



Central Tobacco Research Institute, Rajahmundry

MAJOR EVENTS

STAFF RESEARCH COUNCIL MEETINGS



Dr. M.S. Chari addressing the delegates

Staff Research Council Meetings were held from 12-16th July, 1993. Dr. G.J. Patel, Chairman, Quinquennial Review Team (QRT) inaugurated the function by lightening the lamp. Dr. S. Kori, Director, Directorate of Tobacco Development, Dr. R. Lakshminarayana, Project Co-ordinator (Tobacco), members of the QRT, Dr. B.M. Singh, Dean (Plant Pathology), Himachal Pradesh Krishi Vishwavidyalaya, Palampur, Dr. M.K. Chakraborty, Retd. Professor, Gujarat Agricultural University, Anand, Dr. T.S. Subrahmanyam, Research Manager, ITC Ltd.-ILTD, Division, Rajahmundry, Dr. S.K. Midha, Member-Secretary, QRT, Scientists from AICRP Centres, CTRI and its Research Stations, and

Officials from Tobacco Board and ITC have participated in the meetings. The progress of research programmes was reviewed critically and the technical programme of work for the year 1993-94 season was finalised. New projects from different disciplines have been proposed of which 21 were approved. Flue-cured tobacco variety CM-12 for Northern light soils (AP) and Vaisali Special (Chewing) for Bihar tract were identified for release.

The following recommendations were released for the benefit of farming community by the SRC.

Spacing of 70x50cm and application of N@40 kg/ha are recommended for the varieties VT-1158 and Gowthami.

The kharif crops viz. Groundnut, Blackgram, Greengram and Soybean showed a tremendous potential to exploit the entire upland vertisols of East and West Godavari Districts where the South-West monsoon assures good rain-fall. Growing these pulse crops successively for three years resulted in an increased yield returns year after year indicating indirectly the development of native cultures of microbes and their role in N-fixation. However, in respect of soybean it is recommended with caution to include in the flue-cured tobacco based cropping system as it is found to have deleterious effect on the growth of subsequent flue-cured tobacco crop.

It is recommended to keep grass heaps at 6 m (20') distance in between plant rows and dusting them with carbaryl 5% dust next day or application of pongamia cake powder @5 g/ plant mixed in handful of sand, around the stem of each plant base for protection of newly transplanted flue-cured tobacco crop from ground beetle damage.

QUINQUENNIAL REVIEW TEAM VISITS

CTRI RESEARCH STATION, HUNSUR



Dr. G.J. Patel, Chairman. QRT addressing the delegates



Dr. G.J. Patel releasing Bulletin

Quinquennial Review Team (QRT) under the Chairmanship of Dr. G.J. Patel, Retd. Project Co-ordinator (Tobacco), Anand, Gujarat visited the Research Station on 25-8-93 and reviewed the work carried out for the period 1987-91.

BURLEY TOBACCO RESEARCH CENTRE, JEDDANGI

The QRT visited White Burley Tobacco Research Centre, Jeddangi on 15-7-1993.



Quinquennial Review Team visiting the burley nurseries

RESEARCH HIGHLIGHTS

CTRI RESEARCH STATION, KANDUKUR

- * Ridomil 0.2% spray at 3rd and 4th week after sowing effectively controlled damping off and black shank and produced more transplantable and healthy seedlings.
- * Tobacco seed rate at 7 kg/ ha produced maximum number of healthy and transplantable seedlings.
- * Twenty tonnes of well decomposed FYM application increased the number of healthy and transplantable tobacco seedlings.

CTRI RESEARCH STATION, HUNSUR

- * Experiments conducted at the station revealed that poultry manure in combination with solarization gave better control of root-knot and yielded more transplants

compared to poultry manure alone. Solarization with 50g in combination with Carbofuran at 3kg ai/ha reduced the root-knot upto 18 per cent at 45 days.

CTRI RESEARCH STATION, GUNTUR

ICAR ad-hoc Schemes

Two ICAR ad-hoc schemes entitled (1) Insecticide Resistance Management (IRM) in *Heliothis armigera* under the leadership of Dr. G. Raghupathi Rao and (2) Development of better pesticide application technology under the leadership of Dr. M.S. Chari and Dr. G. Raghupathi Rao with a total out lay of Rs. 17.71 lakhs for three years i.e. 1993-96 were inaugurated by Dr. M.S. Chari, Director. The works under the schemes are in progress.

TRANSFER OF TECHNOLOGY

CTRI, RAJAHMUNDRY

Training Programme

A training programme on **Soil and water analysis** was organised from 19th July to 10th August, 1993 for Tobacco Board Officials.

Group Discussion

A group discussion on flue-cured tobacco cultivation in different soils was organised in connection with the visit of a team of members from R.J. Reynold Co., on 2-8-1993

CTRI RESEARCH STATION, HUNSUR

New Glass House Inauguration

Dr. M.S. Chari, Director inaugurated a newly constructed glass house at CTRI Research Station, Hunsur on 25-8-93.

Training Programme

Four probationary officers of Godfrey Phillip India Ltd., Guntur and eight field officers of Tobacco Board, Karnataka zone were trained in field crop management of flue-cured tobacco and plant position grading from 13-16th September, 1993.

CTRI RESEARCH STATION, VEDASANDUR

Farmers' Meet

Farmers' meet was organised on 10-9-93 and more than 125 farmers participated. Farmers' doubts on the cultivation of tobacco were clarified by scientists and technical officers. A booklet on **Package of Improved Cultivation Practices for Improving Tobacco Yields** prepared by the Research Station was distributed to the farmers. The meet was arranged in collaboration with Shaw Wallace Company.

RADIO TALKS

- * బీడినూపిడి తోటలకు సోకు పురుగులు - వాటి నివారణ (Pest Management in Cashew) by Sri B. Narasimha Rao on AIR, Visakhapatnam, 14-7-1993
- * పండ్లు - కూరగాయలు నిల్వచేసుకొనే పద్ధతులు (Different Storage methods of Fruits and Vegetables) by Smt. V.V. Lakshmi Kumari on AIR, Visakhapatnam, 11-8-1993

- * బర్డి పాగాకు పంటపై సస్యరక్షణ - మందుల ప్రభావము తగ్గించడములో మెళుకువలు by Dr. M.S. Chari on AIR, Visakhapatnam, 23-8-1993
- * వర్షీనియా పాగాకులో చేయవలసిన యాజమాన్య పద్ధతులు - మెళుకువలు Sri M. Umamaheswara Rao on AIR, Vijayawada, 8-9-1993
- * పాగాకు రకములు - లక్షణములు (వ్యవసాయపాఠశాల - 1వ భాగము) by Sri V.V. Ramana Rao on AIR, Vijayawada, 1-9-1993
- * తేలికనేలల్లో పాగాకు రకములు (వ్యవసాయ పాఠశాల - 2వ భాగము) by Sri V.V. Ramana Rao on AIR, Vijayawada, 8-9-1993
- * పాగాకు నారుమళ్ళు (వ్యవసాయ పాఠశాల - 3వ భాగము) by Sri B. Nageswara Rao on AIR, Vijayawada, 15-9-1993
- * పాగాకు ఎరువువేత, కాల్పు, గ్రేడింగు (వ్యవసాయ పాఠశాల - 4వ భాగము) by Sri M. Umamaheswara Rao on AIR, Vijayawada, 22-9-1993
- * పాగాకు సేద్యంలో సస్యరక్షణ by Dr. M.S. Chari on AIR, Vijayawada, 29-9-1993
- * పిల్లల ఆరోగ్యము - తల్లులు తీసుకొనవలసిన జాగ్రత్తలు (Mother's care on child health) by Smt. A. Aruna Kumari on AIR, Visakhapatnam, 29-9-1993
- * వర్షీనియా పాగాకులో అధిక దిగుబడికి ముందుగా ఆచరించే పాలంపనులు by Sri M. Umamaheswara Rao on AIR, Vijayawada, 30-9-1993

CONFERENCES / SYMPOSIA/SEMINARS / WORKSHOPS/TRAINING COURSES

- * Sri M. Sanni Babu, Dr. B. John Babu and Dr. P.V.S., Siva Rao from KVK, Kalavacherla attended training programme of KVK at Rayalaseema Seva Samiti, Tirupathi on 16-17th September, 1993.
- * Sri R. Srinivasulu, Sri V. Venkateswarlu and Sri A.V. Sekhara Babu from CTRI Research Station, Kandukur attended Tobacco Seminar organised by Syndicate Bank at Varikuntapadu, Nellore District on 24-9-1993.

OTHER ACTIVITIES

Vanamahostavam Celebrations

Vanamahostavam was celebrated on 14-7-1993 at CTRI Complex. QRT Chairman and members, Director, Scientists and staff members planted Neem, Pongamia and other seedlings in the campus.



Dr. M.S. Chari, Dr. M.K. Chakraborty, Dr. G.J. Patel and others

Independence Day Celebrations

Forty seventh Independence Day was celebrated on 15-8-1993 at the Institute. Dr. M.S. Chari, Director hoisted National Flag. All the staff members attended the function.

Official Language Implementation Committee

The Official Language Implementation Committee of this Institute was reconstituted with following members :-

1. Sri Rambir, Scientist, Sr. Scale- Chairman
2. Sri P.C. Jacob, Sr. Administrative Officer - Member
3. Sri M. Appa Rao, Technical Officer, T-5 - Member
4. Sri Y.V. Suryanarayana, Documentation Officer -Member Secretary
5. Sri Ambadas, Hindi Pradyapak - Member Co-opted

Awards from CTRI Employees Co-operative Credit Society

Gold coated Silver Medal and Certificate awards constituted by the society were given by Dr. M.S. Chari, Director on 15-8-1993 to the children of members of the society who got highest marks in Intermediate and S.S.C. examinations among the members children. In Intermediate, Mr. V. Girija Shankar, S/o. Dr. V. Krishna Murty and Mr. R.V. Seetha Rama Rao, S/o. Dr. R.V.S. Rao got 1st and 2nd awards respectively. In S.S.C., Miss. P. Pratima Nag, D/o. Dr. P. Harishu Kumar and Mr. A. Kishore, S/o. Sri A. Haranath got 1st and 2nd awards respectively.
Congratulations



Mr. R.V. Seetha Rama Rao, Dr. M.S. Chari, Mr. V. Girija Sankar and Mr. A. Kishore.

Hindi Week Celebrations

Hindi week was celebrated from 14.9.1993 to 18.9.1993 in the Institute. On 14.9.93, Inaugural Day function was arranged. Sri Rambir, Scientist Sr. Scale and Chairman, Official Language Implementation Committee welcomed the gathering. Dr. S. Kori, Director, Directorate of Tobacco Development, Madras inaugurated the function by lightening the lamp. Dr. M.S. Chari, Director delivered the presidential address. Sri Y.V. Suryanarayana, Documentation Officer and member - Secretary, Official Language Implementation Committee gave vote of thanks.

Competitions were held in (1) Translation of terminology from Hindi to English and vice versa (2) Letter writing in Hindi (3) Hindi essay writing (4) Translation of running matter from English to Hindi for all employees from 14-17th September, 1993. On 18th September, 1993 Valedictory Function was arranged. Some of the



Dr. S. Kori, Director, Tobacco Development Inaugurating the function

employees actively participated in all the competitions viz (a) Reading Hindi matter (b) Elocution (c) Gazels/Kavitas and Songs. Dr. H.S. Kameswararao, Head, Dept. of Hindi, Arts College, Rajahmundry acted as Chief Guest and Sri Ambadas, Sri S.P. Gangireddy, Sri Jagadish Rao and Smt. S. Annapurna acted as Judges for all the competitions. In his presidential address, Dr. M.S. Chari advised all the staff to learn and speak in Hindi very frequently in the office. Messers U. Sridhar, T. Venkateswarlu, Jagdish Chandra, Khadar Mastan, and Ms. J.V.R. Satyavani and Ms. M. Kamala secured first prizes where as Messers T. Sitaramachari, C. Chandrasekhara Rao, N.S. Murthy, Y.V. Suryanarayana, B.V.V. Satyanarayana, P. Ramkumar, and Ms. M.V. Vijayalakshmi secured second prizes in the competitions. Prizes were distributed by the Chief Guest, Sri Y.V. Suryanarayana proposed vote of thanks. Sri P.C. Jacob and Sri M. Apparao, and Sri N. Syam Prasad and Sri Ch. Sri Rama Rao actively involved in organizing the celebrations and made the function a grand success.



L to R: Sri I.Jagadish Chandra, Dr. U. Sridhar, Sri S.K. Mastan, Ms. M.Kamala, Dr. T. Venkateswarulu and Dr. H.S. Kameswara Rao

VISITORS

CTRI, Rajahmundry

- 2.7.1993 Sri Tin Walton, Sian Tobacco Export Corp., Thailand
- 21.7.1993 Sri S.M. Kothatkar, M.D., DMI, Nagapur
Sri N. Sreeramulu, Marketing Officer, DMI, Nagapur
- 23.7.1993 Sri K.K. Guptan, Sri A. Banarjie, Sri Raman, National Council of Applied Economics Research, New Delhi
- 2.8.1993 Sri David Pross, Director, Business Development, and Sri Agustin Garcia, Zalduegui, Group Director, R.J. Reynold Co., Geneva, Switzerland.
Sri Fred Hart, R.J. Reynold Co., Penena

21.8.1993 Dr. D.K. Sharma, Ex-Vice Chancellor, Bhopal and Chairman, QRT, KVK.

24.9.1993 Kum. Y. Jyothirmayi, Agric. Officer and nine village extention officers, Agricultural Research farm, Samalkot.

CTRI RESEARCH STATION, DINHATA

30.9.1993 Sri Raghavendra Singh, I.A.S., District Magistrate, Cooch Bihar.

PAPERS PUBLISHED

Ramachandram, D., J.A.V. Prasada Rao and M.S. Chari

తేలికనేలల్లో పొగాకుపొగుకు మేలైన సూచనలు Annadata 25 (9):
20-21, 1993

APPOINTMENTS

S.No.	Name	Grade	Place of Duty	Date
1.	Sri V. Satyanarayana	S.S.Gr.I	Rajahmundry	22.7.1993
2.	Sri Ganoor Majhi	S.S.Gr.I	Pusa	28.7.1993
3.	Sri P.N.M. Swamy	S.S.Gr.I	Rajahmundry	12.8.1993

RETIREMENTS

S.No	Name	Grade	Reason	Date
1.	Sri N.Mutan	S.S.Gr.IV	Superannuation	31.8.1993
2.	Sri M. Subrahmanyam	T. O. T-5	Superannuation	30.9.1993
3.	Sri Ram Sagar Rai	S.S.Gr. III	Superannuation	30.9.1993

KRISHI VIGYAN KENDRA



White Burley Nursery Management



Training of rural youth in grafting techniques

Training Programmes

Thirty Seven Training programmes were conducted and 552 farmers, farm-women and school dropouts were trained under different disciplines of KVK.

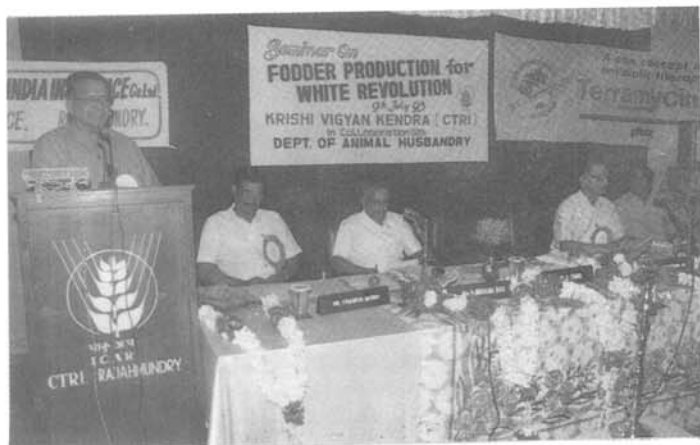
Skill Oriented Training Programmes

- * Eight farmers from Sitarampuram village have undergone training on **Paddy field crop Management** from 16.9.1993 to 20.9.1993.
- * Thirteen rural youth and school dropouts from Gadarada, Sitarampuram and Kalavacherla villages were trained on **Plant propagation techniques in fruit and crops** from 4.8.1993 to 21.8.1993.
- * Three months duration training programme on tailoring for 25 farm-women and school dropouts was started from 27th September, 1993

Special Training Programmes

- * Three days training programme on 'Calf rearing' was conducted for 28 trainees of Parvathipuram and Sunki villages of Srikakulam Dt. at ABIRD, Rajahmundry from 23-28 August, 1993.
- * Two days training programme on Preparation of Squashes, Jams, Pickles and Detergent and Cleaning Powder making was conducted for 20 volunteers of Sri Satya Sai Sevasangam, Rajahmundry from 22-23 July, 1993.
- * One week training on Preparation of Squashes, Jams, Pickles was conducted for 30 women members of Maheswari Samaj, Rajahmundry from 6-12 September, 1993

Seminar on Fodder Production for White Revolution



Dr. M.S. Chari addressing the delegates

Seminar on "Fodder Production for White Revolution" was organized by KVK and sponsored by Pfizer Pharmaceuticals Ltd., and United India Insurance Ltd., in collaboration with Dept. of Animal Husbandary at CTRI on 9-7-1993. Dr. M.S. Chari inaugurated the seminar and Dr. R. Mohan Rao, Joint Director, Dept. of Animal Husbandary presided over the function. Dr. Vasireddy Narayana rao Editor, Annadata, Dr. Francis Reddy, General Manager, Godavari Milk Producers Union, Sri A.B. Marla, Manager, Horlicks Factory, 200 Veterinary Surgeons, Asst. Directors, Deputy Directors, Joint Directors of other districts of A.P. participated in the seminar. Dr. Y. Kanna Babu and Dr. Kesava Reddy delivered the lectures. A Bulletin on FODDER PRODUCTION was released in this occasion.

Cattle Health Camps

* A Cattle health camp was organised at Sitarampuram on 3-8-93 and 200 animals were vaccinated against M.S. and B.Q. diseases.

* One hundred animals were treated in First aid Centre at Kalavacherla

Participation in Exhibition

* KVK participated in the exhibition organised by Regional Agricultural Research Station, Chintapalli on 6-7th September, 1993 and installed a Stall. More than 500 people witnessed the stall and familiarised with the activities of KVK for the rural development.

Quinquennial Review Team Visit

* Dr. D.K. Sharma, Ex-Vice-Chancellor, JNKVV, Jabalpur and Chairman of the Quinquennial Review Team and members Dr. V.P. Sukhla, Ex-Vice-Chancellor, IGKVV, Raipur, Dr. S. Chandra, Ex-Director of Veterinary Services, Govt. of Madhya Pradesh, Dr. G.S. Dave, Ex-Head, Dept. of Plant Pathology, JNKVV, Jabalpur, Dr. W.R. Despande, Ex-Associate Director of Research, JNKVV, Jabalpur, Dr.P. Das, Zonal-Coordinator, Transfer of Technology (Unit 7), JNKVV, Jabalpur (Member-Secretary) visited and reviewed the work of K.V.K. Kalavacherla on 21-8-1993.

Visit to this KVK is very inspiring. The team was very much impressed with the programmes being undertaken by KVK. The instructional farm layout and management is excellent. The team spirit among the scientists is excellent. We wish them all the best.

D. K. Sharma
Chairman, QRT, KVK, ICAR
21-8-93

मुख्य गतिविधियाँ

अनुसंधान कर्मचारी परिषद की बैठकें

अनुसंधान कर्मचारी परिषद की बैठकें दिनांक 12 जुलाई से 16 जुलाई तक आयोजित की गयीं। डा. जी.जे. पटेल, अध्यक्ष, पंचवर्षीय समीक्षा दल ने दीप प्रज्वलित करके समारोह का उद्घाटन किया। डा. एस. कोरी, निदेशक, तम्बाकू विकास निदेशालय, डा. आर. लक्ष्मीनारायण परियोजना समन्वयक (तम्बाकू), पंचवर्षीय समीक्षा दल के सदस्य, अखिल भारतीय समन्वित अनुसंधान परियोजना (तम्बाकू) के केन्द्रों तथा केन्द्रीय तम्बाकू अनुसंधान संस्थान और इसके अनुसंधान केन्द्रों के वैज्ञानिकों, तम्बाकू बोर्ड तथा इण्डियन टुबैको कम्पनी के अधिकारियों ने इन बैठकों में भाग लिया। डा. एम. एस. चारी ने प्रतिनिधियों का स्वागत किया। अनुसंधान कार्यक्रमों की प्रगति की आलोचनात्मक समीक्षा की गयी और वर्ष 1993-94 के मौसम के लिए तकनीकी कार्यक्रमों का अन्तिम रूप दिया गया।

पंचवर्षीय समीक्षा दल ने दिनांक 15-7-1993 को श्वेतबर्ली तम्बाकू अनुसंधान केन्द्र जेड्डंगी का और 25-8-93 को सी.टी.आर.आई. अनुसंधान केन्द्र, हुणसूर का निरीक्षण किया।

अनुसंधान झलकियाँ

सी.टी.आर.आई. अनुसंधान केन्द्र, कन्दुकूर

बीज बोने के बाद तीसरे और चौथे सप्ताहों में रिडोमिल 0.2% छिडकाव क्लेद गलन और ब्लैक शैक के नियंत्रण में उपयोगी रहा।

हर हेक्टेयर में 7 कि.ग्रा. बीज बोने से स्वस्थ तथा प्रतिरोप्य पौधे अधिक संख्या में पाये गये।

सी.टी.आर.आई. अनुसंधान केन्द्र, हुणसूर

कुकुट-खाद को अति उद्भासित करके प्रयोग करने से रुट नाट का अच्छा नियंत्रण हुआ और अधिक पौधों के पैदावर में वृद्धि हुई।

सी.टी.आर.आई. अनुसंधान केन्द्र, गुण्टूर

डा.एम.एस. चारी निदेशक ने भारतीय कृषि अनुसंधान परिषद के दो तदर्थ योजनाओं का उद्घाटन किया और ये दोनों योजनाएँ प्रगति पथ में हैं।

तकनोलजी का स्थानांतरण

सी.टी.आर.आई. राजमन्त्री

तम्बाकू बोर्ड के अधिकारियों के लिए दिनांक 19 जुलाई से 10 अगस्त 93 तक मृदा एवं जल विश्लेषण पर एक प्रशिक्षण कार्यक्रम आयोजित किया गया।

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

दिनांक 10 सितंबर 1993 को किसान मेला आयोजित की गयी और इसमें 125 से अधिक कृषकों ने भाग लिया।

अन्य गतिविधियाँ

* संस्थान में 15 अगस्त 1993 को सैतालीसवाँ स्वतंत्रता दिवस आयोजित किया गया।

* सी.टी.आर.आई. के प्रांगण में 14-7-1993 को वनमहोत्सव आयोजित किया गया।

हिन्दी सप्ताह समारोह

14-9-93 से 18-9-93 तक संस्थान में हिन्दी सप्ताह मनाया गया। डा. एस. कोरी, निदेशक, तम्बाकू विकास निदेशालय मद्रास ने दीप प्रज्वलित करके समारोह का उद्घाटन किया। एम. एस. चारी, निदेशक ने अध्यक्ष भाषण की। श्री वाई. वी. सूर्यनारायण, प्रलेखन अधिकारी और राजभाषा कार्यान्वयन समिति के सदस्य सचिव ने धन्यवाद ज्ञापन किया। हिन्दी में विभिन्न प्रतियोगिताएँ आयोजित की गयीं और दिनांक 18-9-93 को मुख्य अतिथि द्वारा पुरस्कार वितरित किये गये।

कृषि विज्ञान केन्द्र

* विभिन्न विषयों में 37 प्रशिक्षण कार्यक्रम आयोजित किये गये और 552 कृषकों कृषक महिलाओं और संस्था छोडे हुए युवाओं ने भाग लिया।

* डा. डी. के. शर्मा, भूत पूर्व कुलपति, जवाहरलाल नेहरू कृषि विश्व विद्यालय, जबलपुर के नेतृत्व में पंचवर्षीय समीक्षा दल ने दिनांक 21 अगस्त 1993 को कृषि विज्ञान केन्द्र का निरीक्षण किया और वहाँ के कार्यकलापों की समीक्षा की।