



# स्यमाचार Newsletter

Vol.19 No.3 July - Sept 1997



## Central Tobacco Research Institute

#### RESEARCH ADVISORY COMMITTEE MEETING

Research Advisory Committee meeting was held on 23.7.97. Dr. K. Nagarajan, Director welcomed the members to the meeting. Dr. G.J. Patel, Chairman, RAC, Dr. S.P. Tiwari, ADG(CC), Dr. B.R. Murty, Dr. T.S. Subramaniam, Dr. S. Kori, and Heads of Divisions, Sections and Research Stations have attended the meeting.



Dr.S. Kori, Dr.K. Nagarajan, Dr.G.J. Patel, Dr.S.P. Tiwari, Dr.T.S. Subramaniam & Dr.B.R. Murty

Dr. Nagarajan opined that the presence of Dr. S.P. Tiwari, ADG (CC), ICAR in the RAC meeting has added significance. He mentioned that the FCV tobacco situation was quite encouraging in KLS, NLS and black soils. The country has earned Rs.721 crores on export of tobacco. He informed the RAC that CTRI has completed 50 years and its Golden Jubilee celebrations are being planned in January 1998 along with National Symposium on Tobacco organised by ISTS and ICAR.

Dr. Patel, Chairman felt that tobacco should be taken to heart and it is for the ICAR to support the crop as it is passing through a difficult situation.

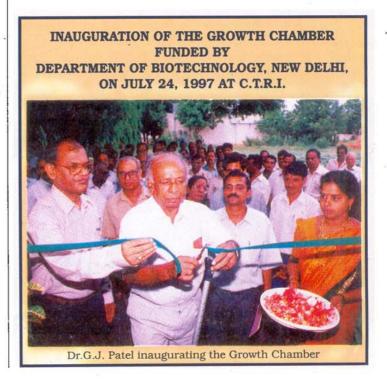
Dr. B.R. Murty opined that the transgenic plants can be used for producing vaccine and this may be taken up with the collaboration of ICMR. He also opined that useful results have been obtained particularly in Biotechnology. He suggested to initiate indepth studies on Radio-isotopes in relation to tobacco

quality under Indian conditions and added that studies on aroma which are in the early stage may be intensified. Dr. Subramaniam informed that the tobacco growers secured very good price this year and the trade has now realised to respect the quality of tobacco.

Dr. Kori said that inspite of anti-smoking campaign all over the world the tobacco production is increasing year-by-year by 2%.

Dr. S.P. Tiwari, ADG(CC) ICAR after listening to the achievements of different divisions and Research Stations, complimented the scientists for the good work and pleaded that the writings on the wall of the anti-tobacco lobby may be kept in mind while planning future research programmes.

Dr. J.A.V. Prasad Rao, Member-Secretary, RAC presented the action-taken report on the recommendations made at the last RAC meeting and their adaptation.



2 CTRI Newsletter

#### 1997 STAFF RESEARCH COUNCIL MEETINGS

Staff Research Council meetings were held from 24-28 July 1997. Dr. J.A.V. Prasad Rao, Secretary, SRC welcomed the delegates and mentioned the importance of the SRC meetings. Dr. G.J. Patel, Chairman, RAC inaugurated the function. Dr. K. Nagarajan, Director, CTRI, Dr. B.R. Murty, Retd. Director, Nuclear Research Laboratory, IARI, New Delhi, Dr. T.S. Subramaniam, Research Manager, ITC Ltd/ILTD Div... Dr. R. Lakshminarayana, Project Co-ordinator (T), Dr. S. Kori, Director, Directorate of Tobacco Development. Progressive farmers, R&D group of ITC. GPI, Scientists from AICRP, CTRI, CTRI Research Stations and officials from Directorate of Tobacco Development have participated.

Dr. G.J. Patel in his inaugural address complimented the scientists of CTRI for the development of good packages. He gave valuable suggestions to young scientists to dedicate themselves and devote energies to keep the future of tobacco bright.

Dr. K. Nagarajan mentioned that ICAR has given consent to celebrate the Golden Jubilee of CTRI coinciding with Golden Jubilee of India's independence. He mentioned that India has a pride of place in agricultural production in bringing green, white, yellow and red revolutions and the developing countries are looking towards India with a hope that it can lead other developing countries for self sufficiency. He highlighted the salient findings and achievements of CTRI. He mentioned

that the yield potential of pipeline varieties 16/103 MR, Hema MR, NLS 4 and NLS 5, 1099/2/4 and L-3569 is quite promising. Similarly in KLS, the performance of FCH-6534 is worth mentioning and it is going to be identified for release. A new chewing tobacco variety Abhirami' has been recommended for identification for the benefit of tobacco farming community in Tamil Nadu.

Dr. T.S. Subramaniam delivered a lecture on "Emerging Scenario of International tobacco market and Indian opportunities" He asserted that there is no necessity to have an alternate crop to tobacco. He also mentioned that the uniqueness of Indian tobacco is "Value for money". India is producing varied styles of tobacco to suit to the customers choice world over. Major countries are entering India and giving us opportunity to produce more tobacco and the quality should be of International standards as per ISO-9002. He mentioned that the need of the hour is to improve from semi-flavourful to flavourful tobacco and exploit new areas of production while maintaining the quality.

Dr. S. Kori has elucidated the economic importance of tobacco and health hazards. He is also of the opinion that tobacco will not disappear and it will continue to exist in future.

During SRC meetings sixteen new projects from various disciplines have been approved to be conducted during the year 1997-98.



Dr.G.J. Patel releasing the publication, CTRI Perspective Plan

#### RESEARCH HIGHLIGHTS

#### CTRI, Rajahmundry

☐ High yielding and better quality FCV-lines V-3884, V-3885 and V-3886 with yield potential of 2500 to 2700 kg/ha as against 2000 kg of standard variety VT-1158 were identified for bulk plot tests/ AICRP multilocational tests.

#### CTRI Res. Stn., Hunsur

- Score @ 0.1% and combination schedule of Bordeaux mixture + Score @ 0.05% confirmed to be very effective for the control of anthracnose disease in FCV tobacco nurseries.
- □ Some of the interspecific hybrids obtained from CTRI, Rajahmundry showed good promise against different species of Meloidogyne causing root-knot disease.
- Under the "Energy conservation" programme, barn roof insulation from inside using mineral wool/rock wool has been found to be effective in saving the wood fuel consumption both at the Research Station and in farmers' fields.

#### CTRI Res. Stn., Kandukur

□ Ridomil Mz-72 WP @ 0.2% side hole application four weeks after planting effectively controlled black shank disease in tobacco field crop.

#### CTRI Res. Stn., Vedasandur

■ HV 86-5 isolated from the pure line, sun-cured chewing tobacco variety I-64 (Monnai), following treatment of seeds with chemical mutagen (EMS) has been identified for release for cultivation in the sun cured chewing tobacco tract of Tamil Nadu. It has an yield potential of 4000 kg/ha.



### TRANSFER OF TECHNOLOGY

#### ON-FARM TRIAL AT CTRI FARM, KATHERU

On-farm trial was conducted with flue-cured tobacco variety V-3569 at CTRI Farm, Katheru during 1997. Director and Scientists from CTRI and farmers visited the crop.



#### TEAM VISIT TO KARNATAKA LIGHT SOILS AREA

A team of scientists from CTRI, Rajahmundry visited the CTRI Res. Stn., Hunsur, Shimoga and farmers fields in Karnataka from 4.8.97 to 13.8.97 and assessed the field crop and gave suggestions to the farmers for improving the yield and quality of Karnataka tobacco.



#### CTRI, Rajahmundry

#### **Farmers Meet**

Sri S. Sitaramaiah, Sri M. Sannibabu, Sri S.K. Naidu and Dr. John Babu attended "Agricultural seminar" at Gokavaram, organised by FACT Ltd., Rajahmundry on 8.9.97 and explained the Burley tobacco production, pest & disease management, curing and grading. Nearly hundred farmers attended the meeting.

#### CTRI Res. Stn., Hunsur

#### Training programme

A training programme was organised for Tobacco Board officials and field staff on "Field crop Management" on 28.8.97.

#### CTRI Res. Stn., Pusa

#### **Farmers Meet**

Dr. K.D. Singh, Head, CTRI Res. Stn., Pusa attended progressive farmers and traders meeting at Patna organised by M/s Krishi Rasayan Export and M/s Kisan Brothers, Muzaffarpur and Kisan Gosti at Kesopurhot, Samastipur Dt., organised by Director, Seed and Farm, RAU, Bihar and M/s Searle India Ltd., Patna and delivered lectures on tobacco production technology on 30.8.97 and 8.8.97, respectively.

#### CTRI Res. Stn., Kandukur

#### Trainees training programme

Dr. R. Sreenivasulu and Sri V. Venkateswarlu participated in trainees training programme conducted by District Collector at Ongole on 21-22nd Aug., 1997.

4 CTRI Newsletter

#### RADIO TALKS

- □ పాగాకుకు ముందు సాగు చేయవలసిన వంటలు.by S.K. Naidu on AIR, Vijayawada, 3.7.97
- □ Post Harvest Technology of FCV tobacco. by Dr.M.M. Shenoi on AIR, Mysore, 8.7.97
- □ మన ఆహారంలో చిరు ధాన్యాల పాత్ర. by Smt. N. Arunakumari on AIR, Visakhapatnam, 11.7.97
- □ పాగాకు నారుమళ్ళు లాభసాటి అధునాతన యాజమాన్యం. by Sri B. Nageswara Rao on AIR, Visakhapatnam, 23.7.97
- ా గ్రామీణ అభివృద్ధిలో కృషి విజ్ఞాన కేంద్రాల కృషి by KVK Staff on AIR, Vijayawada, 27.7.97
- ా సోయా చిక్కుడు ఆహారపు విలువలు. by Smt. N. Arunakumari on AIR, Vijayawada, 31.7.97
- □ A Radio Interview with KVK beneficiaries on AIR, Vijayawada, 22.8.97
- పాగాకు నారుమళ్ళలో సమగ్ర సస్యరక్షణ. by
   Dr. U. Sreedhar on AIR, Vijayawada,
   23.8.97
- ☐ Tobacco Research and Developmental activities of CTRI Res. Stn., Hunsur. by Sri K.N.Subrahmanya on AIR, Mysore, 26.8.97
- ☐ Improved method of tobacco cultivation by Dr.S.Amarnath on AIR, Darbhanga, 29.8.97
- □ బర్లీ పాగాకు సాగులో నూతన యాజమాన్య పద్ధకులు. by Sri S.V.V. Satyanarayana on AIR, Visakhapatnam, 30.8.97
- ☐ Manuring and planting of improved varieties of tobacco by Dr. K.D. Singh on AIR, Darbhanga, 24.9.97

#### PAPERS PUBLISHED

NAGARAJAN, K., S.K. NAIDU and T.K. MURTY. పాగాకు నారుమళ్ళ నాశించు పురుగులు -నివారణ. Eenadu, 8.8.97

SREERAMAMURTY, CH and V. KRISHNAMURTY. నాటు పాగాకు పంటకు ఎరువులు వాడకంలో మొలకువలు. Eenadu, 9.8.97.

RAMA PRASAD, G. Integrated management of Spodoptera litura F. in Spodoptera litura in India. In Proc. of the National Scientists Forum on Spodoptera litura F. 2-4 April, 1996. ICRISAT, Asia Centre.

SRINIVASULU, R and V. VENKATESWARLU. పాగాకు పంటకు ముందు వేయదగిన ఖరీఫ్ పైర్హు. Eenadu, 10.7.1997.

SREERAMAMURTY, CH and V. KRISHNAMURTY. Influence of N and K fertilization on cured leaf yield and yield attributes of irrigated natu tobacco. Crop. Res. 14(2):227-31, 1997.

#### VISITORS

#### CTRI, Rajahmundry

11.9.97 Dr. Hal. L. Teegraden, Director - Agronomy, Dimon International, U.K.

22.9.97 Messrs. F.A. Nanayakkara, N. Amarar Singhe, J.A. Egodawela, A.S.M. Salim, W.M. Somaratne from Cylon Tobacco Company, Sri Lanka.

#### CTRI Res. Stn., Hunsur

4.9.97 AIR, Mysore Staff visited and recorded a programme on the "Activities of CTRI Res. Station, Hunsur"

8.9.97 Dr. Hal L. Teegraden, Director - Agronomy, Dimon International, U.K.

16.9.97 A delegation of six Govt. Officials, Traders and growers from Sri Lanka.



Dr.K. Nagarajan discussing with the Cylon Tobacco Company Officials

#### **Independence Day Celebrations**

Fiftyfirst Independence Day was celebrated on 15.8.97 at the Institute. Dr.K. Nagarajan, Director hoisted National Flag and addressed the gathering. All the staff members attended this function. Tobacco Institute Club organised a function on this occasion. Many staff members participated in the sports & games and cultural events on this occasion. Dr.K. Nagarajan, President of the Club distributed prizes to the winners and runners of sports & games.

#### HINDI FORTNIGHT CELEBRATIONS

Hindi Fortnight was celebrated from 15 to 27th September, 1997 at this Institute. Dr. K. Nagarajan, Director and Chairman of the Official Language Implementation Committee inaugurated the celebration by lighting the lamp on 15.9.97. Sri Y.V. Suryanarayana, Documentation Officer delivered the welcome address.



Dr.K. Nagarajan lighting the lamp

Competitions were conducted in Hindi for the staff during the fortnight. Sri B.M. Maheswari, Vice-President (Admn), Andhra Pradesh Paper Mills Ltd., Rajahmundry was the Chief Guest for the valedictory function on 27.9.97. Sri Ch. Sreerama Rao, Asst. Director

on Sampreshan

(Hindi) and Member-Secretary, OLIC read out the messages sent by Sri Chaturanan Mishraji, Hon'ble Minister of Agriculture, Government of India & President, ICAR and Dr. R.S. Parodaji, Hon'ble Director General, ICAR and presented the Hindi Fortnight celebrations report. Dr. Nagarajan narrated Hindi implementation activities of the Institute during the year. Vote of thanks was proposed by Sri Y.V. Suryanarayana. Sri M. Appa Rao, Technical Officer T-5 and member, OLIC, Sri N. Syam Prasad, Sri V. Arjuna Paul, Technical Officers and Kum. Susheela Devi, Hindi typist actively involved in organizing the celebrations and made the function a grand success. The staff actively participated in the various competitions in Hindi and secured prizes. The chief guest distributed prizes to the winners and other participants in all the programmes during the fortnight. On the valedictory function day Sri Ponnama Raju Venkata Ramana Murthy, Head, Dept. of Sanskrit and Sri Boddupalli Laxminarayana, Head, Dept. of Telugu of Govt. Arts College, Rajahmundry were honoured as regional languages experts in the town as per the guidelines issued by the Council.



Sri Ch. Sree Ramarao, Sri B.M. Maheswari, Dr.K. Nagarajan and Sri Y.V. Suryanarayana

Item	First Prize	Second Prize
Translation		
English to Hindi	Sri P. Ram Kumar	Sri I. Srinivas
Hindi to English	Dr.(Smt)K. Sarala	Dr. P.R.S. Reddy
Terminology	Sri Md. Elias	Sri K.P.S.N. Murthy
Letter Writing	Sri K. Ganeshbabu	Kum. D. Srilaxmi
Essay Writing	Smt. J.V.R. Satyavani	Sri N.S. Murthy
Memory Test	Sri H. Ravi Sankar	Smt. P. Mariyamma
Noting & Drafting	Sri Y. Prabhakar	Sri V.V. Krishna Rao
Comprehension	Smt. N. Maheswari	Dr.C.V. Narasimha Rao
Elocution	Dr. U. Sreedhar	Sri Y. Prabhakar
Songs		
Ladies	Smt. J.V.R. Satyavani	Kum. D. Srilaxmi
Gents	Sri B.V.V. Satyanarayana	Sri H. Ravi Sankar
Kavitha	Smt. N. Maheswari	Kum. G.M.B. Sujatha
Quiz on Video show	Sri Y. Prabhakar	Smt.J.V.R. Satyavani

RETIREMENTS ON SUPERANNUATION			
Name	Designation	Date	
Sri B. Pydiraju	S.S.Gr.III	31.8.97	
Sri P.V.Prasada Rao	T. O. T-8	30.9.97	
Sri N. Chennayya	S.S.Gr.II	31.7.97	
Sri M. Prabhakara Rao	Tech.T-II-3	31.8.97	

#### INTER-INSTITUTIONAL TRANSFER

Dr. P.V. Rao, Senior Scientist (Economic Botany), CAZRI, Jodhpur has been transferred to CTRI Res. Station, Guntur on 25.6.97.

OBITUARY				
Name	Designation	Date		
Sri R. Paswan	S.S.Gr.I	03.7.97		
Sri R.N. Sharma	Tech.T-II-3	01.8.97		
Smt. K. Bayamma	S.S.Gr.III	14.8.97		
Sri S. Thakur	S.S.Gr.I	04.9.97		

6 CTRI Newsletter

### KRISHI UIGHAN KENDRA

#### SEMINAR ON FODDER PRODUCTION



Smt. V.V.Lakshmi Kumari, Dr.K. Nagarajan, Dr.V.Narayana Rao and Dr.Gopalakrishna

Fodder Seminar was organised on 11.7.97 at CTRI, Rajahmundry sponsored by Indo-Swiss Project (ISP), A.P., Hyderabad. Veterinary Asst. surgeons, Executives of Horlicks Company and other departments, in all 175 delegates, participated in the seminar. Dr. K. Nagarajan, Director in his presidential address expressed that there is a tremendous scope for the development of livestock and the milk production can be increased by 25%.

Dr. V. Narayana Rao, Editor, Annadata, Ex-Director, Animal Husbandry, A.P. stated that cost of milk production can be reduced by feeding fodder.

Dr. Gopalakrishna, Joint Director, Animal Husbandry said that the animal reproduction and fodder production are key factors of milk production.

Smt. V.V. Lakshmikumari welcomed the delegates. Dr. B. John Babu proposed vote of thanks. The delegates visited the KVK farm where more than 50 fodder varieties are being cultivated.

## TRAINING PROGRAMMES CONDUCTED FOR EXTENSION FUNCTIONARIES (Veterinary Asst. Surgeons, Junior Veterinary Officers)

SI No	Date	Training programme	No.of Extension Functionaries	Name of the Mandal
1.	11.07.97	Fodder Production Technologies	50	Different parts of A.P.
2.	04.08.97	Fodder Production Training Programme	15	Eleswaram & Kathipudi
3.	05.08.97	- do -	27	Peddapuram
4.	06.08.97	- do -	24	Kotipalli & Draksharamam
5.	08.08.97	- do -	12	Different parts of A.P.
6.	11.08.97	- do -	54	Devipatnam, Amalapuram, Gokavaram
7.	11.09.97	- do -	13	Different parts of A.P.

#### **Vocational Training Programmes**

- Two TRYSEM training programmes of 4 months duration on lace making and two months duration on fibre products were started on 25.8.97 for eighteen trainees from Narendrapuram and thirty rural youth and school dropouts from Korukonda villages, respectively.
- Training programme for two months was started on 18.8.97 on Palmyrah products to thirty trainees from Mallampudi and Tamarada villages and training is in progress.
- Skill oriented training programme on Quilt bag making and income generating programme on Crochet wire bag making were started on 25.8.97 for 18 rural youth (female) from Katavaram, Parijellapeta villages and 25 rural youth from S.T. Rajapuram village, respectively.

#### KARSHAK VIGYANA VEDIKA

□ A Karshak Vigyana Vedika has been arranged on 19.9.97 at KVK. About 200 farmers from different Mandals visited the KVK instructional farm. An exhibition was arranged with samples of paddy, groundnut, pulses, cereals, citrus, cashew, papaya and different types of sprayers etc. Farmers were taken round the various demonstration plots and explained about their package of practices.



Smt. Aruna Kumari imparting training in Soft Toy making to Trainees



Trainees in Fibre decorative articles preparation

KVK PROGRAMMES TELECAST IN ETV					
S.No.	Date	Programme	Tech.Officer participated		
1.	July 1997(twice)	Fodder Seminar	Dr.B.John Babu		
2.	10.08.97	Citrus cultivation aspects	Sri E.Vijaya Prasad		
3.	27.08.97	Guinea grass cultivation	Dr.B.John Babu		
4.	14.09.97	Fertilizer application in cashew plantations	Sri E.Vijaya Prasad		
5.	17.09.97	Package of practices for papaya cultivation	Sri E.Vijaya Prasad		

## संक्षिप्त समाचार

### अनुसंधान कार्मचारी परिषद की बैठक 1997

अनुसंधान कर्मचारी परिषद की बैठकें 24 से 28 जुलै 1997 तक आयोजित हुए । डा. जे.ए.वी. प्रसादराव, सचिव, एस आर सी प्रतिनिधियों का स्वागत किया और एस आर सी की बैठकों के महत्व के बारे में उल्लेखित किया । डा. जी.जे. पटेल, अध्यक्ष, आर.ए.सी ने इस समारोह का शुभारंभ किया । डा. के. नागराजन, निदेशक, नाभिकीय अनुसंधान प्रयोगशाला, आई ए आर आई, नई दिल्ली, डा. टि.एस. सुब्रहमनियम, अनुसंधान प्रबंधक, आई.टी.सी. लिमिटेड/आई एल टी डी डिविजन, डा. आर. लक्ष्मीनारायणा, परियोजना समन्वयक (टी); डा. एस. कोरी, निदेशक, तम्बाक् विकास निदेशालय, प्रगतिशील किसान, जी.पी.आई.और आई.टी.सी. के आर एण्ड का समुदाय, ए.आई.सी.आर.पी, सी.टी.आर.आई. और इसके अनुसंधान केन्द्रों के वैज्ञानिक और तम्बाक् विकास निदेशालय के अधिकारियों ने भाग लिया।

डा. जी.जे. पटेल ने अपने उद्घाटन भाषण में सी.टी.आर.आई. के वैज्ञानिकों को अच्छे पैकेजों के विकास के लिए प्रशंसा की ।

पिछले दो वर्षों के दौरान डा. के. नागराजन ने अवगत कराया कि किसानों ने तम्बाकू से समृद्दि, कीमतों की प्रफुल्लता और अधिक लाभांश प्राप्त किये । उन्होंने यह भी आशाव्यक्त की कि भविष्य में भी ये जारी रहेंगे । उन्होंने सी.टी.आर.आई. के प्रमुख खोजों एवं उपलब्धियों का विस्तृत वर्णन किया ।

वर्ष 1997-98 के लिए एस आर सी की वैठक मे विभिन्न अनुशासनों के सोलह नई परियोजनाओं अनुमोदित की गयी ।

### अनुसंधान सलाहकार समिति की बैठक

अनुसंधान सलाहाकार समिति की बैठक

23.7.1997 को हुई । डा. नागराजन, निदेशक, बैठक के सदस्यों का स्वागत किया । डा. जी.जे. पटेल, अध्यक्ष, आर.ए.सी., डा. एस.पी. तिवारी, ए.डी.जी. (सी.सी.), डाः बी.आर. मूर्ति, डा. टी.एस. सुब्रहमनियम, डा. एस. कोरी और प्रभाग/अनुभाग एवं अनुसंधान केन्द्रों के प्रमुखों ने बैठक में भाग लिया ।

डा. एस.पी. तिवारी, ए.डी.जी. (सी.सी.) ने आई सी ए आर के विभिन्न प्रभागों एवं अनुसंधान केन्द्रों की उपलब्धियों को सुनने के बाद, वैज्ञानिकों को उनके उत्कृष्ट कार्य के लिए सराहना किया और अनुरोध किया कि तम्बाकू विरोधी लाँबी में दीवारों पर लिखे जाने वाली बातों को भविष्य के अनुसंधान कार्यक्रमों की योजना बनाते समय ध्यान में रखें।

डा. जे.ए.वी. प्रसाद राव, सदस्य-सचिव, आर ए सी, पिछले आर ए सी की बैठक मे की गई सिफारिशों और उनके अंगीकरण के अनुसार ली गयी कार्रवाई का रिपोर्ट प्रस्तुत किया ।

### हिन्दी पखवाडा समारोह

इस संस्थान में 15 सितम्बर से 27 सितम्बर 1997 के दौरान हिन्दी पखवाडा समारोह आयोजित हुए । डा. के. नागराजन, निदेशक और अध्यक्ष राजभाषा कार्यान्वयन सिमित ने 15.9.97 को ज्योति प्रज्वलित कर समारोह का उद्घाटन किया । श्री वै.वी. सूर्यानारायण, प्रलेखीकरण अधिकारी, ने स्वागत भाषण दिया । पखवाडे के दौरान कर्मचारियों के लिए प्रतियोगिताएँ आयोजित की गर्यो । 27.9.97 को आयोजित समापन समारोह में आन्ध्रप्रदेश पेपर मिल्स लिमिटेड, राजमन्द्री के उपाध्यक्ष (प्रशासन) श्री बी.एम. माहेश्वरी मुख्य अतिथी रहे । श्री सी.एच. श्रीरामाराव, सहायक निदेशक (हिन्दी) एवं सदस्य सचिव राजभाषा कार्यान्वयन समिति

ने माननीय कृषि मंत्री भारत सरकार और अध्यक्ष आई सी ए आर श्री चतुरानन मिश्र जी और डा. आर.एस. परोडा जी माननीय महा निदेशक, आई सी ए आर के संदेशों को सुनाया और हिन्दी पखवाडा समारोह का रिपोर्ट प्रस्तुत किया । डा. नागराजन संस्थान में इस वर्ष के हिन्दी कार्यान्वयन के क्रियाकलापों का ब्योरा दिया । मुख्य अतिथि ने इस पखवाडे में आयोजित किये गये प्रतियोगिताओं के विजेताओं एवं भाग लेने वाले अधिकारियों/कर्मचारियों को पुरस्कार वितरित किया । परिषद द्वारा जारी किये गये मार्गदर्शक सूत्रोंके अनुसार समापन के दिन सरकारी महाविद्यालय में कार्यरत श्री पुत्रमराज वेंकटरमणा मूर्ति संस्कृत भाषा के प्रभाग प्रमुख और श्री बोड्पल्ली लक्ष्मीनारायण तेलग भाषा के प्रभागाध्यक्ष प्रान्तीय भाषा के विशेषज्ञों के रूप में सम्मानित किये गये।

## कृषि विज्ञान केन्द्र

#### चारा उत्पादन पर संगोष्ठी

इण्डो-स्विस प्राजेक्ट (आई.एस.पि.) आन्धप्रदेश हैदराबाद द्वारा प्रयोजित चारा संगोष्ठी 11.7.97 को सी टी आर आई, राजमन्द्री में आयोजित किया गया। साहायक पशु शास्त्र चिकित्सकों, हारिलक्स कम्पनी और अन्य प्रभागों के कार्यपालक गण से कुल मिलाकर 175 प्रतिनिधियों ने संगोष्ठी में भाग लिया। डा. के नागराजन, निदेशक अपने अध्यक्षीय भाषण में अभिव्यक्त किया कि पशुधन के विकास के लिए भारी अवसर है और दुग्ध उत्पादन में 25 प्रतिशत वृध्दि हो सकती है।

श्रीमती वी.वी. लक्ष्मीकुमारी ने प्रतिनिधियों का स्वागत किया । डा. बी. जॉन बाबू ने धन्यवाद ज्ञापन किया ।