sri S. Arulappan, Sr. Clerk,  
CTRI Research Station, Vadasandur ..... 1-11-1987.

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**OBITUARY**


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Sri I. Venkataswamy, S. S. Gr. III, CTRI, Rajahmundry passed away on 6-11-1987.

Sri P. Sundara Rao, Tech. T. I. 3, CTRI, Rajahmundry passed away on 29-12-1987.

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**PUBLICATIONS**


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Effect of NPK fertilisation on the yield of burley tobacco grown in agency area of East Godavary District, A. P.

Krishnamurthy, V., Reddy, P. R. S. and Ramakrishna, B. V.  
Tob. News 10 (3) : 30-2-1987

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