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Annual sorghum group meeting at Indore

The 39th Annual Group Meeting of the All India Coordinated Sorghum Improvement Project is being held



Dr. SP Tiwari giving his inaugural address

at College of Agriculture, Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Indore (MP) from 26-28th February, 2009. The group meeting was chaired by Dr. SP Tiwari, Deputy Director General (CS & Edn.), ICAR. Dr. VS Tomar, the Hon.'ble Vice- Chancellor of RVSKVV, Gwalior was the Chief Guest. The other dignitaries presented were Dr. IS Khairwal, Project Coordinator (Pearl Millet), and Dr. JS Singh, Director, Directorate of Millets Development, Jaipur. The Dean, College of Agriculture, RVSKVV, Indore Dr. RS Sharma and Dr. N Seetharama, Director, NRCS and Project Coordinator

समाचार सारांश

ज्वार समूह की वार्षिक बैठक : अखिल भारतीय समन्वित ज्वार उन्नयन परियोजना की 39वीं वार्षिक समूह बैठक 26-28 फरवरी के दौरान कृषि महाविद्यालय, राजमाता विजयराजे सिंधिया कृषि विश्वविद्यालय, इंदौर में आयोजित की गई। डॉ. सत्य प्रकाश तिवारी, उप महानिदेशक (फसल विज्ञान एवं शिक्षा), भा.कृ.अनु.प. ने उक्त बैठक की अध्यक्षता की तथा डॉ. वी एस तोमर, माननीय कुलपति, रा.वि.सिं.कृ. वि.वि; ग्वालियर मुख्य अतिथि के रूप में उपस्थित थे। इस तीन दिवसीय कार्यशाला में किए गए अनुसंधान कार्यों की समीक्षा की गई।

ग्रामीण महिलाओं/कृषकों हेतु ज्वार व्यंजन निर्माण पर प्रशिक्षण कार्यक्रम : आई.टी.सी. लिमिटेड के साथ संयुक्त रूप से रा.ज्वा.अनु.कें. के द्वारा 2 फरवरी 2009 को परभणी, महाराष्ट्र में ग्रामीण महिलाओं/कृषकों हेतु ज्वार व्यंजन निर्माण पर प्रशिक्षण कार्यक्रम का आयोजन किया गया। इस कार्यक्रम में 250 प्रतिभागियों ने भाग लिया।

रा.ज्वा.अनु.कें. में एफ.ए.ओ. दल का दौरा : डॉ. मिकेल लारिंडे, ए.जी.पी.एस. प्रभाग, एफ.ए.ओ.; रोम के नेतृत्व में एफ.ए.ओ प्रतिनिधि मंडल ने 8 फरवरी 09 को रा.ज्वा. अनु.कें. का दौरा किया। इस प्रतिनिधि मंडल ने केंद्र के निदेशक तथा वैज्ञानिकों के साथ विस्तृत रूप में चर्चा की।

लोकार्पण हेतु दो ज्वार किस्मों की पहचान : राजमाता विजयराजे सिंधिया कृषि विश्वविद्यालय, इंदौर में 39वीं वार्षिक समूह बैठक के दौरान 27 फरवरी 2009 को आयोजित किस्म पहचान समिति की बैठक में लोकार्पण हेतु निम्नलिखित दो ज्वार किस्मों की पहचान की गई :

एस पी एस एस वी 6 : मीठी ज्वार किस्म एस पी एस एस वी 6 में रस पैदावार चैक की अपेक्षा अत्यधिक ज्यादा प्राप्त होती है। इस किस्म में चैक की तुलना में धान्य पैदावार भी 18% ज्यादा देखी गई। देश में ज्वार की खेती करने वाले सभी राज्यों हेतु मीठी ज्वार, विशेषकर जैव-ईंधन उत्पादनार्थ उपयोग के लिए इस किस्म की पहचान की गई।

एस पी वी 1746 : अंचल II के संकर ज्वार की खेती करने वाले राज्यों में खरीफ ज्वार ग्रेन मोल्ड सहनशील किस्म एस पी वी 1746 में धान्य व चारा पैदावार अत्यधिक ज्यादा थी, जोकि चैक किस्म सी एस वी 15 के बराबर है। रोटी की गुणवत्ता हेतु यह चैक सी एस वी 15 की अपेक्षा श्रेष्ठ है।

प्रदर्शन के आधार पर कर्नाटक, महाराष्ट्र, मध्य प्रदेश तथा दक्षिण गुजरात राज्यों में खेती हेतु इसकी पहचान की गई ।

अक्कलकोट में ज्वार प्रक्षेत्र दिवस : श्री स्वामी समर्थक गंडल खाट उत्पादक को-ऑपरेटिव सोसाइटी, अक्कलकोट तथा राज्य कृषि विभाग, सोलापुर जिले के सहयोग से रा.ज्वा.अनु.कें. ने 3 फरवरी 2009 को अक्कलकोट में ज्वार प्रक्षेत्र दिवस का आयोजन किया । इस अवसर पर नई लोकार्पित कृषि जोप-जातियों, उत्पादन प्रौद्योगिकियों एवं मूल्य संवर्धित उत्पादों का प्रदर्शन किया गया ।

पादप क्रिस्म संरक्षण हेतु प्रमाण-पत्र प्राप्त : पादप क्रिस्म संरक्षा तथा कृषक अधिकार प्राधिकरण, नई दिल्ली ने श्री शरद पवार, माननीय कृषि मंत्री, भारत सरकार के कर-कमलों द्वारा सेकंड नेशनल जिनोम सेवियर के पूर्वदिन पुरस्कार समारोह में, राष्ट्रवार लोकार्पित तीन क्रिस्मों – सी एस एच 13, सी एस एच 16 तथा सी एस एच 18 की संरक्षा हेतु प्रमाण-पत्र का वितरण किया ।

सेवा-निवृत्त : रा.ज्वा.अनु.कें. में कार्यरत डॉ. स्वर्णलता कौल, प्रधान वैज्ञानिक 28 फरवरी 2009 को सेवा-निवृत्त हुई ।

छात्रों द्वारा रा.ज्वा.अनु.कें. का दौरा : डॉ के एस प्रसाद, आई.जी.एम.आर.आई. राजेन्द्रनगर, हैदराबाद के नेतृत्व में 22 छात्रों के एक दल ने 11 फरवरी 09 को रा.ज्वा.अनु.कें. का दौरा किया ।

ए.जी.एम09 के दौरान प्रकाशनों का विमोचन : 39वीं वार्षिक समूह बैठक के दौरान सोरघम कल्चिवार ऑफ इंडिया, सोरघम रिसर्च इन मध्य प्रदेश (1961-2008), स्पेशल सोरघम वेराइटिस ऑफ नार्थ कर्नाटक फॉर ट्रेडिशनल एंड नॉवेल फुड्स, वेल्थु-एडिशन एंड एंट्रेपेन्यूरशिप डेवलपमेंट(अंग्रेजी व कन्नड़ दोनों में), जोला : ओना बेस्याडालिन्ना हसिरु क्रांतिया हरिकारा तथा ज्वारि चे रुचकर पदार्थ नामक छः प्रकाशनों का विमोचन किया गया ।

अंतर्राष्ट्रीय सम्मेलन में व्याख्यान : डॉ. के.बी.आर.एस. विशारदा, प्रधान वैज्ञानिक ने एस.वी.पी. युनिवर्सिटी ऑफ एग्रिकल्चर एंड टेक्नोलॉजी में करेंट ट्रेंड इन बायोटेक्नोलॉजी एंड इंप्लिकेशन इन एग्रिकल्चर विषय पर आयोजित अंतर्राष्ट्रीय सम्मेलन में ट्रांस्जेनिक सोरघम टु कंट्रोल स्टेम बोरोर विषय पर व्याख्यान दिया ।

डॉक्टर उपाधि : श्री ई कृष्णा राव, एस.आर.एफ; मिल्लट्स वेल्थु चैन पर एन.ए.आई.पी. परियोजना को फरवरी 2009 में हैदराबाद विश्वविद्यालय द्वारा अर्थशास्त्र में डॉक्टर की उपाधि प्रदान की गई ।

हिंदी सारानुवाद : डॉ. महेश कुमार

(Sorghum) Hyderabad, welcomed the guests and the

participants. Dr. SN Shukla, ADG (FFC) was the Co-Chairman for the plenary session. A total of 200 participants from AICSIP centres, NRCS, IARI, IGFR, ICRISAT, private seed industry, and non-governmental organizations participated in this meet. Dr. SP Tiwari DDG (CS & Edn.) in his address applauded the sorghum researchers for delivering excellent hybrids, varieties and the technologies for the sorghum growing resource-poor farmers in the dryland regions of the country through the technology developed by the All-India programme sponsored by the ICAR. He said it is necessary to create a viable market for sorghum through enhancing alternate uses, and by developing new technologies. The 3-day meeting reviewed the progress in research and made plans to be executed during the year 2008-09 at all-India level. Director of NRCS said that the national sorghum programme is well geared to meet the challenges and cater to the needs of sorghum farmers and sorghum based industries, and emphasized the need for registration of varieties with PVP&FR, and commercialization of improved hybrids and varieties. The Indore team led by Dr SN Upadhyay, Sorghum Entomologist, and made all arrangements for the meeting. Dr. AV Umakanth served as the nodal officer from NRCS. The copies of complete proceedings of this annual group meeting are being dispatched separately and e-copy will be placed at our website www.nrcjowar.res.in. after the proceedings are approved by the council.

Certificates received for plant variety protection

The protection of Plant Varieties Protection and Farmers Rights Authority (PVP&FRA) New Delhi, on the eve of "Second National Genome Savior" award function, distributed first batch of certificates for protection of three nationally released extant varieties: CSH 13, CSH 16 and CSH18. The certificates were distributed by the



Dr. SL Kaul receiving certificate from Shri. Sharad Pawar Union Minister for Agriculture, GOI

chief guest, Shri Sharad Pawar, Union Minister for Agriculture, GOI. The NRCS delegation consisting of Drs. N Seetharama, SL Kaul, Vilas A. Tonapi and scientists from AICSIP centres namely Drs. Usha Saxena from RVRSAU, Indore and Uttam Chavan from MPKV, Rahuri attended the function.

FAO team visits NRCS

FAO delegation under the leadership of Dr. Michael Larinde, AGPS Division, FAO, Rome visited NRCS on February 8, 2009. The delegation designated as "Seed Alliance without Boundaries (SAWIB)" consisted of 12 delegates from Afghanistan, Iraq, Kazakhstan and south East Asia. The delegation had detailed discussion with the Director and scientists. The delegates were appraised on ongoing research and commercialization activities, apart from value-addition and plant variety



Director, NRCS explaining about trait-specific breeding in sorghum

protection. They had a chance to see the video films on sorghum and sweet sorghum. They also visited sorghum field experiment and breeding nurseries. This visit was facilitated by Dr. Vilas A. Tonapi.

Training programme on "Preparation of sorghum foods for rural women/farmers"

Training programme on "Preparation of sorghum foods for rural women/farmers" was organized by NRCS jointly with ITC Limited on February 2, 2009 at Parbhani, Maharashtra. This programme was attended by a large gathering of 250 participants including 150 small farm-women & entrepreneurs. Director, NRCS, briefed the role of NRCS in the promotion of sorghum cultivation at the national level and its strenuous R&D efforts for the development of improved cultivars for higher yields. He also underlined the continuous efforts of NRCS for the promotion of sorghum based foods. The technical bulletin on "Packages of practices for improved rabi sorghum cultivation (English)" was released by SD More, Director of Extension, MAU Parbhani. Dr. B. Dayakar Rao, CPI, presented an overview of the project and highlighted the importance of sorghum foods consumption in daily human life for the nutritional benefits. Dr. C V Ratnavathi and the team, NRCS, demonstrated preparations of sorghum based foods and snacks. Some of the rural women have given hand-on training by NRCS team on the same occasion. The response of rural women was recorded and feedback was elicited on changes needed in recipe, if any. Dr. B Dayakar Rao coordinated this programme jointly with ITC Ltd.

Sorghum Stall at Kisan mela

NRCS set up a sorghum stall during "Kisan Mela" organized by RARS, Palem of ANGRAU, at ARS, Tandur

during 17-18 February, 09. More than 250 visitors including Dr. Raghava Reddy, Vice-Chancellor and Dr. Giri Rao, Director of Extension, ANGRAU, Farmers, farm-women, students, dignitaries and Officials of ANGRAU, Officials of Department of Agriculture, visited the stall and showed keen interest in the newly developed cultivars, food products, and other innovative products developed from sorghum grain and stalk. The importance of sorghum as health and nutritious food was explained to the visitors. Dr. Ch, Sashidhar Reddy organized the stall with the help of Mr. E Krishna Rao both from NRCS.

Sorghum field-day organized at Akkalkot

The sorghum field-day was organized on February 3, 2009 by NRCS at Akkalkot, Solapur district in association with Sri Swami Samarthak Gandul Khet Utpadak cooperative society, Akkalkot and the State department of agriculture, Solapur district. The dignitaries participated were: Dr. Ramchandrar, I/c Director, NRC



Farmers keenly observing the posters on sorghum production technology

Pomegranate, Solapur (Chief guest) and Mr. SV Joshi, Taluka Agriculture officer, Akkalkot (Precedent), Dr. Prof. BD Koli, I/c Associate Director of Research, MPKV, Solapur, AN Jevurkar, Chairman, Sri Swami Samarthak Gandul Khet Utpadak cooperative society, Akkalkot and Mr. CS Lokapure, progressive farmer, Akkalkot (Guest of honors). Apart from this, 275 participants comprising of farmers, farm-women, and officials from state department of agriculture, ZARC, Solapur, scientists and technical staff from NRCS, Hyderabad participated. Newly released sorghum cultivars, production technologies, and value-added products were exhibited. The farmers also visited the seed production plots of CSV 216R, CSV 22, CSV 18, M 35-1 and *Phule Chitra*. The methods for preparation of some of the sorghum foods was explained and demonstrated by Mr. D. Gopalakrishna, Hyderabad and his group from NRCS. Farmers' queries on various issues were answered by Drs. MS Raut, AV Gadewar, Prabhakar, Chari Appaji, HS Talwar, and Prof BD Koli. The field visit at Akkalkot was coordinated by Mr. AR Limbore, Technical Officer, NRCS, Solapur.

Two sorghum varieties identified for release

The Varietal Identification Committee meeting was held at Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya,

Indore on 27th February, 2009 during the 39th Annual Sorghum Group Meeting and identified following two varieties for release:

SPSSV 6: Sweet sorghum variety SPSSV 6 has significantly higher juice yield than the checks. It has higher fresh cane and ethanol yield, and total soluble sugars. Also this variety has 18% more grain yield as compared to the check. The variety response is to higher fertility for juice yield. Stem borer damage is relatively less than the check, SSV 84. The variety is identified for all sorghum growing states of the country for use as sweet sorghum particularly for biofuel production.



SPV 1746: The kharif sorghum grain mold tolerant variety SPV 1746 yields were very high for grain and fodder which is on par with the check variety CSV 15 in hybrid sorghum growing states in Zone II. This variety has grain mold tolerance on par with CSV 15 and is resistant to downy mildew as compared to the check. The variety is superior for roti quality as compared to the check CSV 15. It has good spreading quality and good aroma and other roti qualities. The grain of the variety was significantly higher crude protein percentage. This variety has medium lustrous white grain, which fetches higher market price as compared to CSV 15, the check. Based on the performance, this variety is identified for cultivation in the states of Karnataka, Maharashtra, Madhya Pradesh and Southern Gujarat.

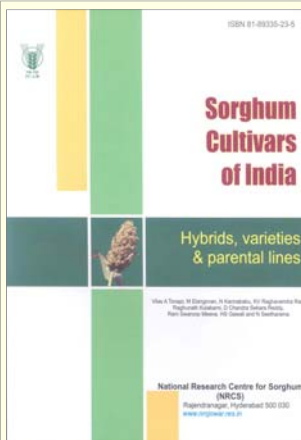


Release of Publications during AGM 09

Six books from NRCS, Hyderabad, RVSKVV, Indore and RARS, Bijapur were released at the 39th annual sorghum group meeting, Indore during February 26 -28 09. The details of the books were as follows:

Title: *Sorghum Cultivars of India*

Authors: Vilas A Tonapi, M Elangovan, N Kannababu, KV Raghavendra Rao, Raghunath Kulakarni, D Chandra Sekhara Reddy, RS Meena, HS Gawali and N Seetharama.



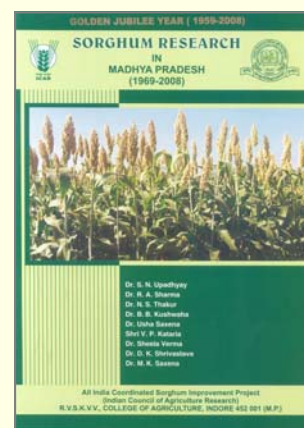
About the book: This book is compendium on Indian sorghum hybrids, varieties and Parental Lines. This provides essential information on sorghum genotypes released in the country both at central and state level

ISBN No: 81-89335-23-5 (162 pp), Sale Price: Rs. 800/- Postage: 50/-

Title: *Sorghum Research in Madhya Pradesh (1969-2008)*

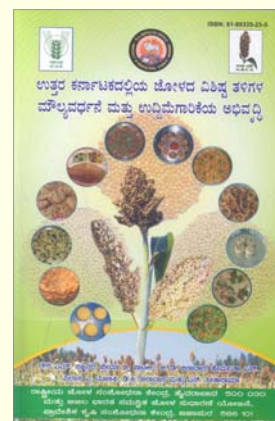
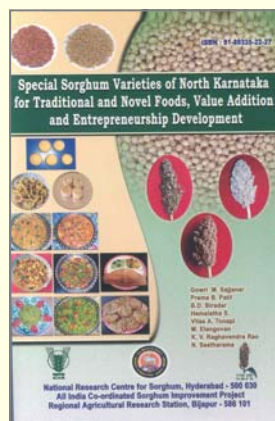
Authors: SN Upadhyay, RA sharma, NS Thakur, BB Kushwada, Usha Saxena, VP Kataria, Sheela Verma, DK Shrivasthava and MK Saxena.

About the book: This book deals with all important achievements like development of sorghum varieties and hybrids, practices for cost effective management and plant protection measurements pertaining to Madhya Pradesh state.



Title: *Special sorghum varieties of North Karnataka for traditional and novel foods, value-addition and entrepreneurship development (Both in English & Kannada)*

Authors: Gauri M Sajjanar, Prema B Patil, BD Biradar,



Hemalatha S, Vilas A Tnapi, M Elangovan, KV Raghavendra Rao and N Seetharama.

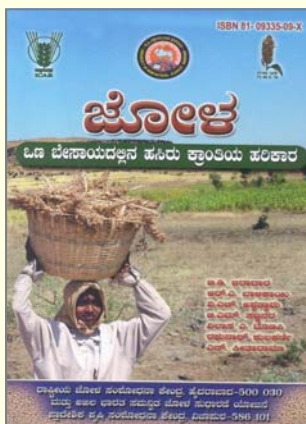
About the book: This book attempts to document description of three distinct special purpose sorghum landraces of northern Karnataka, and the preparations of various delicious foods and possible scope for entrepreneurship.

ISBN No: 81-89335-22-27 (69 pp) Sale Price: Rs. 150/
Title: *Jola: Ona besayadallina hasiru krantiya*

Harikara (Sorghum: An harbinger of green revolution in dry-land agriculture)

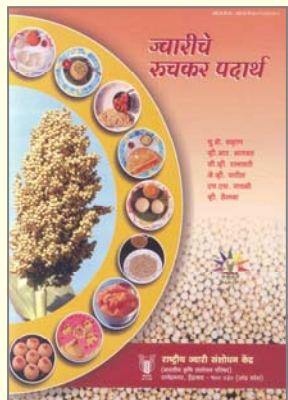
Authors: BD Biradar, RA Balikai, VS Aswathama, Gauri M Sajjanar, Vilas A Tnapi, Raghunath Kulakarni and N Seetharama.

About the book: This publication deals with the history of sorghum development in India, advances in sorghum research and development and advanced production technologies including the technologies for processing and value-additions.



ISBN No: 81-09335-09-X (210 pp) **Sale Price:** Rs. 150/-

Title: Jwari che ruchikar patharth. (Delicious recipes of sorghum) in Marathi



Authors: UD Chavan, VR bhagwat, CV Ratnavathi, JV Patil, HS Gawali and V Sailaja

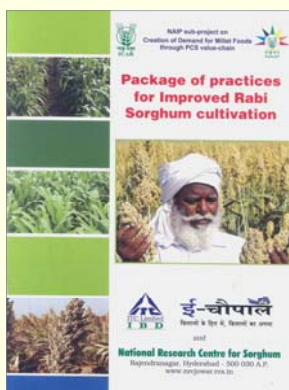
About the book: This book describes the preparation of various foods from sorghum flour.

ISBN No: 89-89335-20-0

Title: Package of practices for improved rabi sorghum cultivation

Compiled and edited by : B Dayakar Rao, Ch. Sashidhar Reddy, K Nirmal Reddy, CV Ratnavathi, G Shyamprasad & N Seetharama

About the book: This book deals with various aspects of rabi sorghum cultivation including agronomic practices, popular and recommended cultivars, Major insect pests and diseases and their control, IPM modules and contingent crop management techniques. This book is published by NRCS in collaboration with ITC Limited, under NAIP sub-project entitled "Creation of demand for millet foods through PCS value chain"



Lecture delivered at International conference

Dr. KBRS Visarada, Principal Scientist, delivered an invited lecture entitled "Transgenic sorghums to control stem borer" at an international conference on "Current Trends in Biotechnology and Implications in Agriculture" held at SVP University of Agriculture and Technology, Modipuram, Meerut. One poster entitled "Simple methods to generate ample explants some pre-genetic transformation" was also displayed.

Distinguished visitors

Shell Global services : Dr. Donald R Reinalda, Regional Manger (Innovations & Research), Shall Global services and Dr. Amit Walia, Project Leader, Broman



Salient features of new sorghum cultivars being explained

R&D Asia-Pacific region visited NRCS on February 20, 2009 to discuss possible collaboration on sweet sorghum based projects. Director, NRCS appraised the visitors on on-going research activities at NRCS and other AICSIP centres. The team visited the sweet sorghum field and observed the management practices being followed. Drs S S Rao and. AV Umakanth coordinated this visit.

International Entrepreneurs: Dr. Lim Siow Jin, Chief executive officer, DxN Holdings, Berhad, Kedah Darul



Possible collaboration being discussed for preparation of health foods and industrial uses

Aman, Malaysia and Dr. PL Sunil Kumar, Director, Daesan Trading, Dubai, UAE along with colleagues visited NRCS on February 17, 2009. Dr. CV Ratnavathi

apprised the team on the ongoing research on grain, sweet, forage and dual-purpose sorghums. The team sought the assistance in technology from NRCS for the preparation of health foods and industrial uses. The team expressed their interest to enter into a MOU with NRCS. The team also evinced keen interest to conduct sorghum trials at Ethiopia.

Students visit NRCS

Twenty two Students led by Dr. KS Prasad, IGMRI, Rajendranagar, Hyderabad visited NRCS on February 11, 2009 as a part of their training course. The purpose



Roti making machine being demonstrated to visitors

of the visit was to expose them to new technological innovations, farm management, and other issues in sorghum cultivation. The team was apprised about the recent advances in sorghum breeding and biotechnology research, and value-addition products at NRCS. Demonstration of *roti* making machine was also organized. Drs. Ch. Sashidhar Reddy, CV Ratnavathi and G Shyam Prasad were organized.

Women trained on *roti* making machine

Three urban women from Rajahmundry, which is located in non-sorghum cultivation area of coastal Andhra Pradesh, visited NRCS on February 20, 2009, to undergo training on the preparation of *roti* through *roti* making

machine and other sorghum food recipes. These women have a plan to open an outlet of sorghum foods in Rajahmundry. This one-day training programme was coordinated by Dr. CV Ratnavathi and her team.

Superannuation

Dr. Swarnalatha Kaul, Principal Scientist, who served the institute since 1970, superannuated from councils service on February 28, 2009. NRCS staff wishes her a very happy and healthy retired life!



Technical examination certificate for K. Suresh kumar



Mr. K Suresh kumar, who is working as LDC at NRCS, has passed the Short-hand English intermediate examination (100 WPM) conducted by the State Board of Technical Education and training (AP) Hyderabad. Congratulations Mr. Suresh.

Doctorate awarded

Mr. E. Krishna Rao, SRF, NAIP project on millets value-chain has been awarded Doctorate in Economics in the month of February, 2009 by University of Hyderabad. His doctoral work is on "Shifts in the cropping pattern and their impact on employment and wages in the context of globalization with special reference to tobacco". He was guided by Prof. G Nancharaiiah, Department of Economics, University of Hyderabad.



Payment of labour-wages only through bank



NRCS is strictly following the rules and regulations of employment of temporary labour / other staff as per the guidelines from central labour commission. The contractor provides identity cards to each labourer working on short-term contact at NRCS and the contractor is being made to pay through bank cheque only. NRCS facilitated the opening of accounts in State Bank of Hyderabad at it's Budvel branch. NRCS also ensure payment of EPF and ESI by the contractor before his bills are settled.

Meeting (M)/ Symposia (S)/ Workshop (W)/ Training (T) / Conference (C) attended

S. No	Name of the Official	Participated in	Type	Venue	Dates
1	N Seetharama, B Dayakar Rao, Ch Shashidhar Reddy, HS Talwar, VR Bhagwat, Rajendra Chapke, C V Ratnavathi, D Gopala Krishna, & E Krishna Rao	To organize training programme on "Preparation of sorghum foods for rural women/ farmers"	T	Parbhani	2-3 Feb, 09
2	B Dayakar Rao	"Food Supply Chain Management course"	W	IIM, Ahmedabad	14-22 Feb, 09
3	N Seetharama	National symposium on Forages	S	Jodhpur / Jaisalmer	16-18 Feb, 09
4	IK Das	Training programme on "Molecular diagnostic for fastidious Prokaryotes, Viruses and Viroids"	T	Advanced Centre for Plant Virology, IARI, New Delhi.	19 Feb – 13 Mar, 09
5	KBRS Visarada, B Malathi, VV Santosh, GV Rajendra, R Nagaraja Reddy and S Murali Mohan	International conference on "Current Trends in Biotechnology and Implications in Agriculture"	C	SVP UA&T, Modipuram, Meerut.	19-21 Feb, 09
6	B Venkatesh Bhat	Training programme on "Basic techniques for studying epigenetic inheritance"	T	CCMB, Hyderabad	25 Feb – 10 Mar, 09
7	B Dayakar Rao	NAIP review meeting on "Expenditure and procurement under world bank aided projects"	M	Bangalore	25-26 Feb, 09
8	N Seetharama, S Audilakshmi, TGN Rao, VR Bhagwat, VA Tonapi, MS Raut, Prabhakar, A V Gadewar, C Aruna, G Shyam Prasad, Sujay Rakshit, AV Umakanth, M Elangovan, B Subbarayudu, Kalaisekar, JS Mishra, Hariprasanna, Rajendra Chapke, Rajendra Kumar, P Mukesh, D Gopala Krishna, KV Raghavendra Rao, OV Ramana, K Sanath Kumar, Mahesh Kumar & P Subhakar Rao.	39 th Annual Sorghum Group meetings of AICSIP (Agm 09)	W	College of Agriculture, RVSKVV, Indore.	26-29 Feb, 09
9	Ch Shashidhar Reddy & E Krishna Rao	Programme on "Business Analytics"	W	ASCI, Hyderabad	26-28 Feb, 09
10	T Sarada	Training programme on "Data analysis for social scientists" at CSD, Hyderabad.	T	CSD, Hyderabad	27 Jan – 09 Feb 2009

Official Tours

S. No	Name of the Official	Place Visited	Dates	Purpose
1	N Seetharama & VR Bhagwat	Parbhani & Jalna	2-4 Feb, 09	To precede-over the farmers meet at Parbhani & To inspect the land at Jalna to develop a station
2	N Seetharama, VATonapi & M Elangovan	New Delhi	3-5 Feb, 09	Hearing at PPV&FRA, New Delhi
3	N Seetharama & D Balakrishna	ICRISAT, Patancheru	9 Feb, 09	DBT meeting on " <i>Platform for translation research on transgenic crops</i> "
4	N. Seetharama, SL Kaul and VA Tonapi	New Delhi	12 Feb, 09	Meeting on production of genetically pure seeds and Second National genome savior award at PPVFRA, New Delhi

Thought for the month

The great end of education is to discipline rather than to furnish the mind; to train it to the use of its own powers, rather than fill it with the accumulation of others.

Tyron Edwards

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To



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