



समाचार Newsletter

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Central Tobacco Research Institute, Rajahmundry

ALL INDIA CO-ORDINATED RESEARCH PROJECT (TOBACCO) XIV WORKSHOP



Dr. M.S. Chari, Dr. R. Lakshmi Narayana, Sri P. Ramakanth Reddy and Dr. K.L. Chadha

Dr.M.S.Chari, Director, Heads of Divisions, Officers-in-charge, Research Stations, Scientists and Technical Officers involved in AICRP (Tobacco) projects have attended AICRP (Tobacco) XIV workshop held at

University of Agricultural Sciences, Hebbal, Bangalore, 9-11th December, 1993. During this workshop AICRP annual report and technical programme has been discussed and finalised.

RESEARCH HIGHLIGHTS

CTRI, RAJAHMUNDRY

* Among the crops screened for reaction to root-knot nematode (*Meloidogyne javanica*) sick plots, *Cajanus cajan*, *Cuminum cyminum*, *Gaillardia picta*, *Gomphrena globosa*, *Phlox drummondii*, *Zinnia linearis* were resistant. *Vicia faba*, *Solanum melongena*, *Vigna cabajang*, *Spinacea oleracea* are susceptible.

* In vitro screening of botanicals indicated that leaf extract in water of *Cassia occidentalis*, *Polyalthia longifolia*, *Croton sparsiflorus*, *Ocimum canum*, *Euphorbia* sp., and *Argemone mexicana* were found to possess anti-helminthic property killing the larvae in 24 to 48 h of exposure.

* Solarization of nursery beds with white transparent polyethylene sheet of 100 G for 6 weeks in April and May has helped in reducing the incidence

and intensity of weeds, root-knot nematode and damping-off diseases of tobacco upto 40 days. Mosaic resistant varieties like MRS-1, MRS-2, MRS-3, VA-770, L-1158, Godavari Special and Jayasri (MR) were found susceptible to cucumber mosaic virus and tobacco etch virus.

* A collaborative programme is being taken up with M/S Ballapur Industries Ltd., Jegurupadu to find out ways and means to economise fuel and reduce the curing cost of tobacco at CTRI Farm, Katheru.

CTRI RESEARCH STATION, KANDUKUR

* Experiments conducted at Research Station with methods and levels of nitrogen indicated that application of N by drilling is equally efficient as PRPF (plant row plough furrow) methods.

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TRANSFER OF TECHNOLOGY

C.T.R.I., RAJAHMUNDRY Training Programmes.

Sl. No.	Name of the Training Programme	Date	Organised by	Trainees and Place of training	Name of the Scientists Imparted Training
1.	Nursery Management Technology	08.10.93	Tobacco Board Auction Platform, Devarapalli	Tobacco Board field Staff/ Tobacco growers, Devarapalli	Dr. P.R.S. Reddy, Sri S.Sitaramayya, Dr. C.A. Raju Sri D.Ramachandram
2.	Nursery Management Technology	14.10.93	Tobacco Board Auction platform, Rangampeta	Tobacco Nursery growers, Rangampeta	Dr. P.R.S.Reddy Dr.C.A.Raju Sri S.K.Naidu Scientists of CTRI
3.	Tobacco Production Technology	26-30th Oct., 1993	C.T.R.I, Rajahmundry	Tobacco Board Officials held at CTRI, Rajahmundry	Scientists of CTRI
4.	Fertilization and Transplantation	02.11.93	Tobacco Board Auction platforms, Devarapalli & Koyyalagudem	Tobacco growers and Tobacco Board field staff, Devarapalli and Koyyalagudem	Sri G.Ramaprasad Dr.P.R.S.Reddy
5.	Fertilization and Transplantation	04.11.93	Tobacco Board Auction platform, Jangareddygudem	Farmers and field staff of Tobacco Board, Jangareddygudem Platform	Sri G.Ramaprasad Dr. P.R.S. Reddy Sri D.Ramachandram
6.	Biocontrol based Integrated Pest Management of <i>Spodoptera litura</i>	15.11.93	CTRI, Rajahmundry	Tobacco Nursery growers Morampudi	Sri R.S.N. Rao Dr.U.Sreedhar
7.	Fertilization and Transplantation	17.11.93	Tobacco Board Auction Platform, Rangampeta	Farmers of both light & black soils, Tobacco Board Field Staff, Murari	Sri G.Ramaprasad Dr.J.A.V.Prasada Rao
8.	Tobacco Production Technology	19.11.93	CTRI,Rajahmundry	In Service Agric. Officers of NPPTI, Hyderabad at Rajahmundry	Sri S.K.Naidu
9.	Fertilization & Pest Management	23.11.93	Tobacco Board Auction platform, Kapavaram	Tobacco growers, Tobacco Board field Staff, Chityala	Sri G.Ramaprasad Dr.J.A.V.Prasada Rao
10.	Pest & Disease Management	01.12.93	Tobacco Board Auction platform, Jangareddygudem	Tobacco Farmers, Jangareddygudem	Sri S.Sitaramayya Dr.C.A.Raju
11.	Pest & Disease Management	03.12.93	Tobacco Board Auction platform, Koyyalagudem	Tobacco farmers & Tobacco Board field staff, Nimmalagudem	Sri S.Sitaramayya Dr.C.A.Raju
12.	Interculture, Pest & Disease Management	09.12.93	Tobacco Board Auction platform, Rangampeta	Farmers & Tobacco Board Field staff, Gandepalli	Sri G.Ramaprasad Dr.C.A.Raju Dr.J.A.V.Prasada Rao

CTRI RESEARCH STATION, VEDASANDUR

Farmer's Meet :

One day farmers meet was organised and scientists had discussions with the farmers about their problems on tobacco cultivation and to the latest tobacco production technologies were elucidated to them.

DISTRIBUTION OF TOBACCO SEED AND SEEDLINGS

Tobacco seed of 421.140 Kg. and 16, 48, 400 tobacco seedlings were distributed to the tobacco farmers during the period.

CTRI RESEARCH STATION, DINHATA

Fifty farmers were selected for nine months training programme on Tobacco cultivation and the programme was started on October, 1993.

RADIO TALKS

- * వల్ల రేగడి వేంట్లో పొగాకు నాట్లు - తొలి పేద్యం , by Sri C.B. Sarma on AIR, Visakhapatnam, 04.10.93.
- * Fertilizer and weed management in tobacco by Sri A.C. Rajasekaran on AIR, Madurai, 1.11.1993.
- * వర్షినియా పొగాకు పంటలో ఖర్చులు తగ్గించుటకు సూచనలు by Sri M. Appa Rao on AIR, Visakhapatnam, 12.11.1993.
- * పొగాకు పంటపై నవ్యరక్షణ - ఆచరించే సాంకేతిక పద్ధతులు, by Sri R.S.N. Rao on AIR, Visakhapatnam, 10-12-1993.
- * तम्बाकू फसल की देख भाल by Dr, S.N. Tripathi on AIR, Darbhanga, 18-12-1993.
- * బద్దీ పొగాకు రెలుపులు, క్యూరింగు మరియు గ్రేడింగులో మేల్లైన పద్ధతులు, by Sri T.Krishna Reddy on AIR, Visakhapatnam, 23.12.1993.
- * అధికపాం ఉత్పత్తికి రైతుల సూచనలు (Measures to be taken for clean and higher milk yields) by Dr.P.V.V.S.Siva Rao on AIR, Visakhapatnam, 28.12.1993.

CONFERENCES / SYMPOSIA / SEMINARS / WORKSHOPS / TRAINING COURSES

- * Sri B.Narasimha Rao and Smt. N.Arunakumari attended 'State level workshop and reorientation training programme on Horticulture and Sericulture' at Krishi Vigyan Kendra, Gaddipalli, Nalgonda Dt. from 9th to 11th November, 1993.
- * Dr. B.John Babu and Dr. P.V.V.S. Siva Rao attended 'Farmers Participatory Technology Development' training programme at Indo-Swiss Project, Hyderabad on 15th and 16th December, 1993.
- * Smt. V.V. Lakshmi Kumari, Smt.N. Arunakumari and Sri R.Sudhakar attended National seminar on 'Women in Agriculture and Developmental Activities' held at NAARM, Hyderabad from 28-30th December, 1993

VISITORS AND OBSERVATIONS

CTRI, RAJAHMUNDRY



Sri V. Sobhanadreeswara Rao, M.P. and others visit to nursery



Sri V. Sobhanadreeswara Rao, M.P. and others visit to CTRI museum

VISITORS OBSERVATIONS

* We feel much delighted in visiting CTRI which is rendering good service to tobacco growers. The tobacco and cigarette manufacturers also must help this Institute for achieving still advances in improving quality and yields.

V.Sobhanadreeswara Rao,
Member of Parliament, RTC Colony, Vijayawada,
30-10-93

* This Institute is doing wonderful work. The Scientists deserve encouragement and financial help for the Institute to cope up the needs of the farming community

M. Raghuma Reddy,
M.L.A., Andhra Pradesh,
30-10-93

* Excellent work on biological control. Many thanks,
Sri Martin Wara, ATC
Cambridge 23.11.93

* I am very impressed with the museum of CTRI. Any person who is involved in tobacco development can get better elementary knowledge from it.

V.N.Chowdary,
Surya Tobacco Company
Nepal, 24.11.1993.

CTRI RESEARCH STATION, GUNTUR

26.11.1993 Dr. A.M. Narula, Senior Scientist and Member Secretary QRT on Cotton.

27.11.1993 Dr. D.N. Yadav, Research Scientist, GAU, Anand and member QRT on biocontrol.

APPOINTMENTS

Name	Grade	Place of Duty	Date
Sri N.Mallikarjuna Swamy	Tech. T-II-3	CTRI RS, Hunsur	11-10-1993
Dr. S.V.Krishna Reddy	Scientist	CTRI, Rajahmundry	28-10-1993
Sri P. John. F.Moses	Jr.Clerk	CTRI, Rajahmundry	04-11-1993
Sri P.V.Ramana	S.S.Gr.I	CTRI, Rajahmundry	06-11-1993

RETIREMENTS

Name	Reason	Date
Smt. Suramma S.S.Gr.II	Superannuation	31-10-1993
Sri T.S.N.Reddy, Scientist (SG)	Superannuation	31-10-1993
Sri R.B. Narayana Rao, Techl.Officer T-5	Superannuation	30-11-1993

KRISHI VIGYAN KENDRA

Training programmes conducted at KVK.

Sl. No.	Name of the Training Programme	Trainees	From Village/Dt.	Duration
1.	Sea Shells processing and decorative making (Collaboration with DRDA, Kakinada)	17 Farm Women	Kalavacherla, E.G.Dt.	01-08-93 to 30-10-93
2.	Tailoring, Embroidary and garment making	25 House wives & School dropouts	Kalavacherla, E.G.Dt.	12-08-93 to 11-11-93
3.	Grafting (Collaboration with DRDA, Kakinada)	6 Rural Youths	Kalavacherla, E.G.Dt.	20-10-93 onwards
4.	Models of smacking frocks	25 Farm Women	Kalavacherla, E.G.Dt.	15-11-93 to 20-11-93
5.	Kitchen garden raising	13 School dropouts	Kalavacherla, E.G.Dt.	15-10-93 to 20-11-93
6.	Plant propagation techniques	Rural Youth	Kalavacherla, E.G.Dt.	22-11-93 to 27-11-93
7.	Coir yarn and rope making	20 Rural Youth	Pydimetta, E.G.Dt.	07-12-93 to 21-12-93
8.	Milch and animal beneficiaries (Collaboration with APSC Cooperative Society, E.G.Dt.)	88 beneficiaries	Serulanka, Bavavaram, Isukapalli, Sanepalli lanka	



Dr. M.S. Chari, addressing the S.C. beneficiary trainees of Dairy Cattle Management

WOMEN IN AGRICULTURE DAY

'Women in Agriculture day' was celebrated at KVK, Kalavacherla on 4.12.93. Sri Jakkampudi Ramamohan Rao, MLA, Kadiyam inaugurated the function and Smt. Sumita Dawara, Sub-collector, Rajahmundry was the chief guest. Dr.M.S.Chari, Director presided over the function. Dr.N.K.Sanghi, Zonal Co-ordinator, Hyderabad and Smt. Jakkampudi Vijayalakshmi were also participated in the function. About 350 farm women from eight mandals viz. Rajanagaram, Pithapuram, Gollaprolu, Kothapalli, Korukonda, Kirlampudi, Samalkot and Kapileswarapuram participated in the function.

Three pamphlets on (1) Nutritional importance of green leafy vegetables (2) Papaya cultivation and (3) Low cost water filter were released by Smt. Sumita Dawara and distributed to farm women. Vegetables seed packets and papaya seedlings were distributed by Smt. Jakkampudi Vijayalakshmi to farm women.



Smt. Sumita Dawara, I.A.S. releasing pamphlets.
Dr. M.S. Chari, Sri J. Ramamohan Rao, Dr. N.K. Sanghi

Local Management Committee Meeting

The VII Local Management Committee Meeting of Krishi Vigyan Kendra was held on 13.10.1993 at Kalavacherla. Farmer's day was conducted on this occasion in which 100 farmers from different villages participated.



Sri P.V. Prasada Rao, explaining the crops developed at KVK to farm women

Visitors Observations

KVKs are a relatively new concept in Agricultural training and record in India. This KVK shows to be an excellent example of how to fill in this mandate and what the potential of the Institute can be for the district. I congratulate the staff with their achievement and look forward for future dialog and collaborative with ISPA.

Bernard de Groot,
CPA, Indo-Swiss Project,
Hyderabad, 25.11.93

I am happy to visit the KVK and looking forward to more active participation in future. The staff are enthusiastic and young, they are also involved in rural development. I wish them success.

Dr. J.B. Suryaprakasam,
Dy. Director, Indo-Swiss Project
Hyderabad, 25.11.1993.

अनुसंधान उपलब्धियाँ

सि.टी.आर.आई. राजमद्री

जवीनिका रूट नाट नेमाटोड की प्रतिक्रिया के लिए किये गये परीक्षणों में रोग ग्रस्त प्लाट मिलोईडोजिन कजानस काजन कुमिनम कैमिनम, गैल्लार्डिया पिकटा गोम्फरेना ग्लोनोस फ्लोक्स ड्रमनोडि जिन्तियारिस सुग्राही थे ।

वनस्पतिकों की विट्रो स्क्रीनिंग ने यह दर्शाया कि काशिया ओक्सिडेनटोलिस, पोलयालतिया लोर्गिाफोलिया, क्रोटन स्पार्सिफूलतिया ओसिमर्म कानम, ईयूफोरबिया स्पेशल और आर्जिमोन मेक्सिकाना के पानी में पत्तों का सार में 24 से 48 घण्टों में लार्वी को नष्ट करनेवाले कृमिरोगरोधी लक्षण पाये गये ।

अप्रिल और मई में 6 सप्ताह तक 100 गेज की सफेद पारदर्शी पोलिथीन शीट से पौधे क्यारियों को भूतपन करने से 40 दिन तक तम्बाकू के रोग जैसे पौधे गलन रूट नाट नेमाटोड तथा खरपतवार की सघनता को कम करने में सहायता की ।

कृषकों के लाभ के लिए आकाशवाणी द्वारा 8 वार्ताएँ प्रसारित की गयीं, सात कर्मचारियों ने विभिन्न विषयों पर आयोजित प्रशिक्षण कार्यक्रमों में और संगोष्ठियों में भाग लिया विभिन्न पत्रिकाओं में 13 लेख प्रकाशित किये गये ।

प्रदर्शनी

दिनांक 11-12-1993 को अश्वारावपेटा में कृषि महाविद्यालय द्वारा एक कृषक मेला आयोजित किया गया जिसमें दर्शकों को उत्तरी हल्की मिट्टियों (एन.एल.एस) में तम्बाकू उत्पादन की नवीनतम प्रौद्योगिकी के बारे में प्रदर्शनी के माध्यम से बताया गया

प्रौद्योगिकी (टैकनोलोजी) का स्थानांतरण

कृषकों के लिए तम्बाकू बोर्ड द्वारा 12 प्रशिक्षण कार्यक्रम आयोजित किये गये जिनमें वैज्ञानिकों ने सक्रिय भाग लिया और तम्बाकू बोर्ड के अधिकारियों को तम्बाकू उत्पादन प्रौद्योगिकी पर विभिन्न गाँवों में प्रशिक्षण दिया गया ।

सी.टी.आर.आई. अनुसंधान केन्द्र वेदसदूर

किसान मेला

एक दिन का किसान मेला आयोजित किया गया जिसमें कृषकों के बीच तम्बाकू खेती से संबंधित समस्याओं पर चर्चाएँ हुईं और नवीनतम तम्बाकू उत्पादन प्रौद्योगिकी का जिक्र किया गया ।

तम्बाकू बीज और पौधों का वितरण

इस अवधि में 421-140 कि.ग्रा तम्बाकू बीज और 16,48,400 तम्बाकू पौधे तम्बाकू कृषकों को वितरित किये गये

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

तम्बाकू की खेती के प्रशिक्षण कार्यक्रम के लिए 50 कृषकों का चुनाव हुआ तथा यह कार्यक्रम अक्तुबर 1993 से शुरू हुआ ।

अखिल भारतीय तम्बाकू समन्वित अनुसंधान परियोजना की कार्यशाला दिनांक 9 से 11 दिसम्बर 1993 तक कृषि विज्ञान विश्वविद्यालय हैबल, बैंगलूर में आयोजित हुई । इस कार्यशाला में ए.आई.सी.आर पी वार्षिक प्रतिवेदन तथा तकनीकी कार्यक्रमों पर विचार विमर्श हुआ तथा उनको अन्तिम रूप दिया गया।

कृषि विज्ञान केन्द्र

प्रशिक्षण कार्यक्रम

विभिन्न गाँवों की कृषक महिलाओं, गृहिणियों, युवा और पाठशाला छोड़ें हुए युवाओं के लिए विभिन्न विषयों पर 8 कौशलतायुक्त प्रशिक्षण कार्यक्रम आयोजित किये गये।

कृषि में महिलाएँ दिवस

दिनांक 4-12-1993 को कृषि विज्ञान केन्द्र, कलवचर्ला में कृषि महिलाएँ दिवस का आयोजन हुआ । श्री जङ्गमपूडि राम मोहन राव, विधायक, कडियम ने समारोह का उद्घाटन किया और श्रीमती सुमिता दावरा, उपजिलाधीश राजमद्री समारोह की मुख्य अतिथि रही । डा.एन.के. सोगी, अंचल समन्वयक, हैदराबाद और श्रीमती जङ्गमपूडि विजयलक्ष्मी ने भी समारोह में भाग लिया । पूर्व गोदावरी जिले के आठ मंडलों से करीब 350 कृषक महिलाओं ने समारोह में भाग लिया ।